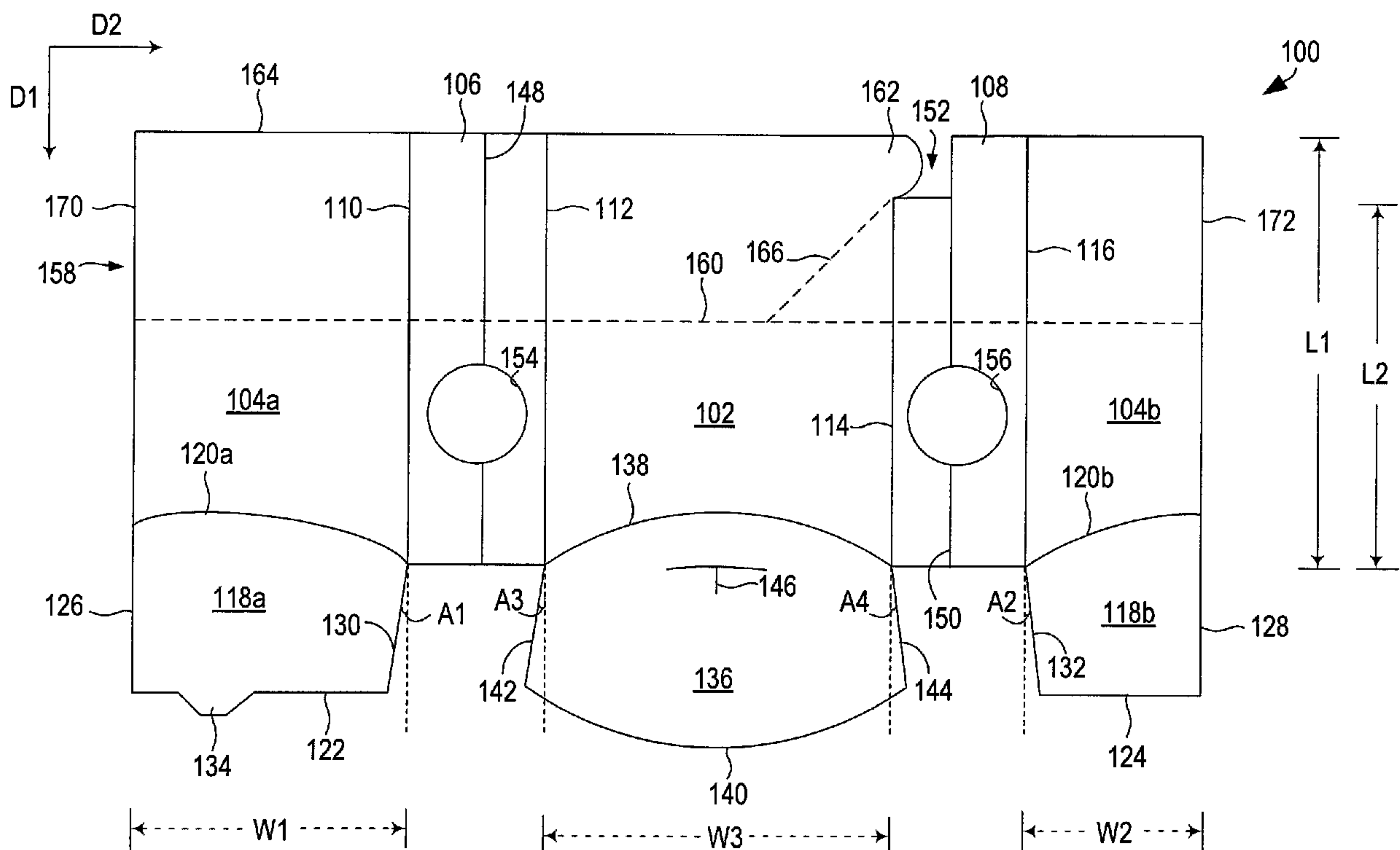




(86) Date de dépôt PCT/PCT Filing Date: 2008/01/09
(87) Date publication PCT/PCT Publication Date: 2009/02/19
(45) Date de délivrance/Issue Date: 2013/05/07
(85) Entrée phase nationale/National Entry: 2010/01/25
(86) N° demande PCT/PCT Application No.: US 2008/050578
(87) N° publication PCT/PCT Publication No.: 2009/023286
(30) Priorité/Priority: 2007/08/13 (US60/964,655)

(51) Cl.Int./Int.Cl. *B65D 81/34* (2006.01),
B65D 5/02 (2006.01), *B65D 5/54* (2006.01)
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(54) Title: PACKAGE WITH ENLARGED BASE



(57) Abrégé/Abstract:

Various containers with an enlarged base for receiving a food item are disclosed. The containers may be formed from various sleeves for heating, browning, and crisping a food item. Blanks for forming such sleeves and containers also are disclosed. The blanks, sleeves, and/or containers may include a removable portion at least partially defined by a line of disruption.



(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
19 February 2009 (19.02.2009)

PCT

(10) International Publication Number
WO 2009/023286 A1

(51) International Patent Classification:

B65D 81/34 (2006.01) **B65D 5/54** (2006.01)
B65D 5/02 (2006.01)

(21) International Application Number:

PCT/US2008/050578

(22) International Filing Date: 9 January 2008 (09.01.2008)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/964,655 13 August 2007 (13.08.2007) US

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

Published:

- with international search report

(54) Title: PACKAGE WITH ENLARGED BASE

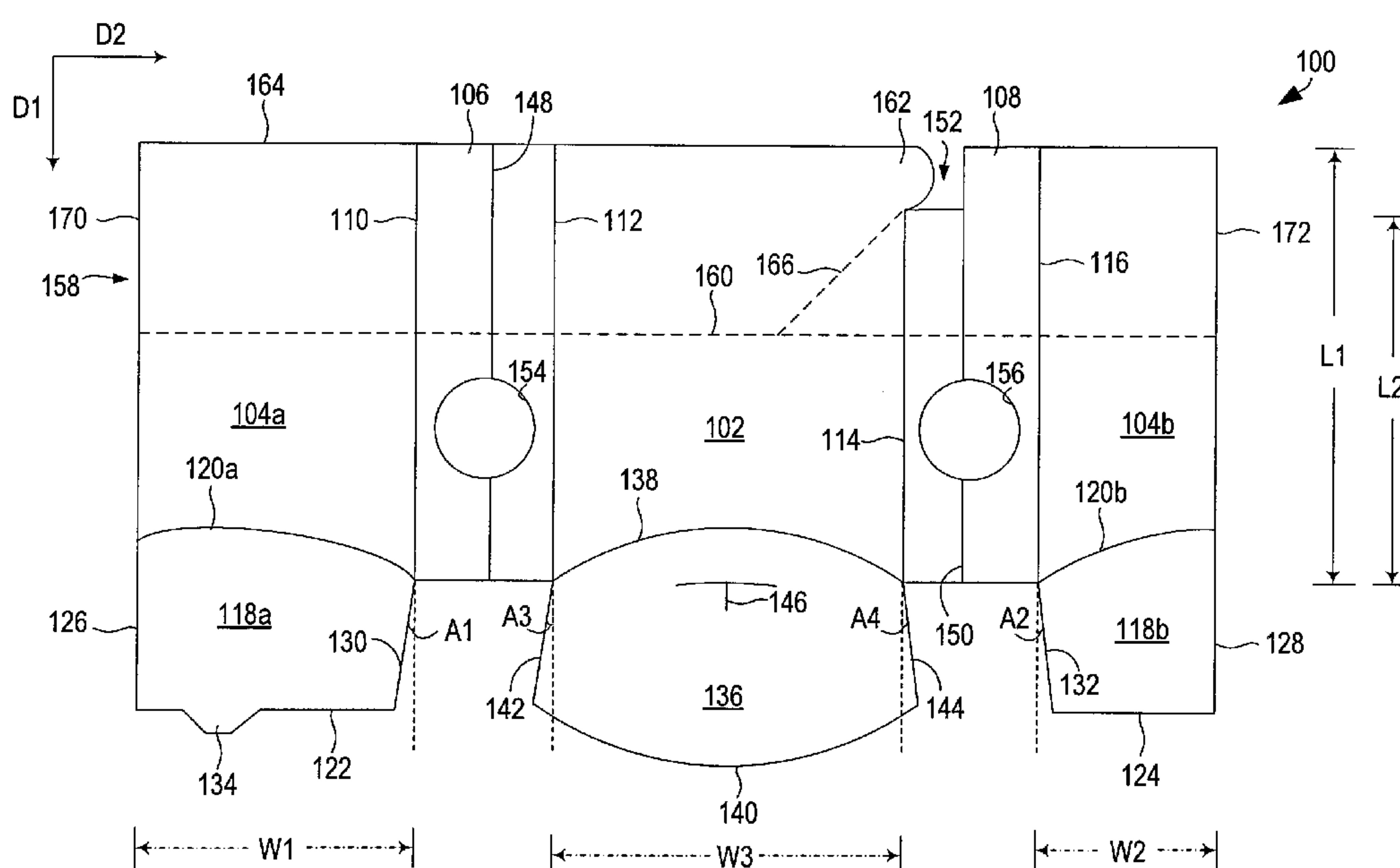


FIG. 1A

(57) Abstract: Various containers with an enlarged base for receiving a food item are disclosed. The containers may be formed from various sleeves for heating, browning, and crisping a food item. Blanks for forming such sleeves and containers also are disclosed. The blanks, sleeves, and/or containers may include a removable portion at least partially defined by a line of disruption.

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PACKAGE WITH ENLARGED BASE

TECHNICAL FIELD

The present invention relates to various blanks, constructs, and methods for
5 heating, browning, and/or crisping a food item, and particularly relates to various
blanks, constructs, and methods for heating, browning, and/or crisping a food item
in a microwave oven.

BACKGROUND

10 There is a need for a package or other construct that facilitates
transportation and consumption of a food item therein. There also is a need for
such a package or other construct that enhances browning and crisping of a food
item in a microwave oven. There further is a need for a package or other construct
that provides enhanced browning and/or crisping of an irregular shaped food item
15 and facilitates transportation and consumption of the food item.

SUMMARY

The present invention generally is directed to various blanks and sleeves,
pouches, packages, and other constructs (collectively “constructs”) formed
20 therefrom. The various constructs formed from the blanks feature an enlarged or
widened base that may provide stability for handling a food item within the
construct. If desired, the constructs may include one or more features that allow a
consumer to access various portions of the food item therein as the food item is
consumed. Additionally, any of the constructs of the invention may include
25 features that enhance the browning and crisping of the food item heated therein.

In one aspect, numerous blanks are contemplated by the invention. Each blank generally comprises a plurality of adjoining panels. Each panel has a first dimension extending in a first direction and a second dimension extending in a second direction, where the first direction is substantially perpendicular to the second direction. The plurality of adjoining panels may include a main panel, a first minor panel joined to the main panel, a second minor panel joined to the main panel, a major panel joined to the first minor panel, and an end panel. The main panel, the first minor panel, the second minor panel, and the major panel may be joined respectively to one another along a plurality of respective substantially parallel fold lines extending in the first direction. The end panel may be joined to the main panel along a substantially arcuate fold line extending generally in the second direction. The end panel has an end edge opposite the arcuate fold line. The second dimension of the end panel generally increases from the arcuate fold line to the end edge, such that the end panel has a generally flared shape. A microwave energy interactive element may overlie at least a portion of at least one of the adjoining panels.

In one example, the end panel includes a pair of opposed side edges that extend divergently from the arcuate fold line to the end edge. The end edge of the end panel may be substantially arcuate in shape, and in some example, the end edge may be outwardly arcuate in shape.

In another example, the major panel is a first major panel, and the plurality of adjoining panels further includes a second major panel joined to the second minor panel along a fold line extending in the first direction, a first partial end panel joined to the first major panel along a first curved fold line extending generally in the second direction, and a second partial end panel joined to the second major panel along a second curved fold line extending generally in the second direction.

The various blanks typically include a pair of opposed surfaces. A microwave energy interactive element may overlie at least a portion of at least one of the adjoining panels on at least one of the opposed surfaces. The microwave energy interactive element may comprise a susceptor, a foil, a segmented foil (i.e.,

a plurality of metal foil segments), or any combination thereof. In one example, the microwave energy interactive element converts at least a portion of impinging microwave energy into thermal energy.

5 If desired, any of the various blanks of the invention may include a removable portion defined at least partially by a line of disruption. The removable portion may include at least a portion of at least one of the first main panel, the second main panel, the first minor panel, and the second minor panel.

10 In one example, the removable portion is defined at least partially by a transverse tear line extending in the second direction substantially across the adjoining panels, an oblique tear line substantially abutting the transverse tear line, and a cutout adjacent to the oblique tear line. In one variation, the cutout extends inwardly from a first peripheral edge of the blank extending in the second direction and at least partially defines a tab adjacent to the first peripheral edge. The oblique tear line may extend substantially between the tab and the transverse
15 tear line. In another variation, the cutout is disposed distal from the first peripheral edge within at least one panel of the plurality of adjoining panels, and a pair of oblique tear lines may extend convergently towards the cutout. In one example, a first oblique tear line extends substantially between the cutout and the transverse tear line, and a second oblique tear line extends substantially between
20 the cutout and the first peripheral edge of the blank.

In another example, the removable portion is defined at least partially by a tear line extending in the second direction substantially across the adjoining panels. The removable portion may include a grasping feature extending from a first peripheral edge of the blank extending in the first direction, and a cutout along a
25 second peripheral edge extending in the first direction opposite the first peripheral edge, such that the cutout is substantially opposite the grasping feature. In one variation, the blank includes a second removable portion defined at least partially by a second tear line extending in the second direction substantially across the adjoining panels. The second removable portion may include a grasping feature
30 extending from the first peripheral edge of the blank and a cutout along the second peripheral edge opposite the grasping feature.

In another example, the removable portion is defined at least partially by a tear line extending in the second direction substantially across the adjoining panels, and the removable portion includes a grasping feature defined at least partially by a line of disruption in the second minor panel. In one variation, the line of
5 disruption is a substantially arcuate slit including a pair of ends disposed substantially along the fold line adjoining the main panel and the second minor panel. The blank further may include a pair of tear lines in the main panel extending divergently from respective ends of the slit. In one embodiment, a first tear line substantially abuts the transverse tear line and a second tear line
10 substantially abuts an edge of the main panel extending in the second direction.

In another example, the removable portion is a first removable portion of a plurality of removable portions defined by a plurality of tear lines extending obliquely across at least a portion of least one of the plurality of adjoining panels. Each tear line has a first end and a second end, at least one of which substantially
15 abuts a peripheral edge of the blank. In one variation, the peripheral edge includes a first edge and a second edge extending in the first direction opposite one another, and at least one tear line of the plurality of tear lines extends substantially between the first edge and the second edge. In another variation, each tear line of the plurality of tear lines is substantially parallel to each other tear line of the plurality
20 of tear lines. In yet another variation, the plurality of tear lines includes at least a first tear line, a second tear line, and a third tear line, and the first tear line is spaced from the second tear line a distance that is approximately equal to a distance between the second tear line and the third tear line.

In another example, at least some of the fold lines adjoining the panels are
25 tear lines, and the removable portion is defined at least partially by a first tear line that adjoins a first pair of adjacent panels and a second tear line that adjoins a second pair of adjacent panels. The removable portion may include at least one of the first minor panel, the second minor panel, the first major panel, the second major panel, and the main panel. In one variation, a tab extends from an end of at
30 least one of the first minor panel and the second minor panel. In still another variation, the blank may include a foldable portion defined at least partially by a

fold line extending in the second direction substantially across at least one of the plurality of adjoining panels.

In another example, the removable portion is defined at least partially by a line of disruption initiating and terminating proximate a first peripheral edge of the blank opposite the arcuate end edge. The line of disruption may comprise a cut line, a score line, a kiss cut line, a perforated line, a zigzag cut line, a zipper cut line, or any combination thereof. In one variation, the removable portion includes at least a portion of the main panel. In another variation, the line of disruption initiates and terminates along the first peripheral edge of the blank adjacent to the main panel. At least a portion of the line of disruption may extend into the end panel. The portion of the line of disruption that extends into the end panel may define a tab.

Any of the various blanks may be formed into a construct (e.g., a sleeve) for heating, browning, and/or crisping a food item in a microwave oven. The construct may comprise a first main panel and a second main panel in an opposed configuration, and a first minor panel and a second minor panel in an opposed configuration. The first main panel, the second main panel, the first minor panel, and the second minor panel are joined to the first main panel and the second main panel along respective fold lines to define at least partially an interior surface. A microwave energy interactive element may overlie at least a portion of the interior surface. The microwave energy interactive element may comprise a susceptor, a foil, a segmented foil, or any combination thereof.

The construct also includes a first end panel foldably joined to the first main panel. The first end panel includes a pair of opposed side edges that generally extend divergently from the first main panel. In some embodiments, the construct also may include a second end panel foldably joined to the second main panel. The second end panel includes a pair of opposed side edges that may extend convergently (i.e., taper inwardly) from the second main panel.

In one configuration, the first end panel and the second end panel are in a substantially opposed, facing relationship. In this configuration, the construct resembles a sleeve with a pair of opposed, open ends. The first end panel and the

second panel may be adapted to be folded toward the interior space in a generally superposed configuration. In doing so, the sleeve may be transformed into a container for holding the food item in an upright configuration, with the superposed end panels serving as the base of the container.

5 In one example of this variation, the first end panel includes an arcuate end edge that extends between the pair of opposed side edges of the first end panel. In another example, the second end panel includes a substantially linear end edge that extends between the pair of opposed side edges of the second end panel. In yet another example, a locking feature extends from the substantially linear edge of
10 the second end panel, and the locking feature is adapted to be received within a slot in the first end panel. In this manner, the end panels are locked into position to support the food item more securely.

If desired, the construct may include a removable portion defined at least partially by a line of disruption. The removable portion may comprise at least a
15 portion of at least one of the first main panel, the second main panel, the first minor panel, and the second minor panel. In various examples, the removable portion may comprise a removable portion of a blank from which the construct is formed, for example, the blanks described above and others described herein and/or contemplated hereby.

20 In one example, the removable portion is defined at least partially by a transverse tear line extending substantially across at least one of the adjoining panels, an oblique tear line substantially abutting the transverse tear line, and a cutout adjacent to the oblique tear line. In one variation, the cutout extends inwardly from a first end of the construct and at least partially defines a tab. The
25 tab may be disposed adjacent to the first end of the construct, and the oblique tear line may extend substantially between the tab and the transverse tear line. In another variation, the cutout is disposed within at least one of the first main panel, second main panel, first minor panel, and second minor panel distal from a first end of the construct.

30 In another example, the removable portion is defined at least partially by a transverse tear line extending substantially across each of the first main panel, the

second main panel, first minor panel, and second minor panel. The removable portion may include a grasping feature projecting from at least one of the first main panel and the second main panel distal from the fold lines adjoining the respective main panel to the first minor panel and the second minor panel. In one variation, the construct further includes a second removable portion adjacent to the first removable portion.

In a further example, the removable portion is defined at least partially by a transverse tear line extending substantially across at least the first main panel and the second main panel. The removable portion includes a grasping feature defined by a line of disruption in the second minor panel. In one variation, the line of disruption is a slit, and the slit defines a tab comprising a portion of the second minor panel.

In still another example, the removable portion is defined at least partially by a line of disruption extending obliquely across at least one of the first main panel, the second main panel, the first minor panel, and the second minor panel.

In yet another example, at least one of the fold lines adjoining the first main panel, the second main panel, the first minor panel, and the second minor panel is a tear line, and the removable portion is defined by at least one tear line that adjoins at least one of the first main panel and the second main panel to at least one of the first minor panel and the second minor panel.

In another aspect, the removable portion is defined by a line of disruption initiating and terminating proximate a first end of at least one of the adjoined panels. In one variation, the line of disruption initiates and terminates proximate the first end of the first main panel. The line of disruption may extend into the end panel and may define a tab.

If desired, the sleeve may be transformed into a container in which the food item can be positioned in an upright configuration for transportation and/or consumption. The container generally may include a pair of opposed main panels, a pair of opposed minor panels joined to the main panels along respective fold lines, and a pair of end panels collectively defining an interior space. The end panels may be folded toward the interior space in a superposed configuration. The

container may be positioned in an upright configuration with the food item being supported by the end panels. If desired, the end panels may be configured to provide a base for the container that is larger than the opening, thereby providing greater stability of the container and the food item or items therein.

5 The container may include one or more removable portions that allow a user to reduce the size of, or alter the shape of, the container. The removable portion may be separated from the remainder of the construct as the food item is consumed to allow greater access to the food item. The removable portion may comprise the removable portion of the sleeve from which the container is formed,
10 for example, as described herein or otherwise contemplated hereby.

 According to one aspect of the present invention there is provided a blank for forming a microwave heating construct, comprising a plurality of adjoining panels, each panel having a first dimension extending in a first direction and a second dimension extending in a second direction substantially perpendicular to
15 the first direction, the plurality of adjoining panels including a main panel, a first minor panel joined to the main panel, a second minor panel joined to the main panel, a first major panel joined to the first minor panel, a second major panel joined to the second minor panel, wherein the main panel, the first minor panel, the second minor panel, the first major panel, and the second major panel are
20 joined respectively to one another along a plurality of respective substantially parallel fold lines extending in the first direction, a first partial end panel joined to the first major panel along a first curved fold line extending generally in the second direction, a second partial end panel joined to the second major panel along a second curved fold line extending generally in the second direction, and
25 an end panel joined to the main panel along a substantially arcuate fold line extending generally in the second direction, wherein the end panel has an end edge opposite the arcuate fold line, and the second dimension of the end panel increases from the arcuate fold line to the end edge; and microwave energy interactive material joined to at least a portion of at least one of the adjoining
30 panels.

 According to a further aspect of the present invention there is provided a microwave heating construct, comprising a first main panel and a second main

panel in an opposed configuration; a first minor panel and a second minor panel in
 an opposed configuration, the first minor panel and the second minor panel being
 joined to the first main panel and the second main panel along respective fold
 lines to at least partially define an interior space; a microwave energy interactive
 5 material joined to at least a portion of at least one of the first main panel, second
 main panel, first minor panel, and second minor panel on a side of the respective
 panel facing the interior space; a first end panel foldably joined to the first main
 panel, the first end panel including a pair of opposed side edges that extend
 divergently from the first main panel; and a second end panel foldably joined to
 10 the second main panel, the second end panel including a pair of opposed side
 edges that extend convergently from the second main panel, wherein the first end
 panel and the second end panel are in a substantially opposed, facing relationship.

According to another aspect of the present invention there is provided a
 blank for forming a microwave heating construct, comprising a plurality of
 15 adjoined panels defining a peripheral edge of the blank, each panel of the plurality
 of adjoined panels having a first dimension extending in a first direction and a
 second dimension extending in a second direction substantially perpendicular to
 the first direction, the plurality of adjoined panels including a main panel, a first
 minor panel and a second minor panel joined to the main panel along respective
 20 fold lines extending in the first direction, wherein the first dimension of the first
 minor panel is greater than the first dimension of the second minor panel, and the
 main panel has a first portion adjacent to the first minor panel and a second
 portion adjacent to the second minor panel, the second portion of the main panel
 having a first dimension substantially equal to the first dimension of the second
 25 minor panel, and the first portion of the first main panel having a first dimension
 greater than the first dimension of the second portion, and an end panel joined to
 the main panel along a substantially arcuate fold line extending generally in the
 second direction, wherein the end panel has an end edge opposite the arcuate fold
 line, and the second dimension of the end panel increases from the arcuate fold
 30 line to the end edge; and microwave energy interactive material joined to at least a
 portion of at least one panel of the adjoined panels, wherein the peripheral edge
 includes a plurality of peripheral edge portions including a first peripheral edge

portion extending in the first direction, a second peripheral edge portion extending in the first direction opposite the first peripheral edge portion, and a third peripheral edge portion extending between the first peripheral edge portion and the second peripheral edge portion, and the blank includes a plurality of removable portions defined by a plurality of tear lines independently extending obliquely across at least a portion of at least one of the plurality of adjoining panels, wherein each tear line of the plurality of tear lines substantially abuts the first peripheral edge portion or the second peripheral edge portion of the blank, and at least one tear line of the plurality of tear lines substantially abuts the third peripheral edge portion of the blank.

According to a still further aspect of the present invention there is provided a blank for forming a construct, comprising: a plurality of adjoining panels, each panel of the plurality of adjoining panels having a first dimension extending in a first direction and a second dimension extending in a second direction substantially perpendicular to the first direction, the plurality of adjoining panels including a main panel, a first minor panel and a second minor panel respectively joined to opposite edges of the main panel, a first major panel joined to the first minor panel, a second major panel joined to the second minor panel, wherein each of the main panel, the first minor panel, the second minor panel, the first major panel, and the second major panel are joined respectively to one another along a plurality of respective substantially parallel tear lines extending in the first direction, and an end panel joined to the main panel along a substantially arcuate fold line extending generally in the second direction, wherein the end panel has an end edge opposite the arcuate fold line, and the second dimension of the end panel increases from the arcuate fold line to the end edge; and microwave energy interactive material joined to at least a portion of at least one panel of the plurality of adjoining panels, wherein the main panel, the first major panel, and the second major panel each have an edge extending in the second direction, the respective edges of the main panel, first major panel, and the second major panels being substantially aligned with one another, and the first dimension of the first minor panel and the second minor panel is greater than the first dimension of the main panel, the first major panel, and the second major panel, such that a portion

of each of the first minor panel and the second minor panel extends in the first direction beyond the edge of the main panel, the first major panel, and the second major panel.

According to another aspect of the present invention there is provided a
5 blank for forming a microwave heating construct, comprising a plurality of
adjoined panels, each panel having a first dimension extending in a first direction
and a second dimension extending in a second direction substantially
perpendicular to the first direction, the plurality of adjoined panels including a
first panel, a second panel and a third panel respectively joined to opposite edges
10 of the first panel, and a fourth panel joined to the second panel, wherein the first
panel, second panel, third panel, and fourth panel are joined respectively to one
another along a plurality of respective substantially parallel tear lines extending in
the first direction, an end panel joined to the first panel along a substantially
arcuate fold line extending generally in the second direction, wherein the end
15 panel has an end edge opposite the arcuate fold line, and the second dimension of
the end panel increases from the arcuate fold line to the end edge; and microwave
energy interactive material joined to at least a portion of at least one of the first
panel, second panel, third panel, and fourth panel, the microwave energy
interactive material being operative for converting at least a portion of microwave
20 energy into thermal energy, wherein the first panel and fourth panel each have an
edge extending in the second direction, the respective edges of the first panel and
fourth panel being substantially aligned with one another, and the first dimension
of the second panel and the first dimension of the third panel are greater than the
first dimension of the first panel and the first dimension of the fourth panel, such
25 that a portion of each of the second panel and third panel extends in the first
direction beyond the edge of the first panel and fourth panel.

According to a further aspect of the present invention there is provided a
blank for forming a construct, comprising a plurality of adjoined panels, each
panel of the plurality of adjoined panels having a first dimension extending in a
30 first direction and a second dimension extending in a second direction
substantially perpendicular to the first direction, the plurality of adjoined panels
including a main panel having a first end defining at least a portion of a peripheral

edge of the blank, a second end opposite the first end, and a pair of opposed side edges, and an end panel joined to the second end of the main panel along a pair of spaced apart, substantially arcuate fold lines, the end panel having an end edge opposite the arcuate fold line, wherein the second dimension of the end panel
5 increases from the arcuate fold line to the end edge; and microwave energy interactive material joined to at least a portion of at least one of the adjoining panels, wherein the blank includes a removable portion defined by a line of disruption initiating and terminating at the peripheral edge between and at a distance from each side edge of the main panel, the line of disruption including a
10 portion that extends into the end panel between the arcuate fold lines to define a tab.

According to yet another aspect of the present invention there is provided a microwave heating construct, comprising a first main panel and a second main panel in an opposed configuration; a first minor panel and a second minor panel
15 in an opposed configuration, the first minor panel and the second minor panel being joined to the first main panel and the second main panel along respective fold lines to at least partially define an interior space; a first end panel foldably joined to the first main panel, the first end panel including a pair of opposed side edges that extend divergently from the first main panel; and microwave energy
20 interactive material joined to at least a portion of at least one of the first main panel, second main panel, first minor panel, and second minor panel on a side of the respective panel facing the interior space, wherein the first main panel, second main panel, first minor panel, and second minor panel each have a first end defining a first end of the construct, the first end of the construct being in open
25 communication with the interior space, the construct includes a removable portion including the first end of the construct, the removable portion comprising at least a portion of the first main panel, the second main panel, the first minor panel, and the second minor panel, the removable portion is defined at least partially by a transverse tear line extending substantially across each of the first main panel, the
30 second main panel, first minor panel, and second minor panel, and the removable portion includes a grasping feature projecting from at least one of the first main panel and the second main panel distal from the first minor panel and the second

minor panel, such that the grasping feature lies between a first portion and a second portion of the removable portion within the respective first main panel or second main panel, the first portion of the removable portion being adjacent to the first minor panel and the second portion of the removable portion being adjacent
5 to the second minor panel.

According to a still further aspect of the present invention there is provided a construct for heating, browning, and/or crisping a food item, comprising a top end including a top end edge, a bottom end opposite the top end, and an interior space defined by a plurality of adjoined panels; a pair of bottom
10 end panels in a substantially opposed, facing relationship with one another, the bottom end panels being joined to respective panels of the plurality of adjoined panels along respective arcuate fold lines, the bottom end panels being adapted to be folded toward the interior space in a superposed configuration to at least partially close the bottom end of the construct, at least one of the bottom end
15 panels having a pair of opposed side edges that extend divergently from the respective arcuate fold line; and microwave energy interactive material joined to at least a portion of at least one of the adjoined panels on a side of the respective panel facing the interior space; wherein a first tear line extends substantially across each of the adjoined panels, and a second tear line extends substantially
20 across each of the adjoined panels, the first tear line being disposed between top end edge and the second tear line, the top end edge and the first tear line defining a first removable tear strip, and the first tear line and the second tear line defining a second removable tear strip adjacent to the first removable tear strip.

According to one aspect of the present invention there is provided a
25 microwave heating construct, comprising a first main panel and a second main panel in an opposed configuration; a first minor panel and a second minor panel in an opposed configuration, the first minor panel and the second minor panel being joined to the first main panel and the second main panel along respective fold lines to at least partially define an interior space; a first end panel foldably joined
30 to the first main panel, the first end panel including a pair of opposed side edges that extend divergently from the first main panel; and microwave energy interactive material joined to at least a portion of at least one of the first main

panel, second main panel, first minor panel, and second minor panel on a side of the respective panel facing the interior space, wherein the construct includes a removable portion comprising at least a portion of at least one of the first main panel, the second main panel, the first minor panel, and the second minor panel,
 5 the removable portion being defined at least partially by a transverse tear line extending substantially across the respective panel, an oblique tear line substantially abutting the transverse tear line, and a cutout adjacent to the oblique tear line.

According to a further aspect of the present invention there is provided a
 10 construct for heating, browning, and/or crisping a food item, comprising a first main panel and a second main panel in an opposed configuration; a first minor panel and a second minor panel in an opposed configuration, the first minor panel and the second minor panel being joined to the first main panel and the second main panel along respective fold lines to at least partially define an interior space,
 15 wherein the first main panel, second main panel, first minor panel, and second minor panel each have a first end including a first end edge, the first end edges of the first main panel, second main panel, first minor panel, and second minor panel defining an opening, a second end opposite the first end, and a length extending between the first end and the second end, wherein the length of the first minor
 20 panel is greater than the length of the second minor panel, and the first main panel and second main panel each have a first portion adjacent to the first minor panel and a second portion adjacent to the second minor panel, the respective second portions of the first main panel and the second main panel each having a length substantially equal to the length of the second minor panel, and the respective first
 25 portions of the first main panel and the second main panel each having a length greater than the length of the respective second portions of the first main panel and the second main panel; a first end panel foldably joined to the second end of the first main panel, the first end panel including a pair of opposed side edges that extend divergently from the first main panel; and microwave energy interactive
 30 material joined to at least a portion of at least one of the first main panel, second main panel, first minor panel, and second minor panel on a side of the respective panel facing the interior space, wherein the construct includes a removable

portion defined at least partially by a line of disruption extending obliquely across the first main panel, the second main panel, the first minor panel, and the second minor panel, the line of disruption initiating at the opening and terminating at the second end of one of the first main panel, the second main panel, the first minor panel, or the second minor panel.

According to another aspect of the present invention there is provided a microwave heating construct, comprising a plurality of adjoined panels that define an interior space, each of the adjoined panels having a first end, a second end, and a length between the first end and the second end, the first end of each of the adjoined panels having a first end edge defining an opening, the plurality of adjoined panels including a first panel and a second panel in a substantially opposed, facing relationship with one another, and a third panel and a fourth panel in a substantially opposed, facing relationship with one another, wherein the length of the first panel is greater than the length of the second panel, and the third panel and the fourth panel each have a first portion adjacent to the first panel, and a second portion adjacent to the second panel, the respective second portions of the third panel and the fourth panel each having a length substantially equal to the length of the second panel, and the respective first portions of the third panel and the fourth panel each having a length greater than the length of the respective second portions of the third panel and the fourth panel, a first end panel foldably joined to the second end of the third panel, the first end panel including a pair of opposed side edges that extend divergently from the third panel; and microwave energy interactive material joined to at least a portion of at least one of the adjoined panels on a side of the respective panel facing the interior space; and an oblique tear line extending from the opening around the plurality of adjoined panels towards the second end of one of the adjoined panels.

According to a still further aspect of the present invention there is provided a microwave heating construct, comprising a first main panel and a second main panel opposite one another, the first main panel and the second main panel each having a first end at least partially defining an opening at a first end of the construct, and a second end at a second end of the construct; a first minor panel and a second minor panel opposite one another, the first minor panel and

the second minor panel being joined to the first main panel and the second main panel along respective tear lines to at least partially define an interior space, wherein the first minor panel and the second minor panel extend upwardly from the opening to define a pair of tabs; a first end panel foldably joined to the second
5 end of the first main panel, the first end panel including a pair of opposed side edges that extend divergently from the first main panel; a second end panel foldably joined to the second end of the second main panel, the first end panel and the second end panel being foldably joined to the first main panel and the second main panel along respective arcuate fold lines; and microwave energy interactive
10 material joined to at least a portion of at least one of the first main panel, second main panel, first minor panel, and second minor panel on a side of the respective panel facing the interior space.

According to another aspect of the present invention there is provided a microwave heating construct, comprising a plurality of panels joined to one
15 another to define an interior space, each of the panels having a first end, a second end, and a first dimension measured from the first end to the second end, the plurality of panels including a pair of major panels, the first end of the major panels being opposite one another to define an opening, and a pair of minor panels opposite one another, the minor panels being joined to the major panels
20 along respective tear lines to define the interior space, wherein the first dimension of the minor panels is greater than the first dimension of the major panels, such that a portion of each minor panel extends past the opening and defines a pair of tabs; a first end panel foldably joined to one panel of the pair of major panels, the first end panel including a pair of opposed side edges that extend divergently from
25 the first main panel; and microwave energy interactive material joined to at least a portion of at least one of the adjoining panels on a side of the respective panel facing the interior space.

According to a further aspect of the present invention there is provided a microwave heating construct, comprising a first pair of panels opposite one
30 another, the first pair of panels each having a first end at least partially defining an opening at a first end of the construct, and a second end at a second end of the construct; a second pair of panels opposite one another, the second pair of panels

being joined to the first pair of panels along respective tear lines to at least partially define an interior space, the second pair of panels extending upwardly from the opening to define a pair of tabs; a pair of end panels joined to the second end of the first pair of panels along respective arcuate fold lines, the end panels
5 being operative for at least partially closing the second end of the construct, at least one end panel of the pair of end panels including a pair of opposed side edges that extend divergently from the first main panel; and microwave energy interactive material joined to at least a portion of at least one panel of the first pair of panels and the second pair of panels on a side of the respective panel facing the
10 interior space, the microwave energy interactive material being operative for converting at least a portion of microwave energy to thermal energy.

According to yet another aspect of the present invention there is provided a microwave heating construct, comprising a plurality of adjoined panels defining an interior space, each of the panels having a first end edge, a second end edge
15 opposite the first end edge, and a length measured from the first end edge to the second end edge, the plurality of panels including a first pair of panels opposite one another, the first end edge of each panel of the first pair of panels at least partially defining an opening, and a second pair of panels opposite one another, each panel of the second pair of panels being joined to the first pair of panels
20 along respective tear lines, the length of the second pair of panels being greater than the length of the first pair of panels, such that a portion of each panel of the second pair of panels extends beyond the first end edge of the first pair of panels, a first end panel foldably joined to the second end edge of one panel of the first pair of panels, the first end panel including a pair of opposed side edges that
25 extend divergently from the first main panel; and microwave energy interactive material joined to at least a portion of at least one of the adjoined panels on a side of the respective panel facing the interior space.

According to a still further aspect of the present invention there is provided a microwave heating construct, comprising a first main panel and a
30 second main panel in an opposed configuration; a first minor panel and a second minor panel in an opposed configuration, the first minor panel and the second minor panel being joined to the first main panel and the second main panel along

respective fold lines to at least partially define an interior space, wherein the first main panel, the second main panel, the first minor panel, and the second minor panel each have a respective first end defining an opening at a first end of the construct and a respective second end opposite the first end; an end panel foldably
 5 joined to the second end of the first main panel, the end panel being adapted to be folded inwardly towards the interior space, the end panel including a pair of opposed side edges that extend divergently from the first main panel; and microwave energy interactive material joined to at least a portion of at least one of the first main panel, second main panel, first minor panel, and second minor panel
 10 on a side of the respective panel facing the interior space, wherein the construct includes a removable portion defined by a line of disruption initiating and terminating at the first end of the construct within the first main panel, the line of disruption including a portion that extends into the end panel to define a tab, wherein the tab extends from and lies in the same plane as the first main panel.

15 According to one aspect of the present invention there is provided a microwave heating construct, comprising a plurality of panels arranged to define an interior space for receiving a food item, the plurality of panels including a main panel having a first end at least partially defining an opening at a first end of the construct, and an end panel foldably joined to a second end of the first main
 20 panel opposite the first end, the end panel being adapted to be reconfigured from a first position substantially coplanar with the main panel to a second position angularly oriented with respect to the main panel, the end panel including a pair of opposed side edges that extend divergently from the first main panel; a line of disruption initiating and terminating substantially at the first end of the construct
 25 within the main panel, the line of disruption including a portion that extends into the end panel to define a tab, the tab being substantially coplanar with the main panel when the end panel is in both the first position and the second position; and microwave energy interactive material joined to at least one of the plurality of panels on a side of the respective panel facing the interior space.

30 According to a further aspect of the present invention there is provided a microwave heating construct, comprising a plurality of panels arranged to define an interior space for receiving a food item, the plurality of panels including a

main panel having a first end at least partially defining an opening at a first end of the construct, the opening being in communication with the interior space, and an end panel joined to a second end of the first main panel opposite the first end, the end panel including a pair of opposed side edges that extend divergently from the

5 first main panel; a line of disruption initiating and terminating substantially along the opening to define a removable portion including a portion of the main panel and a portion of the end panel, wherein the portion of the end panel is substantially coplanar with the portion of the main panel; and microwave energy interactive material joined to at least one of the plurality of panels on a side of the

10 respective panel facing the interior space.

According to another aspect of the present invention there is provided a blank for forming a microwave heating construct, comprising a plurality of adjoined panels, each panel having a first dimension extending in a first direction and a second dimension extending in a second direction substantially

15 perpendicular to the first direction, the plurality of adjoined panels including a main panel, a first minor panel joined to the main panel, a second minor panel joined to the main panel, and a major panel joined to the first minor panel, wherein the main panel, the first minor panel, the second minor panel, and the major panel are joined respectively to one another along a plurality of respective

20 substantially parallel fold lines extending in the first direction, and wherein at least one of the main panel, the first minor panel, the second minor panel, and the major panel include microwave energy interactive material; and an end panel joined to the main panel along a substantially arcuate fold line extending generally in the second direction, the end panel having an end edge opposite the

25 arcuate fold line, wherein the second dimension of the end panel increases from the arcuate fold line to the end edge; and a removable portion comprising at least a portion of at least one of the first main panel, the second main panel, the first minor panel, and the second minor panel.

According to a still further aspect of the present invention there is

30 provided a blank for forming a microwave heating construct, comprising a plurality of adjoined panels, the plurality of adjoined panels each having a first

dimension extending in a first direction and a second dimension extending in a second direction substantially perpendicular to the first direction, the plurality of adjoining panels including a main panel, a first minor panel joined to the main panel, a second minor panel joined to the main panel, and a major panel joined to the first minor panel, wherein the main panel, the first minor panel, the second minor panel, and the major panel are joined respectively to one another along a plurality of respective substantially parallel fold lines extending in the first direction, and at least one of the main panel and the major panel includes microwave energy interactive material, and an end panel joined to the main panel along a substantially arcuate fold line extending generally in the second direction, wherein the end panel has an end edge opposite the arcuate fold line, wherein the end edge of the end panel is a free edge of the blank, and the end panel includes a pair of opposed side edges that extend divergently from the arcuate fold line to the end edge, such that the second dimension of the end panel increases from the arcuate fold line to the end edge.

According to another aspect of the present invention there is provided a microwave heating construct, comprising a first main panel and a second main panel in an opposed configuration; a first minor panel and a second minor panel in an opposed configuration, the first minor panel and the second minor panel being joined to the first main panel and the second main panel along respective fold lines to at least partially define an interior space, wherein at least one of the first main panel, second main panel, first minor panel, and second minor panel includes microwave energy interactive material; a first end panel foldably joined to the first main panel along a first arcuate fold line, the first end panel including a pair of opposed side edges that extend divergently from the first main panel to a free edge of the first end panel, wherein the free edge of the first end panel is outwardly arcuate; and a second end panel foldably joined to the second main panel along a second arcuate fold line, the second end panel including a pair of opposed side edges that extend convergently from the second main panel to a free edge of the second end panel, wherein in a first configuration, the first end panel and the second end panel respectively lie substantially within the same plane as

the first main panel and the second main panel, and in a second configuration, the first end panel and the second end panel are respectively folded towards one another along the first arcuate fold line and the second arcuate fold line.

According to a further aspect of the present invention there is provided a
5 blank for forming a microwave heating construct, comprising a plurality of
adjoined panels, the plurality of adjoined panels each having a first dimension
extending in a first direction and a second dimension extending in a second
direction substantially perpendicular to the first direction, the plurality of adjoined
panels including a main panel, a first minor panel joined to the main panel, a
10 second minor panel joined to the main panel, and a major panel joined to the first
minor panel, wherein the main panel, the first minor panel, the second minor
panel, and the major panel are joined respectively to one another along a plurality
of respective substantially parallel fold lines extending in the first direction, and at
least one of the main panel and the major panel includes microwave energy
15 interactive material, and an end panel joined to the main panel along a
substantially arcuate fold line extending generally in the second direction,
wherein the end panel has an end edge opposite the arcuate fold line, and the
second dimension of the end panel increases from the arcuate fold line to the end
edge, wherein the blank includes a removable portion comprising at least a
20 portion of at least one of the first main panel, second main panel, first minor
panel, and second minor panel, the removable portion being defined at least
partially by a transverse tear line extending in the second direction substantially
across the adjoined panels, an oblique tear line substantially abutting the
transverse tear line, and a cutout adjacent to the oblique tear line.

25 According to yet another aspect of the present invention there is provided
a microwave heating construct, comprising a first main panel and a second main
panel in an opposed configuration; a first minor panel and a second minor panel in
an opposed configuration, the first minor panel and the second minor panel being
joined to the first main panel and the second main panel along respective fold
30 lines to at least partially define an interior space, wherein at least one of the first

main panel, second main panel, first minor panel, and second minor panel includes microwave energy interactive material; and a first end panel foldably joined to the first main panel, the first end panel including a pair of opposed side edges that extend divergently from the first main panel, wherein the construct
 5 includes a removable portion comprising at least a portion of at least one of the first main panel, second main panel, first minor panel, and second minor panel, the removable portion being defined at least partially by a transverse tear line extending substantially across at least one of the first main panel, second main panel, first minor panel, and second minor panel, an oblique tear line substantially
 10 abutting the transverse tear line, and a cutout adjacent to the oblique tear line.

According to a still further aspect of the present invention there is provided a blank for forming a microwave heating construct, comprising a plurality of adjoined panels, the plurality of adjoined panels each having a first dimension extending in a first direction and a second dimension extending in a
 15 second direction substantially perpendicular to the first direction, at least one of the plurality of adjoined panels comprising microwave energy interactive material operative for converting microwave energy into heat, wherein the plurality of adjoined panels includes a main panel, a first minor panel and a second minor panel joined to the main panel, a first major panel joined to the first minor panel, a
 20 second major panel joined to the second minor panel, wherein the main panel, the first minor panel, the second minor panel, the first major panel, and the second major panel are joined respectively to one another along a plurality of respective fold lines extending in the first direction, a first partial end panel joined to the first major panel along a first curved fold line extending generally in the second
 25 direction, a second partial end panel joined to the second major panel along a second curved fold line extending generally in the second direction, and an end panel joined to the main panel along a substantially arcuate fold line extending generally in the second direction, wherein the end panel includes an outwardly arcuate edge opposite the arcuate fold line, and a pair of opposed side edges that
 30 extend divergently from the arcuate fold line to the outwardly arcuate edge, and the end panel has a second dimension extending between the arcuate fold line and

the outwardly arcuate edge that is greater than the second dimension of each the first partial end panel and the second partial end panel.

According to one aspect of the present invention there is provided a microwave heating construct, comprising a first main panel and a second main panel opposite one another; a first minor panel and a second minor panel opposite one another, the first minor panel and the second minor panel being foldably joined to the first main panel and the second main panel; a first end panel foldably joined to the first main panel along a first fold line, the first end panel including a pair of side edges that extend divergently from one another from the first main panel to an end edge of the first end panel; and a second end panel foldably joined to the second main panel along a second fold line, the second end panel including a pair of opposed side edges that extend from the second main panel to an end edge of the second end panel, wherein the first end panel and the second end panel each have a length measured from the respective first fold line or second fold line to the respective end edge of the first end panel or second end panel midway between the respective opposed side edges, and the length of the first end panel is greater than the length of the second end panel, and wherein at least one of the first main panel, second main panel, first minor panel, second minor panel, first end panel, and second end panel includes microwave energy interactive material.

According to a further aspect of the present invention there is provided a microwave heating construct, comprising a first main panel and a second main panel opposite one another; a first minor panel and a second minor panel opposite one another, the first minor panel and the second minor panel being foldably joined to the first main panel and the second main panel, wherein at least one of the first main panel, second main panel, first minor panel, and second minor panel includes microwave energy interactive material; a first end panel foldably joined to the first main panel along a first fold line, the first end panel including a pair of side edges that extend from one another from the first main panel to a free edge of the first end panel; and a second end panel foldably joined to the second main panel along a second fold line, the second end panel including a pair of opposed

side edges that extend from the second main panel to a free edge of the second end panel, wherein in a first configuration with the first end panel and the second end panel respectively lying substantially within the same plane as the first main panel and the second main panel, the first main panel and the second main panel
5 are substantially parallel to one another, and in a second configuration with the first end panel and the second end panel respectively folded towards one another along the first fold line and the second fold line, the first main panel and the second main panel are obliquely oriented with respect to one another.

According to a still further aspect of the present invention there is
10 provided a microwave heating construct, comprising a first main panel and a second main panel opposite one another; a first minor panel and a second minor panel opposite one another, the first minor panel and the second minor panel being foldably joined to the first main panel and the second main panel, wherein
15 at least one of the first main panel, second main panel, first minor panel, and second minor panel includes microwave energy interactive material, and wherein the first main panel, second main panel, first minor panel, and second minor panel each include a top end edge that at least partially defines an open end of the
20 construct; a first end panel foldably joined to the first main panel; and a second end panel foldably joined to the second main panel, wherein the first end panel and the second end panel are folded towards one another in an overlapping configuration to define a closed end of the construct, wherein the first main panel and the second main panel diverge from one another from the open end of the
construct towards the closed end of the construct.

Other features, aspects, and embodiments will be apparent from the
25 following description and accompanying figures.

BRIEF DESCRIPTION OF THE DRAWINGS

The description refers to the accompanying drawings, in which like reference characters refer to like parts throughout the several views, and in which:

5 FIG. 1A is a schematic top plan view of a first side of an exemplary blank according to various aspects of the invention;

FIG. 1B is a schematic top plan view of a second side of the blank of FIG. 1A opposite the first side;

10 FIG. 1C is a schematic perspective view of the blank of FIGS. 1A and 1B formed into a sleeve with two open ends, according to various aspects of the invention;

FIG. 1D is a schematic bottom plan view of the sleeve of FIG. 1C;

FIG. 1E is a schematic top plan view of the sleeve of FIG. 1C;

15 FIGS. 1F and 1G are schematic perspective views of the blank of FIGS. 1A and 1B and sleeve of FIGS. 1C- 1E formed into a container for carrying a food item therein, according to various aspects of the invention;

FIG. 1H is a schematic perspective view of the container of FIGS. 1F and 1G with the removable portion partially separated from the container;

FIG. 2 is a schematic top plan view of a variation of the exemplary blank of **FIG. 1A**, according to various aspects of the invention;

FIG. 3 is a schematic top plan view of yet another exemplary blank according to various aspects of the invention, including a removable portion
5 defined by a transverse tear line;

FIG. 4 is a schematic top plan view of still another exemplary blank according to various aspects of the invention, including first and second removable portions defined by first and second transverse tear lines;

FIG. 5 is a schematic top plan view of another exemplary blank according
10 to various aspects of the invention, including a removable portion defined by a transverse tear line;

FIG. 6 is a schematic top plan view of still another exemplary blank according to various aspects of the invention, including a removable portion defined by a transverse tear line and a cutout for facilitating removal of the
15 removable portion;

FIG. 7 is a schematic top plan view of yet another exemplary blank according to various aspects of the invention, including a removable portion defined by a transverse tear line and a cutout for facilitating removal of the removable portion;

FIG. 8 is a schematic top plan view of still another exemplary blank
20 according to various aspects of the invention, including a plurality of removable portions defined by oblique tear lines;

FIG. 9 is a schematic top plan view of another exemplary blank according to various aspects of the invention including various panels joined along
25 longitudinal tear lines, where one or more of such panels may serve as a removable portion;

FIG. 10 is a schematic top plan view of another exemplary blank according to various aspects of the invention, including a removable portion defined by a line of disruption initiating and terminating proximate an edge of the blank; and

FIG. 11 is a schematic top plan view of still another exemplary blank
30 according to various aspects of the invention, without a removable portion.

DESCRIPTION

The present invention may be illustrated further by referring to the figures. For purposes of simplicity, like numerals may be used to describe like features. It will be understood that where a plurality of similar features are depicted, not all of such features necessarily are labeled on each figure. It also will be understood that various components used to form the blanks and constructs of the present invention may be interchanged. Thus, while only certain combinations are illustrated herein, numerous other combinations and configurations are contemplated hereby.

FIG. 1A depicts an exemplary blank **100** according to various aspects of the present invention. The blank **100** includes a plurality of adjoined panels. In this and other examples of the invention discussed herein and/or contemplated hereby, each of the various panels and the blank generally has a first dimension, for example, a length, extending in a first direction, for example, a longitudinal direction, **D1**, and a second dimension, for example, a width, extending in a second direction, for example, a transverse direction, **D2**. It will be understood that such designations are made only for convenience and do not necessarily refer to or limit the manner in which the blank is manufactured or erected into a construct.

Still viewing **FIG. 1A**, the blank **100** includes a plurality of adjoined panels including a main panel **102**, a first major panel **104a**, a second major panel **104b**, a first minor panel **106**, and a second minor panel **108**. The first minor panel **106** is joined to first major panel **104a** along a longitudinal fold line **110**. The main panel **102** is joined to the first minor panel **106** along a longitudinal fold line **112**. The second minor panel **108** is joined to the main panel **102** along a longitudinal fold line **114**. The second major panel **104b** is joined to the second minor panel **108** along a longitudinal fold line **116**. Fold lines **110**, **112**, **116** are substantially parallel and substantially equal in length, as indicated by **L1**. Fold line **114** is substantially parallel to fold lines **110**, **112**, and **116**, but is somewhat shorter in length, as indicated by **L2**.

The blank **100** includes partial end panels **118a**, **118b** respectively joined to panels **104a**, **104b** along respective curved fold line segments **120a**, **120b**. Each partial end panel **118a**, **118b** includes a respective end edge **122**, **124** that extends in the second direction, a respective exterior edge **126**, **128** that extends in the first direction between the respective fold line segment **120a**, **120b** and the respective end edge **122**, **124**, and a respective interior edge **130**, **132** that extends obliquely between the respective fold line segment **120a**, **120b** and the respective end edge **122**, **124**. Edges **130**, **132** form respective angles **A1**, **A2** with respect to theoretical extensions of fold lines **110**, **116** (shown with dashed lines in **FIG. 1A**), such that the respective width **W1**, **W2** of each partial end panel **118a**, **118b** tapers or decreases from the respective fold line segment **120a**, **120b** to the respective end edge **122**, **124**. Optionally, partial end panel **118a** includes a tab or other locking feature **134** extending from end edge **122**.

The blank **100** also includes an end panel **136** joined to the main panel **102** along a substantially arcuate fold line **138**. In this example, the end panel **136** is somewhat lentiform in shape (i.e., shaped like a biconvex lens), with an outwardly arcuate end edge **140** opposite arcuate fold line **138**. In this example, the end panel **136** is asymmetrical or flared in shape, with a pair of side edges **142**, **144** that extend divergently and obliquely from the endpoints of fold line **138** to the endpoints of end edge **140**. However, more symmetrical end panels are contemplated. Edges **142**, **144** form respective angles **A3**, **A4** with respect to theoretical extensions of fold lines **112**, **114** (shown with dashed lines in **FIG. 1A**), such that the width **W3** of the end panel **136** increases from fold line **138** to end edge **140**. In this example, angles **A3** and **A4** are substantially equal. However, it is contemplated that angles **A3** and **A4** may differ. The end panel **136** includes a somewhat T-shaped slit **146** substantially centered between side edges **142**, **144**. The slit **146** is generally configured to receive the locking feature **134**.

In this and other aspects of the invention, it will be understood that other shapes for the end panel **136** and various other panels are contemplated. For example, any of the various panels may be oval, rectangular, square, diamond-shaped, trapezoidal, polygonal, or may be any other regular or irregular shape. It

also is contemplated that fold line **138** and end edge **140** may have any suitable shape, for example, curved, V-shape, zigzag shape, or any other linear, curvilinear, symmetrical, or asymmetrical shape.

If desired, one or both of the first minor panel **106** and the second minor
5 panel **108** may include respective longitudinal fold lines **148**, **150**. Fold line **148** divides minor panel **106** into two sections or segments, each having a length **L1**. Fold line **150** divides minor panel **108** into two sections or segments having differing lengths, **L1** and **L2**, thereby defining a cutout **152**. The length of minor panel **106** is approximately equal to the length of the portion of minor panel **108**
10 that lies between fold line **150** and fold line **116**.

In this example, longitudinal fold lines **148**, **150** are slightly offset from the longitudinal centerline of respective panels **106**, **108**. Specifically, fold line **148** is slightly closer to fold line **112** and fold line **150** is slightly closer to fold line **114**. By configuring the fold lines **148**, **150** in this manner, when a construct **174** is
15 formed from the blank **100** and substantially flattened by folding along fold lines **148**, **150**, the endpoints of edge **140** do not extend beyond fold lines **110** and **116** (best seen in **FIGS. 1D** and **1E**). Likewise, tab **162** does not extend beyond fold line **116**. This allows for more efficient cutting of the blank **100** and more efficient packaging and shipping of the construct **174**. It will be understood that
20 the precise positioning of fold lines **148** and **150** will vary depending on the shape of end panel **136**, the length of edges **142**, **144**, **140**, and angles **A3**, **A4**. Thus, in some embodiments, one or both of fold lines **158**, **160** may be substantially centered or may be offset respectively towards fold lines **110**, **112**, **114**, **116**.

Returning to **FIG. 1A**, the first minor panel **106** and the second minor
25 panel **108** optionally include one or more respective apertures **154**, **156**. In the example shown in **FIG. 1A**, aperture **154** is substantially circular in shape and is substantially centered between fold lines **110**, **112**. Likewise, aperture **156** is substantially circular in shape and is substantially centered between longitudinal fold lines **114**, **116**. However, it will be understood that in this and other aspects
30 of the invention described herein and contemplated hereby, the number, shape, size, and positioning of such apertures may vary for a particular application

depending on type of construct being formed from the blank, the food item to be heated therein or thereon, the desired degree of browning and/or crisping, whether direct exposure to microwave energy is needed or desired to attain uniform heating of the food item, the need for regulating the change in temperature of the food item through direct heating, and whether and to what extent there is a need for venting.

Still viewing **FIG. 1A**, the blank **100** includes a removable portion **158** defined at least partially by a tear line or other line of disruption **160** extending in the transverse direction across at least a portion of panels **102**, **104a**, **104b**, **106**, **108**. The removable portion **158** includes an extension or tab **162** extending from the main panel **102** adjacent to peripheral edge **164** of the blank **100**. An oblique tear line **166** extends from the tab **162** towards, and may abut, tear line **160**. In this example, the tab **162** is somewhat rounded in shape. However, it will be understood that, in this and other examples, the tab or extension may have any shape as needed or desired. For example, the extension may be oval, rectangular, square, diamond-shaped, trapezoidal, polygonal, or any other regular or irregular shape. Alternatively, the tear lines **160**, **166**, cutout **152**, and tab **162** may be omitted.

If desired, a microwave energy interactive element **168** may overlie at least a portion of blank **100**, as shown schematically by stippling in **FIG. 1B**. The microwave energy interactive element may define at least a portion of the interior surface of a construct **170**, **182** formed from the blank **100**, as shown schematically by stippling in **FIGS. 1C-1H**. In one example, the microwave energy interactive element comprises a susceptor. However, other microwave energy interactive elements, such as those described below, are contemplated for use with the invention.

Turning now to **FIGS. 1C-1E**, numerous sequences of steps may be used to form a sleeve or other construct according to the invention. In one example shown in **FIG. 1C**, the blank **100** may be folded along longitudinal fold lines **110**, **112**, **114**, **116** and edges **170**, **172** brought towards each other to form a sleeve **174** having two open ends **176**, **178** with a cavity or interior space **180** therebetween.

As shown schematically in **FIG. 1D**, the first and second major panels **104a**, **104b** may be overlapped as needed to form a second main panel **104**, partial end panels **118a**, **118b** may be overlapped as needed to form end panel **118**, and fold line segments **120a**, **120b** may be overlapped as needed to form fold line **120**. The
5 overlapped panels may be joined to one another using an adhesive or other suitable material or technique. In this configuration, the panels **118**, **136** are in a substantially opposed, facing relationship with the opposed side edges **142**, **144** of end panel **136** extending divergently from the first main panel **102** and opposed side edges **130**, **132** of end panel **118** extending convergently from the second
10 main panel **104**.

It will be understood that, in some embodiments (not shown), the first major panel **104a** (or simply “major panel”) may be dimensioned so that no additional major panel (e.g., the second major panel **104b**) is needed to form the second main panel **104**. In such an example, the major panel **104a** may be folded
15 over and glued to the respective minor panel using a glue flap or otherwise, such that the major panel **104a** would serve as the second main panel **104**. Further, it will be understood that although several exemplary blanks are illustrated herein, numerous other blanks may be used to form a construct according to the invention. Thus, the invention is not limited to blanks with the left-to-right arrangement of
20 panels illustrated in the figures. Instead, a blank may have “leftmost” and “rightmost” panel (as viewed, for example, in the figures) comprising a main panel, a major panel, a minor panel, a glue flap, or any combination thereof.

The first minor panel **106** and second minor panel **108** form opposed side walls for the construct **170**, which may be flattened partially (**FIG. 1C**) or
25 substantially (**FIGS. 1D** and **1E**) by folding inwardly along fold lines **148**, **150**. The sleeve **174** includes a removable portion **158** comprising the removable portion **158** of the blank **100**.

To use the construct **170** according to one acceptable method, a food item (not shown) may be inserted through an open end **176** or **178**, and the construct
30 with the food item inside may be placed into a microwave oven (not shown). As the food item is heated, the susceptor **168** converts microwave energy to thermal

energy, which generally enhances the browning and/or crisping of the surface of the food item. Since many food items have a somewhat irregular shape, it is contemplated that in this and other aspects of the invention, any of the panels, for example, the first main panel **102**, the first major panel **104a**, or the second major panel **104b**, may include one or more fold lines, score lines, cut lines, cut crease lines, or other lines of disruption along all or a portion of the length or width thereof to accommodate the contours of the particular food item heated therein and to bring the susceptor **168** into closer proximity with the surface of the food item. Any steam generated during heating may be released through the open ends **176**, **178** of the sleeve **170** and/or through apertures **154**, **156**.

After the item is heated sufficiently, the user may remove the food item and discard the construct **170**. Alternatively, the user may fold end panels **118** and **136** towards the interior **180** of the sleeve **170** to form a container or construct **182** having an open end **176** and a closed end **178**, as shown in **FIGS. 1F** and **1G**. Alternatively still, the closed end **178** may be formed at other times.

The container **182** may be used to support the food item in an upright configuration with the food item resting on the overlapped panels **118**, **136**, which collectively serve as a base for the container **182**. This provides a convenient means for comfortably handling the heated food item. Tab **134** may be inserted into slit **146** to secure the end panels **118**, **136** in a locked configuration.

As best illustrated in **FIG. 1G**, the closed end or base **178** of the container **182** is somewhat enlarged or widened relative to the open end **176**, causing the sides **102**, **104** (comprising panels **102a**, **102b**, **104** of blank **100**) to bulge somewhat outwardly from the interior space **180**. As a result, the construct **182** may be able to accommodate various irregular shaped food items, for example, croissant sandwiches, baguettes, calzones, or any other item. Furthermore, by having a wider base, the container **182** may be more stable when seated in an upright configuration on a surface. Such a shape also might be easier to grasp for some users.

As the food item is consumed, the construct **182** may begin to interfere with accessing the food item. If desired, the user may insert a finger or other

implement into cutout **152**, grasp tab **162**, and begin to separate the removable portion **158** from the remainder of the construct **182** along tear lines **160**, **166**, as shown in **FIG. 1H**. Further pulling results in complete separation of the removable portion **158** from the construct **182**, thereby allowing greater access to
 5 the food item therein.

It will be understood that while the exemplary blank **100** of **FIGS. 1A** and **1B** and the exemplary constructs **174**, **182** of **FIGS. 1C-1H** include only one removable portion **158**, any number and configuration of removable portions may be used in accordance with the invention. Additionally, it will be understood that
 10 in this and other aspects of the invention, any type of tear line or other line of disruption may be used to define the removable portion. For example, the line of disruption may include a score line, a cut line, a perforated line, kiss cut line, zigzag cut line, zipper cut line, any other suitable line of disruption, or any combination thereof.

FIGS. 2-10 illustrate examples of blanks including other arrangements of tear lines, cutouts, and other features that define removable portions. Such arrangements of tear lines may be used with other blanks, as illustrated in U.S. Patent Application Publication No. US 2007/0131742A1, U.S. Patent Application Publication No. US 2007/0131743A1, U.S. Patent Application Publication No. US
 15 2007/0131744A1, U.S. Patent Application Publication No. US 2007/0131745A1, U.S. Patent Application Publication No. US 2007/0138247A1, and PCT Publication No. WO/2007/067705.

The various blanks **200**, **300**, **400**, **500**, **600**, **700**, **800**, **900**, **1000** include features that are similar to blank **100** shown in **FIGS. 1A** and **1B**, except for
 25 variations noted and variations that will be understood by those of skill in the art. For simplicity, and not limitation, the reference numerals of similar features are preceded in the figures with a “**2**” (**FIG. 2**), “**3**” (**FIG. 3**), “**4**” (**FIG. 4**), “**5**” (**FIG. 5**), “**6**” (**FIG. 6**), “**7**” (**FIG. 7**), “**8**” (**FIG. 8**), “**9**” (**FIG. 9**), “**10**” (**FIG. 10**) instead of a “**1**”. Such blanks may be used to form sleeves, containers, and other

30

constructs according to the invention, as described in connection with **FIGS. 1A-1H**.

Viewing **FIG. 2**, the blank **200** is similar to the blank **100** of **FIG. 1**, except that cutout **252** extends substantially between tab **262** and fold line **216**. Thus, minor panel **208** has an overall length **L3** that is less than the length **L4** of minor panel **206**. Likewise, fold line **250** has a length **L3** that is less than the length **L4** of fold line **248**. In some instances, the larger cutout **252** may facilitate separation of the removable portion **258** along tear lines **260, 266**.

FIG. 3 schematically depicts another blank **300** according to various aspects of the invention. The blank **300** includes a removable portion **358** at least partially defined by a transverse line of disruption or tear line **360** extending across at least a portion of each of panels **302, 304a, 304b, 306, 308**. The removable portion **358** includes an extension or tab **362** that partially defines edge **372**. In this example, the tab **362** is somewhat arcuate in shape. However, it will be understood that the extension may have any shape as needed or desired, such as those described above. Tear lines **366a, 366b** extend from tab **362** and terminate proximate edge **364** and transverse tear line **360**, respectively. Tear lines **366a, 366b** cooperate with tab **362** to facilitate removal of the removable portion **358**. The tab and tear lines may have any suitable shape and configuration.

The removable portion **358** also includes a cutout **384** that partially defines edge **370**. In this example, cutout **384** is somewhat arcuate in shape. As with the tab, the cutout may have any suitable shape as needed or desired, which may or may not correspond to the shape or dimensions of the tab. The removable portion **358** also includes a gluing area **386** adjacent the cutout **384**. In the blank **300** shown in **FIG. 3**, the gluing area **386** is shaped somewhat like an arch or bridge. However, it will be understood that the gluing area may have any suitable shape as needed or desired.

FIG. 4 schematically depicts another blank **400** according to various aspects of the invention. In this example, the blank **400** includes a first removable portion **458a** and a second removable portion **458b**, each extending in the transverse direction. Each removable portion **458a, 458b** includes at least a

portion of each of panels **402**, **404a**, **404b**, **406**, **408**. The first removable portion **458a** is joined to the second removable portion **458b** along a transverse tear line **460a**. The second removable portion **458b** is joined to the remainder of panels **402**, **404a**, **404b**, **406**, **408** along a transverse tear line **460b**.

5 The first and second removable portions **458a**, **458b** each include respective extensions or tabs **462a**, **462b** that partially define a peripheral edge **472** extending in the longitudinal direction. In this example, tabs **462a**, **462b** are substantially arcuate in shape. However, it will be understood that the extension may have any shape as needed or desired, such as those described above. Tear
10 lines **466a**, **466b** extend from and may cooperate with tab **462a** to facilitate removal of removable portion **458a**. Likewise, tear lines **466c**, **466d** extend from and may cooperate with tab **462b** to facilitate removal of removable portion **458b**.

 The first and second removable portions **458a**, **458b** each include a respective cutout **484a**, **484b** that partially define peripheral edge **470** extending in
15 the longitudinal direction. In this example, cutouts **484a**, **484b** are substantially semi-circular or arcuate in shape. However, cutouts **484a**, **484b** may have any suitable shape as needed or desired, and may or may not correspond to the shape or dimensions of tabs **462a**, **462b**. The removable portions **458a**, **458b** also include respective gluing areas **486a**, **486b** adjacent to cutouts **484a**, **484b**. In this
20 example, gluing areas **486a**, **486b** are shaped somewhat like an arch or bridge. However, the gluing areas may have any suitable shape as needed or desired.

FIG. 5 schematically depicts another blank **500** according to various aspects of the invention. The blank **500** includes a removable portion **558** defined at least partially by a transverse tear line **560** extending across a portion of each of
25 panels **502**, **504a**, **504b**, **506**, **508**.

 The removable portion **558** includes a somewhat triangular tab **562** extending from the main panel **502**. In this example, tab **562** comprises at least a portion of minor panel **508** and is defined by a somewhat arcuate or V-shaped cut line **588**. However, it will be understood that the location and shape of tab **562**
30 may vary for a particular application. Tear lines **566a**, **566b** extend from cut line **588** towards, and may abut, edge **564** and transverse tear line **560**, respectively,

and may cooperate with tab **562** to facilitate removal of the removable portion **558**.

FIG. 6 schematically depicts another blank **600** according to various aspects of the invention. In this example, the blank **600** includes a removable portion **658** defined at least partially by a transverse tear line **660** extending across at least a portion of panels **602**, **604a**, **604b**, **606**, **608**. The removable portion **658** includes a somewhat elongate cutout **652** in the first main panel **602** and the second minor panel **608** terminating proximate to fold line **650**. The portion of cutout **652** in the first main panel **602** is somewhat semi-circular in shape with an arcuate grasping edge **688**. The portion of the cutout **652** in the second minor panel **608** is generally rectangular or square in shape. Tear lines **666a**, **666b** extend from edge **688** towards, and may abut, edge **664** and transverse tear line **660**, respectively, and cooperate with grasping edge **688** to facilitate removal of the removable portion **658**.

FIG. 7 schematically depicts another blank **700** according to various aspects of the invention. The blank of **FIG. 7** is similar to the blank of **FIG. 6**, except that cutout **752** lies within the second minor panel **708** and extends substantially between fold lines **714** and **750**. The cutout **752** is somewhat square or rectangular in shape with a substantially straight grasping edge **788** substantially aligned with fold line **714**.

FIG. 8 schematically depicts another blank **800** according to various aspects of the invention. In this example, panels **802**, **804a**, **804b**, **806**, **808** collectively form a plurality of removable portions comprising tear strip sections **858a**, **858b**, **858c**, **858d**. In this example, each section **858a**, **858b**, **858c**, **858d** initiates at panel **804a**, extends diagonally across panels **806**, **802**, **808**, and terminates at panel **804b**. However, it will be understood that any number of tear strip sections may be used, and each of such tear strip sections may initiate and terminate at any panel, as needed or desired for a particular application.

In this example, section **858a** is joined to section **858b** along oblique tear line **860a**. Section **858b** is joined to section **858c** along an oblique tear line **860b**. Section **858c** is joined to section **858d** along an oblique tear line **860c**. In this

example, tear lines **860a**, **860b**, **860c** are substantially parallel. However, other configurations may be used with the invention. The various tear strip sections **858a**, **858b**, **858c**, **858d** and tear line segments **860a**, **860b**, **860c** are positioned so that when the blank **800** is formed into a sleeve or other construct (not shown), the terminus of one section and corresponding tear line is the origin of the next. In this manner, a single, continuous tear strip may be formed along a substantially continuous oblique tear line (not shown).

The blank **800** includes a tab **862** or other grasping feature that facilitates initiation of a tear along tear line **860a**. The tab **862** may have any suitable shape as desired. In this example, the tab **862** is shown as being a portion of the first major panel **804a**. However, the tab **862** may be a portion of any of the various other panels, for example, panels **802**, **806**, **808**, or **804b**.

FIG. 9 schematically depicts another blank **900** according to various aspects of the invention. In this example, panels **902**, **904a**, **904b**, **906**, **908** are joined along respective longitudinal tear lines **910**, **912**, **914**, **916**.

Any one or more of panels **902**, **904a**, **904b**, **906**, **908** may serve as a removable portion of the blank **900** or construct formed therefrom (not shown) by tearing at least partially along at least one of longitudinal tear lines **910**, **912**, **914**, **916**. For example, first major panel **904a** may be separated at least partially from the remainder of the blank **900** by tearing along tear line **910**. First minor panel **906** may be separated at least partially from the remainder of the blank **900** by tearing along tear line **910** and/or tear line **912**. Main panel **902** may be separated at least partially from the remainder of the blank **900** by tearing along tear line **912** and/or tear line **914**. Second minor panel **908** may be separated at least partially from the remainder of the blank **900** by tearing along tear line **914** and/or tear line **916**. Second major panel **904b** may be separated at least partially from the remainder of the blank **900** by tearing along tear line **916**.

Tear lines **910**, **912**, **914**, **916** also serve as fold lines in forming a construct (not shown). However, it is contemplated that the removable portion of the blank may be formed or defined by one or more lines of disruption that do not also serve as fold lines.

The first minor panel **906** and the second minor panel **908** include respective extensions or tabs **962a**, **962b** that extend beyond panels **902**, **904a**, **904b**, such that the overall length **L5** of each of minor panels **906**, **908** including respective extensions **962a**, **962b** is greater than the length **L6** of panels **902**, **904a**, **904b** (measured at the longest point). In this example, tabs **962a**, **962b** are somewhat semi-circular or obround in shape. However, numerous other shapes are contemplated hereby, such as those described above. Either or both tabs **962a**, **962b** may be grasped by a user to facilitate separation of the construct (not shown) along one or more of tear lines **910**, **912**, **914**, **916** to gain access to a food item (not shown) inside.

FIG. 10 schematically depicts still another blank **1000** according to various aspects of the invention. In this example, the main panel **1002** includes a removable portion **1058** defined by a line of disruption **1090**, for example, a tear line or an offset kiss cut line, that initiates and terminates along the peripheral edge **1064** of the blank **1000** along the main panel **1002**. In the example illustrated in **FIG. 10**, the removable portion **1058** generally resembles an arrow with an arcuate tab or extension **1062** defined at least partially by a cut line or slit **1088** adjacent to end panel **1036**. The tab **1062** generally may be shaped to facilitate separation of the removable portion **1058** from the main panel **1002**.

While the various blanks and constructs illustrated in **FIGS. 1A-10** include a removable portion, it will be understood that numerous blanks and constructs without a removable portion are contemplated by the invention. For example, **FIG. 11** schematically depicts a blank **1000** similar to **FIG. 10** without the removable portion **1058**. A sleeve, container, or other construct (not shown) may be formed from the blank **1100** in a manner similar to that described above. However, a container formed from the blank **1100** would not include a removable portion defined by one or more lines of disruption. Thus, the user may need to remove the food item from the container when the food item becomes difficult to access. Alternatively, the user may manually tear and/or remove one or more portions of the container to access the food item.

Numerous materials may be suitable for use in forming the various blanks and constructs of the invention, provided that the materials are resistant to softening, scorching, combusting, or degrading at typical microwave oven heating temperatures, for example, at from about 250°F to about 425°F. The particular
5 materials used may include microwave energy interactive materials and microwave energy transparent or inactive materials.

For example, any of the various blanks or constructs of the present invention may include one or more features that alter the effect of microwave energy during the heating or cooking of the food item. For example, the blank or
10 construct may be formed at least partially from one or more microwave energy interactive elements (hereinafter sometimes referred to as “microwave interactive elements”) that promote browning and/or crisping of a particular area of the food item, shield a particular area of the food item from microwave energy to prevent overcooking thereof, or transmit microwave energy toward or away from a
15 particular area of the food item. Each microwave interactive element comprises one or more microwave energy interactive materials or segments arranged in a particular configuration to absorb microwave energy, transmit microwave energy, reflect microwave energy, or direct microwave energy, as needed or desired for a particular microwave heating construct and food item.

20 The microwave interactive element may be supported on a microwave inactive or transparent substrate for ease of handling and/or to prevent contact between the microwave energy interactive material and the food item. As a matter of convenience and not limitation, and although it is understood that a microwave interactive element supported on a microwave transparent substrate includes both
25 microwave interactive and microwave inactive elements or components, such constructs are referred to herein as “microwave interactive webs”.

The microwave energy interactive material may be an electroconductive or semiconductive material, for example, a metal or a metal alloy provided as a metal foil; a vacuum deposited metal or metal alloy; or a metallic ink, an organic ink, an
30 inorganic ink, a metallic paste, an organic paste, an inorganic paste, or any

combination thereof. Examples of metals and metal alloys that may be suitable for use with the present invention include, but are not limited to, aluminum, chromium, copper, inconel alloys (nickel-chromium-molybdenum alloy with niobium), iron, magnesium, nickel, stainless steel, tin, titanium, tungsten, and any
5 combination or alloy thereof.

Alternatively, the microwave energy interactive material may comprise a metal oxide. Examples of metal oxides that may be suitable for use with the present invention include, but are not limited to, oxides of aluminum, iron, and tin, used in conjunction with an electrically conductive material where needed.
10 Another example of a metal oxide that may be suitable for use with the present invention is indium tin oxide (ITO). ITO can be used as a microwave energy interactive material to provide a heating effect, a shielding effect, a browning and/or crisping effect, or a combination thereof. For example, to form a susceptor, ITO may be sputtered onto a clear polymer film. The sputtering process typically
15 occurs at a lower temperature than the evaporative deposition process used for metal deposition. ITO has a more uniform crystal structure and, therefore, is clear at most coating thicknesses. Additionally, ITO can be used for either heating or field management effects. ITO also may have fewer defects than metals, thereby making thick coatings of ITO more suitable for field management than thick
20 coatings of metals, such as aluminum.

Alternatively, the microwave energy interactive material may comprise a suitable electroconductive, semiconductive, or non-conductive artificial dielectric or ferroelectric. Artificial dielectrics comprise conductive, subdivided material in a polymeric or other suitable matrix or binder, and may include flakes of an
25 electroconductive metal, for example, aluminum.

In one example, the microwave interactive element may comprise a thin layer of microwave interactive material (generally less than about 100 angstroms in thickness, for example, from about 60 to about 100 angstroms in thickness) that tends to absorb at least a portion of impinging microwave energy and convert it to
30 thermal energy (i.e., heat) at the interface with a food item. Such elements often are used to promote browning and/or crisping of the surface of a food item

(sometimes referred to as a “browning and/or crisping element”). When supported on a film or other substrate, such an element may be referred to as a “susceptor film” or, simply, “susceptor”. Where the substrate is a blank, carton, or other construct including a plurality of panels, a susceptor may overlie all or a portion of one or more of the panels, as illustrated schematically in **FIG. 1B**, and may form at least a portion of the surface proximate the food item, as illustrated schematically in **FIGS. 1C-1H**. However, other microwave energy interactive elements, such as those described herein, are contemplated for use with the invention.

10 For example, the microwave interactive element may comprise a foil having a thickness sufficient to shield one or more selected portions of the food item from microwave energy (sometimes referred to as a “shielding element”). Such shielding elements may be used where the food item is prone to scorching or drying out during heating. The shielding element may be formed from various materials and may have various configurations, depending on the particular application for which the shielding element is used. Typically, the shielding element is formed from a conductive, reflective metal or metal alloy, for example, aluminum, copper, or stainless steel. The shielding element generally may have a thickness of from about 0.000285 inches to about 0.05 inches. In one aspect, the shielding element has a thickness of from about 0.0003 inches to about 0.03 inches. In another aspect, the shielding element has a thickness of from about 0.00035 inches to about 0.020 inches, for example, 0.016 inches.

As still another example, the microwave interactive element may comprise a segmented foil, such as, but not limited to, those described in U.S. Patent Nos. 6,204,492, 6,433,322, 6,552,315, and 6,677,563. Although segmented foils are not continuous, appropriately spaced groupings of such segments may act as a transmitting element to direct microwave energy to specific areas of the food item. Such foils also may be used in combination with browning and/or crisping elements, for example, susceptors.

Any of the numerous microwave interactive elements described herein or contemplated hereby may be substantially continuous, that is, without substantial breaks or interruptions, or may be discontinuous, for example, by including one or more breaks or apertures that transmit microwave energy therethrough. The
5 breaks or apertures may be sized and/or positioned to heat particular areas of the food item selectively. As stated previously, the number, shape, size, and positioning of such breaks or apertures may vary for a particular application depending on type of construct being formed, the food item to be heated therein or thereon, the desired degree of shielding, browning, and/or crisping, whether direct
10 exposure to microwave energy is needed or desired to attain uniform heating of the food item, the need for regulating the change in temperature of the food item through direct heating, whether and to what extent there is a need for venting, and numerous other factors.

It will be understood that the aperture may be a physical aperture or void in
15 the material used to form the construct, or may be a non-physical "aperture". A non-physical aperture may be a portion of the construct that is microwave energy inactive by deactivation or otherwise, or one that is otherwise transparent to microwave energy. Thus, for example, the aperture may be a portion of the construct formed without a microwave energy interactive material or,
20 alternatively, may be a portion of the construct formed with a microwave energy interactive material that has been deactivated. While both physical and non-physical apertures allow the food item to be heated directly by the microwave energy, a physical aperture also provides a venting function to allow steam or other vapors to be released from the food item.

25 It also may be beneficial to create one or more discontinuities or inactive regions to prevent overheating or charring of the construct. By way of example, and not limitation, in the constructs **174**, **182** illustrated in **FIGS. 1C-1H**, panels **104a** and **104b** are overlapped to form the second main panel **104**. When exposed to microwave energy, the concentration of heat generated by the overlapped panels
30 may be sufficient to cause the underlying support, in this case, paperboard, to become scorched. As such, the overlapping portions of one or both of panels **104a**

and **104b** may be designed to be microwave inactive, for example, by forming these areas without a microwave energy interactive material or by deactivating the microwave energy interactive material in these areas.

Further still, one or more panels, portions of panels, or portions of the
5 construct may be designed to be microwave energy inactive to ensure that the microwave energy is focused efficiently on the areas to be browned and/or crisped, rather than being lost to portions of the food item not intended to be browned and/or crisped or to the heating environment.

As stated above, any of the above elements and numerous others
10 contemplated hereby may be supported on a substrate. The substrate typically comprises an electrical insulator, for example, a polymer film or other polymeric material. As used herein the terms “polymer”, “polymer film”, and “polymeric material” include, but are not limited to, homopolymers, copolymers, such as for example, block, graft, random, and alternating copolymers, terpolymers, etc. and
15 blends and modifications thereof. Furthermore, unless otherwise specifically limited, the term “polymer” shall include all possible geometrical configurations of the molecule. These configurations include, but are not limited to isotactic, syndiotactic, and random symmetries.

The thickness of the film typically may be from about 35 gauge to about 10
20 mil. In one aspect, the thickness of the film is from about 40 to about 80 gauge. In another aspect, the thickness of the film is from about 45 to about 50 gauge. In still another aspect, the thickness of the film is about 48 gauge. Examples of polymer films that may be suitable include, but are not limited to, polyolefins, polyesters, polyamides, polyimides, polysulfones, polyether ketones, cellophanes,
25 or any combination thereof. Other non-conducting substrate materials such as paper and paper laminates, metal oxides, silicates, cellulose, or any combination thereof, also may be used.

In one example, the polymer film comprises polyethylene terephthalate (PET). Polyethylene terephthalate films are used in commercially available
30 susceptors, for example, the QWIKWAVE[®] Focus susceptor and the MICRORITE[®] susceptor, both available from Graphic Packaging International

(Marietta, Georgia). Examples of polyethylene terephthalate films that may be suitable for use as the substrate include, but are not limited to, MELINEX[®], commercially available from DuPont Teijan Films (Hopewell, Virginia), SKYROL, commercially available from SKC, Inc. (Covington, Georgia), and
5 BARRIALOX PET, available from Toray Films (Front Royal, VA), and QU50 High Barrier Coated PET, available from Toray Films (Front Royal, VA).

The polymer film may be selected to impart various properties to the microwave interactive web, for example, printability, heat resistance, or any other property. As one particular example, the polymer film may be selected to provide
10 a water barrier, oxygen barrier, or a combination thereof. Such barrier film layers may be formed from a polymer film having barrier properties or from any other barrier layer or coating as desired. Suitable polymer films may include, but are not limited to, ethylene vinyl alcohol, barrier nylon, polyvinylidene chloride, barrier fluoropolymer, nylon 6, nylon 6,6, coextruded nylon 6/EVOH/nylon 6,
15 silicon oxide coated film, barrier polyethylene terephthalate, or any combination thereof.

One example of a barrier film that may be suitable for use with the present invention is CAPRAN[®] EMBLEM 1200M nylon 6, commercially available from Honeywell International (Pottsville, Pennsylvania). Another example of a barrier
20 film that may be suitable is CAPRAN[®] OXYSHIELD OBS monoaxially oriented coextruded nylon 6/ethylene vinyl alcohol (EVOH)/nylon 6, also commercially available from Honeywell International. Yet another example of a barrier film that may be suitable for use with the present invention is DARTEK[®] N-201 nylon 6,6, commercially available from Enhance Packaging Technologies (Webster,
25 New York). Additional examples include BARRIALOX PET, available from Toray Films (Front Royal, VA) and QU50 High Barrier Coated PET, available from Toray Films (Front Royal, VA), referred to above.

Still other barrier films include silicon oxide coated films, such as those available from Sheldahl Films (Northfield, Minnesota). Thus, in one example, a
30 susceptor may have a structure including a film, for example, polyethylene terephthalate, with a layer of silicon oxide coated onto the film, and ITO or other

material deposited over the silicon oxide. If needed or desired, additional layers or coatings may be provided to shield the individual layers from damage during processing.

5 The barrier film may have an oxygen transmission rate (OTR) as measured using ASTM D3985 of less than about 20 cc/m²/day. In one aspect, the barrier film has an OTR of less than about 10 cc/m²/day. In another aspect, the barrier film has an OTR of less than about 1 cc/m²/day. In still another aspect, the barrier film has an OTR of less than about 0.5 cc/m²/day. In yet another aspect, the barrier film has an OTR of less than about 0.1 cc/m²/day.

10 The barrier film may have a water vapor transmission rate (WVTR) of less than about 100 g/m²/day as measured using ASTM F1249. In one aspect, the barrier film has a water vapor transmission rate of less than about 50 g/m²/day. In another aspect, the barrier film has a WVTR of less than about 15 g/m²/day. In yet another aspect, the barrier film has a WVTR of less than about 1 g/m²/day. In still another aspect, the barrier film has a WVTR of less than about 0.1 g/m²/day. In a still further aspect, the barrier film has a WVTR of less than about 0.05 g/m²/day.

Other non-conducting substrate materials such as metal oxides, silicates, cellulose, or any combination thereof, also may be used in accordance with the present invention.

20 The microwave energy interactive material may be applied to the substrate in any suitable manner, and in some instances, the microwave energy interactive material is printed on, extruded onto, sputtered onto, evaporated on, or laminated to the substrate. The microwave energy interactive material may be applied to the substrate in any pattern, and using any technique, to achieve the desired heating effect of the food item. For example, the microwave energy interactive material may be provided as a continuous or discontinuous layer or coating including circles, loops, hexagons, islands, squares, rectangles, octagons, and so forth. Examples of various patterns and methods that may be suitable for use with the present invention are provided in U.S. Patent Nos. 6,765,182; 6,717,121; 25 6,677,563; 6,552,315; 6,455,827; 6,433,322; 6,410,290; 6,251,451; 6,204,492; 30 6,150,646; 6,114,679; 5,800,724; 5,759,418; 5,672,407; 5,628,921; 5,519,195;

5,420,517; 5,410,135; 5,354,973; 5,340,436; 5,266,386; 5,260,537; 5,221,419;
5,213,902; 5,117,078; 5,039,364; 4,963,420; 4,936,935; 4,890,439; 4,775,771;
4,865,921; Re. 34,683. Although particular examples of patterns of microwave
energy interactive material are shown and described herein, it should be
5 understood that other patterns of microwave energy interactive material are
contemplated by the present invention.

The microwave interactive element or microwave interactive web may be
joined to or overlie a dimensionally stable, microwave energy transparent support
(also referred to as “microwave transparent support”, “microwave inactive
10 support” or “support”) to form at least a portion of the construct.

In one aspect, for example, where a rigid or semi-rigid construct is to be
formed, all or a portion of the support may be formed at least partially from a
paperboard material, which may be cut into a blank prior to use in the construct.
For example, the support may be formed from paperboard having a basis weight of
15 from about 60 to about 330 lbs/ream, for example, from about 80 to about 140
lbs/ream. The paperboard generally may have a thickness of from about 6 to
about 30 mils, for example, from about 12 to about 28 mils. In one particular
example, the paperboard has a thickness of about 12 mils. Any suitable
paperboard may be used, for example, a solid bleached or solid unbleached sulfate
20 board, such as SUS® board, commercially available from Graphic Packaging
International.

In another aspect, where a more flexible construct is to be formed, the
support may comprise a paper or paper-based material generally having a basis
weight of from about 15 to about 60 lbs/ream, for example, from about 20 to about
25 40 lbs/ream. In one particular example, the paper has a basis weight of about 25
lbs/ream.

Optionally, one or more portions or sides of the various blanks or other
constructs described herein or contemplated hereby may be coated with varnish,
clay, or other materials, either alone or in combination. For example, at least the
30 side of the support that will form an exterior surface of a construct erected

therefrom may be coated with a clay coating or other base coating. The coating may then be printed over with product advertising, images, price coding, any other information or indicia, or any combination thereof. The blank or construct may then be overcoated with a varnish to protect any information printed thereon.

5 Furthermore, the blanks or other constructs may be coated with, for example, a moisture and/or oxygen barrier layer, on either or both sides, such as those described above. Any suitable moisture and/or oxygen barrier material may be used in accordance with the present invention. Examples of materials that may be suitable include, but are not limited to, polyvinylidene chloride, ethylene vinyl
10 alcohol, DuPont DARTEK™ nylon 6,6, and others referred to above.

 Alternatively or additionally, any of the blanks or other constructs of the present invention may be coated or laminated with other materials to impart other properties, such as absorbency, repellency, opacity, color, printability, stiffness, or cushioning. For example, absorbent susceptors are described in U.S. Patent
15 Application Publication No. US 2006/0049190 A1, published March 9, 2006. Additionally, the blanks or other constructs may include graphics or indicia printed thereon.

 It will be understood that with some combinations of elements and materials, the microwave interactive element may have a grey or silver color that
20 is visually distinguishable from the substrate or the support. However, in some instances, it may be desirable to provide a web or construct having a uniform color and/or appearance. Such a web or construct may be more aesthetically pleasing to a consumer, particularly when the consumer is accustomed to packages or containers having certain visual attributes, for example, a solid color, a particular
25 pattern, and so on. Thus, for example, the present invention contemplates using a silver or grey toned adhesive to join the microwave interactive elements to the substrate, using a silver or grey toned substrate to mask the presence of the silver or grey toned microwave interactive element, using a dark toned substrate, for example, a black toned substrate, to conceal the presence of the silver or grey
30 toned microwave interactive element, overprinting the metallized side of the web

with a silver or grey toned ink to obscure the color variation, printing the non-metallized side of the web with a silver or grey ink or other concealing color in a suitable pattern or as a solid color layer to mask or conceal the presence of the microwave interactive element, or any other suitable technique or combination thereof.

In the examples shown herein, the construct is somewhat rectangular in shape, suitable, for example, for heating a sandwich or breakfast pastry therein. However, it will be understood that in this and other aspects of the invention described herein or contemplated hereby, numerous suitable shapes and configurations may be used to form the various panels and, therefore, constructs. Examples of other shapes encompassed hereby include, but are not limited to, polygons, circles, ovals, cylinders, prisms, spheres, polyhedrons, and ellipsoids. The shape of each panel may be determined largely by the shape of the food item, and it should be understood that different packages are contemplated for different food items, for example, sandwiches, pizzas, French fries, soft pretzels, pizza bites, cheese sticks, pastries, doughs, and so forth. The construct may be flexible, semi-rigid, rigid, or may include a variety of components having different degrees of flexibility. Likewise, the construct may include gussets, pleats, or any other feature needed or desired to accommodate a particular food item and/or portion size. Additionally, it will be understood that the present invention contemplates blanks and constructs for single-serving portions and for multiple-serving portions.

Although certain embodiments of this invention have been described with a certain degree of particularity, those skilled in the art could make numerous alterations to the disclosed embodiments without departing from the spirit or scope of this invention. All directional references (e.g., upper, lower, upward, downward, left, right, leftward, rightward, top, bottom, above, below, vertical, horizontal, clockwise, and counterclockwise) are used only for identification purposes to aid the reader's understanding of the various embodiments of the present invention, and do not create limitations, particularly as to the position, orientation, or use of the invention unless specifically set forth in the claims. Joinder references (e.g., joined, attached, coupled, connected, and the like) are to

be construed broadly and may include intermediate members between a connection of elements and relative movement between elements. As such, joinder references do not necessarily imply that two elements are connected directly and in fixed relation to each other.

5 It will be understood that in each of the various blanks and trays described herein and contemplated hereby, a “fold line” can be any substantially linear, although not necessarily straight, form of weakening that facilitates folding therealong. More specifically, but not for the purpose of narrowing the scope of the present invention, a fold line may be a score line, such as lines formed with a
10 blunt scoring knife, or the like, which creates a crushed portion in the material along the desired line of weakness, a cut that extends partially into a material along the desired line of weakness, and/or a series of cuts that extend partially into and/or completely through the material along the desired line of weakness; or any combination of these features.

15 For example, one type of conventional tear line is in the form of a series of cuts that extend completely through the material, with adjacent cuts being spaced apart slightly so that a nick (e.g., a small somewhat bridging-like piece of the material) is defined between the adjacent cuts for typically temporarily connecting the material across the tear line. The nicks are broken during tearing along the tear
20 line. Such a tear line that includes nicks can also be referred to as a cut line, since the nicks typically are a relatively small percentage of the subject line, and alternatively the nicks can be omitted from such a cut line.

 Furthermore, various exemplary blanks and constructs are shown and described herein as having fold lines, tear lines, score lines, cut lines, kiss cut
25 lines, and other lines as extending from a particular feature to another particular feature, for example from one particular panel to another, from one particular edge to another, or any combination thereof. However, it will be understood that such lines need not necessarily extend between such features in a precise manner. Instead, such lines may generally extend between the various features as needed to
30 achieve the objective of such line. For instance, where a particular tear line is shown as extending from a first edge of a blank to another edge of the blank, the

tear line need not extend completely to one or both of such edges. Rather, the tear line need only extend to a location sufficiently proximate to the edge so that the removable strip, panel, or portion can be manually separated from the blank or construct without causing undesirable damage thereto.

5 Accordingly, it will be readily understood by those persons skilled in the art that, in view of the above detailed description of the invention, the present invention is susceptible of broad utility and application. Many adaptations of the present invention other than those herein described, as well as many variations, modifications, and equivalent arrangements will be apparent from or reasonably
10 suggested by the present invention and the above detailed description thereof, without departing from the substance or scope of the invention as set forth in the following claims.

 While the present invention is described herein in detail in relation to specific aspects, it is to be understood that this detailed description is only
15 illustrative and exemplary of the present invention and is made merely for purposes of providing a full and enabling disclosure of the present invention and to provide the best mode contemplated by the inventor or inventors of carrying out the invention. The detailed description set forth herein is not intended nor is to be construed to limit the present invention or otherwise to exclude any such other
20 embodiments, adaptations, variations, modifications, and equivalent arrangements of the present invention.

WHAT IS CLAIMED IS:

1. A blank for forming a microwave heating construct, comprising:
 - a plurality of adjoined panels, each panel having a first dimension extending in a first direction and a second dimension extending in a second direction substantially perpendicular to the first direction, the plurality of adjoined panels including
 - a main panel,
 - a first minor panel joined to the main panel,
 - a second minor panel joined to the main panel,
 - a first major panel joined to the first minor panel,
 - a second major panel joined to the second minor panel, wherein the main panel, the first minor panel, the second minor panel, the first major panel, and the second major panel are joined respectively to one another along a plurality of respective substantially parallel fold lines extending in the first direction,
 - a first partial end panel joined to the first major panel along a first curved fold line extending generally in the second direction,
 - a second partial end panel joined to the second major panel along a second curved fold line extending generally in the second direction, and
 - an end panel joined to the main panel along a substantially arcuate fold line extending generally in the second direction,
 - wherein
 - the end panel has an end edge opposite the arcuate fold line,
 - and
 - the second dimension of the end panel increases from the arcuate fold line to the end edge; and
 - microwave energy interactive material joined to at least a portion of at least one of the adjoined panels.
2. The blank of claim 1, wherein the end panel includes a pair of opposed side edges that extend divergently from the arcuate fold line to the end edge.

3. The blank of claim 1 or 2, wherein the end edge is substantially arcuate in shape.
4. The blank of claim 3, wherein the end edge is outwardly arcuate in shape.
5. The blank of any one of claims 1 to 4, wherein the first partial end panel and the second panel each include
 - an end edge opposite the respective curved fold line, and
 - a side edge that extends convergently from the respective curved fold line to the respective end edge.
6. The blank of any one of claims 1 to 5, wherein the microwave energy interactive material is configured as a susceptor, a foil, a segmented foil, or any combination thereof.
7. The blank of any one of claims 1 to 6, further comprising a removable portion including at least a portion of at least one of the first main panel, the second main panel, the first minor panel, and the second minor panel.
8. The blank of claim 7, wherein the removable portion is defined at least partially by
 - a transverse tear line extending in the second direction substantially across the adjoining panels,
 - an oblique tear line substantially abutting the transverse tear line, and
 - a cutout adjacent to the oblique tear line.
9. The blank of claim 8, wherein
 - the cutout extends inwardly from a first peripheral edge of the blank extending in the second direction,
 - the cutout at least partially defines a tab adjacent to the first peripheral edge, and
 - the oblique tear line extends substantially between the tab and the transverse tear line.

10. The blank of claim 8, wherein the cutout is disposed distal from the first peripheral edge within at least one panel of the plurality of adjoining panels.
11. The blank of claim 10, wherein
the oblique tear line is a first oblique tear line, and
the removable portion is further defined by a second oblique tear line.
12. The blank of claim 11, wherein the first oblique tear line and the second oblique tear line extend convergently towards the cutout.
13. The blank of claim 11 or 12, wherein
the first oblique tear line extends substantially between the cutout and the transverse tear line, and
the second oblique tear line extends substantially between the cutout and the first peripheral edge of the blank.
14. The blank of any one of claims 11 to 13, wherein
the cutout is at least partially disposed within the second minor panel, and
the main panel includes at least a portion of each of the first oblique tear line and the second oblique tear line.
15. The blank of claim 14, wherein the cutout is further disposed within the main panel.
16. The blank of claim 7, wherein
the removable portion is defined at least partially by a tear line extending in the second direction substantially across the adjoining panels, and
the removable portion includes
a grasping feature extending from a first peripheral edge of the blank extending in the first direction, and

a cutout along a second peripheral edge extending in the first direction opposite the first peripheral edge, the cutout being substantially opposite the grasping feature.

17. The blank of claim 16, wherein
 - the removable portion is a first removable portion,
 - the tear line is a first tear line,
 - the grasping feature is a first grasping feature,
 - the cutout is a first cutout, and
 - the blank further includes a second removable portion defined at least partially by a second tear line extending in the second direction substantially across the adjoining panels, the second removable portion including
 - a second grasping feature extending from the first peripheral edge of the blank, and
 - a second cutout along the second peripheral edge opposite the second grasping feature.

18. The blank of claim 7, wherein
 - the removable portion is defined at least partially by a tear line extending in the second direction substantially across the adjoining panels, and
 - the removable portion includes a grasping feature defined at least partially by a line of disruption in the second minor panel.

19. The blank of claim 18, wherein the line of disruption is a substantially arcuate slit including a pair of ends disposed substantially along the fold line adjoining the main panel and the second minor panel.

20. The blank of claim 19, further comprising a pair of tear lines in the main panel extending divergently from respective ends of the slit.

21. The blank of claim 20, wherein
 - the pair of tear lines includes a first tear line and a second tear line,
 - the first tear line substantially abuts the transverse tear line, and

the second tear line substantially abuts an edge of the main panel extending in the second direction.

22. The blank of claim 7, wherein

the removable portion is a first removable portion of a plurality of removable portions defined by a plurality of tear lines,

each tear line of the plurality of tear lines has a first end and a second end,

each tear line independently extends obliquely across at least a portion of least one of the plurality of adjoining panels, and

at least one of the first end and the second end of each tear line of the plurality of tear lines substantially abuts a peripheral edge of the blank.

23. The blank of claim 22, wherein

the peripheral edge includes a first edge extending in the first direction and a second edge extending in the first direction, the first edge being opposite the second edge, and

at least one tear line of the plurality of tear lines extends substantially between the first edge and the second edge.

24. The blank of claim 22 or 23, wherein each tear line of the plurality of tear lines is substantially parallel to each other tear line of the plurality of tear lines.

25. The blank of any one of claims 22 to 24, wherein

the plurality of tear lines includes at least a first tear line, a second tear line, and a third tear line, and

the first tear line is spaced from the second tear line a distance that is approximately equal to a distance between the second tear line and the third tear line.

26. The blank of claim 7, wherein

at least some of the substantially parallel fold lines extending in the first direction are tear lines, and

the removable portion is defined at least partially by

a first tear line that extends in the first direction and adjoins a first pair of adjacent panels of the plurality of adjoined panels, and

a second tear line that extends in the first direction and adjoins a second pair of adjacent panels of the plurality of adjoined panels.

27. The blank of claim 26, wherein one panel of the first pair of adjacent panels is one panel of the second pair of adjacent panels.

28. The blank of claim 26 or 27, wherein the removable portion includes at least one of the first minor panel and the second minor panel.

29. The blank of any one of claims 27 to 28, wherein the removable portion includes the major panel.

30. The blank of any one of claims 26 to 29, wherein the removable portion includes the main panel.

31. The blank of any one of claims 26 to 30, further comprising a foldable portion defined at least partially by a fold line extending in the second direction substantially across at least one of the plurality of adjoined panels.

32. The blank of any one of claims 26 to 31, wherein the first dimension of at least one of the first minor panel and the second minor panel is greater than the first dimension of the main panel.

33. The blank of any one of claims 26 to 32, further comprising a tab extending from an end of at least one of the first minor panel and the second minor panel.

34. The blank of claim 7, wherein the removable portion is defined at least partially by a line of disruption initiating and terminating proximate a first peripheral edge of the blank opposite the arcuate end edge.

35. The blank of claim 34, wherein the line of disruption comprises a cut line, a score line, a kiss cut line, a perforated line, a zigzag cut line, a zipper cut line, or any combination thereof.

36. The blank of claim 34 or 35, wherein the removable portion includes at least a portion of the main panel.

37. The blank of any one of claims 34 to 36, wherein the line of disruption initiates and terminates along the first peripheral edge of the blank adjacent to the main panel.

38. The blank of any one of claims 34 to 37, wherein at least a portion of the line of disruption extends into the end panel.

39. The blank of claim 38, wherein the portion of the line of disruption that extends into the end panel defines a tab.

40. A microwave heating construct, comprising:

a first main panel and a second main panel in an opposed configuration;

a first minor panel and a second minor panel in an opposed configuration, the first minor panel and the second minor panel being joined to the first main panel and the second main panel along respective fold lines to at least partially define an interior space;

a microwave energy interactive material joined to at least a portion of at least one of the first main panel, second main panel, first minor panel, and second minor panel on a side of the respective panel facing the interior space;

a first end panel foldably joined to the first main panel, the first end panel including a pair of opposed side edges that extend divergently from the first main panel; and

a second end panel foldably joined to the second main panel, the second end panel including a pair of opposed side edges that extend convergently from the second main panel, wherein the first end panel and the second end panel are in a substantially opposed, facing relationship.

41. The construct of claim 40, wherein the first end panel and the second end panel are foldably joined to the first main panel and the second main panel along respective arcuate fold lines.
42. The construct of claim 40 or 41, wherein the first end panel and the second end panel are adapted to be folded toward the interior space in a superposed configuration.
43. The construct of any one of claims 40 to 42, wherein the first end panel includes an arcuate end edge that extends between the pair of opposed side edges of the first end panel.
44. The construct of any one of claims 40 to 43, wherein the second end panel includes a substantially linear end edge that extends between the pair of opposed side edges of the second end panel.
45. The construct of claim 44, wherein
a locking feature extends from the substantially linear edge of the second end panel, and
the locking feature is adapted to be received within a slot in the first end panel.
46. The construct of any one of claims 40 to 45, wherein the microwave energy interactive material is configured as a susceptor, a foil, a segmented foil, or any combination thereof.
47. The construct of any one of claims 40 to 45, wherein the microwave energy interactive material is operative for converting at least a portion of impinging microwave energy into thermal energy.
48. The construct of any one of claims 40 to 47, further comprising a removable portion including at least a portion of at least one of the first main panel, the second main panel, the first minor panel, and the second minor panel.

49. The construct of claim 48, wherein the removable portion is defined at least partially by

a transverse tear line extending substantially across at least one of the adjoining panels,

an oblique tear line substantially abutting the transverse tear line, and

a cutout adjacent to the oblique tear line.

50. The construct of claim 49, wherein the cutout extends inwardly from a first end of the construct and at least partially defines a tab.

51. The construct of claim 50, wherein

the tab is disposed adjacent to the first end of the construct, and

the oblique tear line extends substantially between the tab and the transverse tear line.

52. The construct of any one of claims 47 to 51, wherein

the cutout is disposed within the second minor panel, and

the oblique tear line is disposed within the first main panel.

53. The construct of claim 52, wherein the cutout extends substantially across the width of the second minor panel.

54. The construct of claim 52, partially across the width of the second minor panel.

55. The construct of claim 53, wherein

a fold line extends along a length of the second minor panel, and

the cutout extends substantially between the tab and the fold line.

56. The construct of claim 50, wherein the cutout is disposed within at least one of the first main panel, second main panel, first minor panel, and second minor panel distal from a first end of the construct.

57. The construct of claim 56, wherein
the oblique tear line is a first oblique tear line, and
the removable portion is further defined by a second oblique tear line.
58. The construct of claim 57, wherein the first oblique tear line and the second oblique tear line extend convergently towards the cutout.
59. The construct of claim 57 or 58, wherein
the first oblique tear line extends substantially between the cutout and the transverse tear line, and
the second oblique tear line extends substantially between the cutout and the first end of the construct.
60. The construct of any one of claims 57 to 59, wherein
the cutout is at least partially disposed within the second minor panel, and
the first main panel includes at least a portion of each of the first oblique tear line and the second oblique tear line.
61. The construct of any one of claims 57 to 60, wherein
a fold line extends along a length of the second minor panel, and
the cutout extends substantially between the first main panel and the fold line.
62. The construct of claim 61, wherein the cutout is further disposed in the main panel.
63. The construct of claim 48, wherein
the removable portion is defined at least partially by a transverse tear line extending substantially across each of the first main panel, the second main panel, first minor panel, and second minor panel, and
the removable portion includes a grasping feature projecting from at least one of the first main panel and the second main panel distal from the fold lines adjoining the respective main panel to the first minor panel and the second minor panel.

64. The construct of claim 63, wherein the removable portion includes an oblique tear line extending substantially between the grasping feature and the transverse tear line.
65. The construct of claim 64, wherein
the oblique tear line is a first oblique tear line, and
the removable portion includes a second oblique tear line extending substantially between the grasping feature and a first end of the construct.
66. The construct of any one of claims 63 to 65, wherein
the removable portion is a first removable portion,
the transverse tear line is a first transverse tear line,
the grasping feature is a first grasping feature, and
the construct further includes a second removable portion adjacent to the first removable portion, wherein
the second removable portion is defined at least partially by a second transverse tear line extending substantially across each of the first main panel, the second main panel, first minor panel, and second minor panel, and
the second removable portion includes a second grasping feature projecting from at least one of the first main panel and the second main panel distal from the fold lines adjoining the respective main panel to the first minor panel and the second minor panel.
67. The construct of claim 66, wherein the first transverse tear line is substantially parallel to the second transverse tear line.
68. The construct of claim 66 or 67, wherein a distance between a first end of the construct and the first transverse tear line is approximately equal to a distance between the first transverse tear line and the second transverse tear line.
69. The construct of any one of claims 66 to 68, wherein the second grasping feature is adjacent to the first grasping feature.

70. The construct of any one of claims 66 to 69, wherein the second removable portion includes

a first oblique tear line extending substantially between the second grasping feature and the second transverse tear line, and

a second oblique tear line extending substantially between the second grasping feature and the first transverse tear line.

71. The construct of claim 48, wherein

the removable portion is defined at least partially by a transverse tear line extending substantially across at least the first main panel and the second main panel, and

the removable portion includes a grasping feature defined by a line of disruption in the second minor panel.

72. The construct of claim 71, wherein the transverse tear line extends substantially across each of the first main panel, second main panel, first minor panel, and second minor panel.

73. The construct of claim 71 or 72, wherein

the line of disruption is a slit, and

the slit defines a tab comprising a portion of the second minor panel.

74. The construct of claim 73, wherein the slit is substantially arcuate in shape.

75. The construct of claim 73 or 74, wherein the slit includes a pair of ends disposed substantially along the fold line adjoining the first main panel and the second minor panel.

76. The construct of claim 75, further comprising a pair of tear lines in the first main panel extending from respective ends of the slit.

77. The construct of claim 76, wherein the tear lines extend divergently from the slit.
78. The construct of claim 76 or 77, wherein
the pair of tear lines includes a first tear line and a second tear line,
the first tear line substantially abuts the transverse tear line, and
the second tear line substantially abuts an end of the construct.
79. The construct of claim 48, wherein the removable portion is defined at least partially by a line of disruption extending obliquely across at least one of the first main panel, the second main panel, the first minor panel, and the second minor panel.
80. The construct of claim 79, wherein the line of disruption obliquely extends substantially across at least the first main panel and the second main panel.
81. The construct of claim 79 or 80, wherein the line of disruption obliquely extends substantially across each of the first main panel, the second main panel, the first minor panel, and the second minor panel.
82. The construct of claim 48, wherein
at least one of the fold lines adjoining the first main panel, the second main panel, the first minor panel, and the second minor panel is a tear line, and
the removable portion is defined by at least one tear line that adjoins
at least one of the first main panel and the second main panel, and
at least one of the first minor panel and the second minor panel.
83. The construct of claim 82, wherein
the removable portion is a first removable portion, and
the construct includes a second removable portion.
84. The construct of claim 83, wherein
the first removable portion comprises the first minor panel, and
the second removable portion comprises the second minor panel.

85. The construct of claim 83 or 84, wherein
the construct further comprises a third removable portion and a fourth removable portion,
the third removable portion comprises the first main panel, and
the fourth removable portion comprises the second main panel.
86. The construct of any one of claims 81 to 85, further comprising a tab extending from an end of at least one of the first minor panel and the second minor panel.
87. The construct of claim 48, wherein the removable portion is defined by a line of disruption initiating and terminating proximate a first end of at least one of the adjoined panels.
88. The construct of claim 87, wherein the line of disruption initiates and terminates proximate the first end of the first main panel.
89. The construct of claim 87 or 88, wherein the line of disruption includes a first portion extending from the first end of at least one of the adjoined panels, a second portion extending obliquely from the first portion, and a third, arcuate portion.
90. The construct of claim 89, wherein the arcuate portion of the line of disruption lies substantially within the end panel.
91. The construct of claim 89 or 90, wherein the arcuate portion of the line of disruption comprises a cut that defines a tab.
92. A blank for forming a microwave heating construct, comprising:
a plurality of adjoined panels defining a peripheral edge of the blank, each panel of the plurality of adjoined panels having a first dimension extending in a first direction and a second dimension extending in a second direction substantially perpendicular to the first direction, the plurality of adjoined panels including

a main panel,

a first minor panel and a second minor panel joined to the main panel along respective fold lines extending in the first direction, wherein

the first dimension of the first minor panel is greater than the first dimension of the second minor panel, and

the main panel has a first portion adjacent to the first minor panel and a second portion adjacent to the second minor panel, the second portion of the main panel having a first dimension substantially equal to the first dimension of the second minor panel, and the first portion of the first main panel having a first dimension greater than the first dimension of the second portion, and

an end panel joined to the main panel along a substantially arcuate fold line extending generally in the second direction, wherein

the end panel has an end edge opposite the arcuate fold line, and

the second dimension of the end panel increases from the arcuate fold line to the end edge; and

microwave energy interactive material joined to at least a portion of at least one panel of the adjoining panels, wherein

the peripheral edge includes a plurality of peripheral edge portions including a first peripheral edge portion extending in the first direction, a second peripheral edge portion extending in the first direction opposite the first peripheral edge portion, and a third peripheral edge portion extending between the first peripheral edge portion and the second peripheral edge portion, and

the blank includes a plurality of removable portions defined by a plurality of tear lines independently extending obliquely across at least a portion of at least one of the plurality of adjoining panels, wherein

each tear line of the plurality of tear lines substantially abuts the first peripheral edge portion or the second peripheral edge portion of the blank, and

at least one tear line of the plurality of tear lines substantially abuts the third peripheral edge portion of the blank.

93. The blank of claim 92, wherein the end edge of the end panel is outwardly arcuate in shape.

94. The blank of claim 92 or 93, wherein for at least one pair of adjacent tear lines, a first end of one tear line of the pair of adjacent tear lines is positioned along the first edge, and a second end of the other tear line of the pair of adjacent tear lines is positioned along the second edge, such that the first end of the one tear line is aligned in the second direction with the second end of the other tear line.

95. The blank of any one of claims 92 to 94, wherein the plurality of adjoined panels further includes

a first major panel joined to the first minor panel, and

a second major panel joined to the second minor panel,

the first major panel and the second major panel being joined to the respective first minor panel and second minor panel along respective fold lines extending in the first direction.

96. The blank of claim 95, further comprising a tab at least partially defining the third peripheral edge portion of the blank adjacent to the second major panel.

97. The blank of claim 95 or 96, wherein

the first major panel has a first portion and a second portion, the second portion of the first major panel being adjacent to the first minor panel, and

the first dimension of the first portion is less than the first dimension of the second portion.

98. The blank of any one of claims 95 to 97, wherein the second major panel has a first dimension that is substantially equal to the first dimension of the second minor panel.

99. The blank of any one of claims 95 to 98, wherein the plurality of adjoined panels further includes

a first partial end panel joined to the first major panel along a first curved fold line, and

a second partial end panel joined to the second major panel along a second curved fold line.

100. The blank of claim 99, wherein the first partial end panel and the second panel each include

an end edge opposite the respective curved fold line, and

a side edge that extends convergently from the respective curved fold line to the respective end edge.

101. A blank for forming a construct, comprising:

a plurality of adjoined panels, each panel of the plurality of adjoined panels having a first dimension extending in a first direction and a second dimension extending in a second direction substantially perpendicular to the first direction, the plurality of adjoined panels including

a main panel,

a first minor panel and a second minor panel respectively joined to opposite edges of the main panel,

a first major panel joined to the first minor panel,

a second major panel joined to the second minor panel, wherein each of the main panel, the first minor panel, the second minor panel, the first major panel, and the second major panel are joined respectively to one another along a plurality of respective substantially parallel tear lines extending in the first direction, and

an end panel joined to the main panel along a substantially arcuate fold line extending generally in the second direction, wherein

the end panel has an end edge opposite the arcuate fold line, and

the second dimension of the end panel increases from the arcuate fold line to the end edge; and

microwave energy interactive material joined to at least a portion of at least one panel of the plurality adjoined panels,

wherein

the main panel, the first major panel, and the second major panel each have an edge extending in the second direction, the respective edges of the main panel, first major panel, and the second major panels being substantially aligned with one another, and

the first dimension of the first minor panel and the second minor panel is greater than the first dimension of the main panel, the first major panel, and the second major panel, such that a portion of each of the first minor panel and the second minor panel extends in the first direction beyond the edge of the main panel, the first major panel, and the second major panel.

102. The blank of claim 101, wherein the end edge of the end panel is outwardly arcuate in shape.

103. The blank of claim 101 or 102, wherein the plurality of adjoined panels further includes

a first partial end panel joined to the first major panel along a first curved fold line, and

a second partial end panel joined to the second major panel along a second curved fold line.

104. The blank of claim 103, wherein the first partial end panel and the second panel each include

an end edge opposite the respective curved fold line, and

a side edge that extends convergently from the respective curved fold line to the respective end edge.

105. The blank of any one of claims 101 to 104, further comprising a fold line extending in the second direction substantially across at least one of the main panel, the first major panel, and the second major panel.

106. A blank for forming a microwave heating construct, comprising:

a plurality of adjoined panels, each panel having a first dimension extending in a first direction and a second dimension extending in a second direction substantially perpendicular to the first direction, the plurality of adjoined panels including

a first panel,

a second panel and a third panel respectively joined to opposite edges of the first panel, and

a fourth panel joined to the second panel,

wherein the first panel, second panel, third panel, and fourth panel are joined respectively to one another along a plurality of respective substantially parallel tear lines extending in the first direction,

an end panel joined to the first panel along a substantially arcuate fold line extending generally in the second direction, wherein

the end panel has an end edge opposite the arcuate fold line, and

the second dimension of the end panel increases from the arcuate fold line to the end edge; and

microwave energy interactive material joined to at least a portion of at least one of the first panel, second panel, third panel, and fourth panel, the microwave energy interactive material being operative for converting at least a portion of microwave energy into thermal energy,

wherein

the first panel and fourth panel each have an edge extending in the second direction, the respective edges of the first panel and fourth panel being substantially aligned with one another, and

the first dimension of the second panel and the first dimension of the third panel are greater than the first dimension of the first panel and the first dimension of the fourth panel, such that a portion of each of the second panel and third panel extends in the first direction beyond the edge of the first panel and fourth panel.

107. The blank of claim 106, wherein the end edge of the end panel is outwardly arcuate in shape.

108. The blank of claim 106 or 107, wherein the plurality of adjoining panels further includes

a first partial end panel joined to the fourth panel along a first curved fold line, and

a second partial end panel joined to the fifth panel along a second curved fold line.

109. The blank of claim 108, wherein the first partial end panel and the second panel each include

an end edge opposite the respective curved fold line, and

a side edge that extends convergently from the respective curved fold line to the respective end edge.

110. The blank of any one of claims 106 to 109, wherein the plurality of adjoining panels further includes a fifth panel joined to the third panel along a tear line extending in the first direction.

111. The blank of any one of claims 106 to 110, further comprising a fold line extending in the second direction substantially across the first panel, second panel, third panel, fourth panel, and fifth panel.

112. A blank for forming a construct, comprising:

a plurality of adjoining panels, each panel of the plurality of adjoining panels having a first dimension extending in a first direction and a second dimension extending in a second direction substantially perpendicular to the first direction, the plurality of adjoining panels including

a main panel having a first end defining at least a portion of a peripheral edge of the blank, a second end opposite the first end, and a pair of opposed side edges, and

an end panel joined to the second end of the main panel along a pair of spaced apart, substantially arcuate fold lines, the end panel having an end edge opposite the arcuate fold line, wherein the second dimension of the end panel increases from the arcuate fold line to the end edge; and

microwave energy interactive material joined to at least a portion of at least one of the adjoined panels,

wherein the blank includes a removable portion defined by a line of disruption initiating and terminating at the peripheral edge between and at a distance from each side edge of the main panel, the line of disruption including a portion that extends into the end panel between the arcuate fold lines to define a tab.

113. The blank of claim 112, wherein the end edge of the end panel is outwardly arcuate in shape.

114. The blank of claim 112 or 113, wherein the portion of the line of disruption that extends into the end panel comprises a substantially continuous cut line.

115. The blank of any one of claims 112 to 114, wherein the plurality of adjoined panels further includes

- a first minor panel joined to the main panel,
- a second minor panel joined to the main panel,
- a first major panel joined to the first minor panel, and
- a second major panel joined to the second minor panel, and

the main panel, the first minor panel, the second minor panel, the first major panel, and the second major panel are joined respectively to one another along respective substantially parallel fold lines extending in the first direction.

116. The blank of claim 115, wherein the plurality of adjoined panels further includes

- a first partial end panel joined to the first major panel along a first curved fold line, and

a second partial end panel joined to the second major panel along a second curved fold line.

117. The blank of claim 116, wherein the first partial end panel and the second panel each include

an end edge opposite the respective curved fold line, and

a side edge that extends convergently from the respective curved fold line to the respective end edge.

118. The blank of any one of claims 92 to 117, wherein the microwave energy interactive material is configured as a susceptor, a foil, a segmented foil, or any combination thereof.

119. The blank of any one of claims 92 to 117, wherein the microwave energy interactive material is operative for converting at least a portion of impinging microwave energy to thermal energy.

120. A microwave heating construct, comprising:

a first main panel and a second main panel in an opposed configuration;

a first minor panel and a second minor panel in an opposed configuration, the first minor panel and the second minor panel being joined to the first main panel and the second main panel along respective fold lines to at least partially define an interior space;

a first end panel foldably joined to the first main panel, the first end panel including a pair of opposed side edges that extend divergently from the first main panel; and

microwave energy interactive material joined to at least a portion of at least one of the first main panel, second main panel, first minor panel, and second minor panel on a side of the respective panel facing the interior space,

wherein

the first main panel, second main panel, first minor panel, and second minor panel each have a first end defining a first end of the construct, the first end of the construct being in open communication with the interior space,

the construct includes a removable portion including the first end of the construct, the removable portion comprising at least a portion of the first main panel, the second main panel, the first minor panel, and the second minor panel,

the removable portion is defined at least partially by a transverse tear line extending substantially across each of the first main panel, the second main panel, first minor panel, and second minor panel, and

the removable portion includes a grasping feature projecting from at least one of the first main panel and the second main panel distal from the first minor panel and the second minor panel, such that the grasping feature lies between a first portion and a second portion of the removable portion within the respective first main panel or second main panel, the first portion of the removable portion being adjacent to the first minor panel and the second portion of the removable portion being adjacent to the second minor panel.

121. The construct of claim 120, wherein the grasping feature in the respective first main panel or second main panel is substantially centered between the first minor panel and the second minor panel.

122. The construct of claim 120 or 121, wherein the removable portion includes an oblique tear line extending substantially between the grasping feature and the transverse tear line.

123. The construct of claim 122, wherein
the oblique tear line is a first oblique tear line, and
the removable portion includes a second oblique tear line extending substantially between the grasping feature and the first end of the construct.

124. The construct of any one of claims 120 to 123, wherein
the removable portion is a first removable portion,
the transverse tear line is a first transverse tear line, and
the construct further includes a second removable portion adjacent to the first removable portion, the second removable portion being defined at least partially by a

second transverse tear line extending substantially across each of the first main panel, the second main panel, first minor panel, and second minor panel.

125. The construct of claim 124, wherein the first transverse tear line is substantially parallel to the second transverse tear line.

126. The construct of claim 125, wherein a distance between the first end of the construct and the first transverse tear line is approximately equal to a distance between the first transverse tear line and the second transverse tear line.

127. The construct of any one of claims 124 to 126, wherein
the grasping feature is a first grasping feature, and
the second removable portion includes a second grasping feature projecting from at least one of the first main panel and the second main panel distal from the first minor panel and the second minor panel.

128. The construct of claim 127, wherein the second grasping feature is adjacent to the first grasping feature.

129. The construct of claim 127 or 128, wherein the second removable portion includes

a first oblique tear line extending substantially between the second grasping feature and the second transverse tear line, and

a second oblique tear line extending substantially between the second grasping feature and the first transverse tear line.

130. The construct of any one of claims 120 to 129, further comprising a second end panel foldably joined to the second main panel, the second end panel including a pair of opposed side edges that extend convergently from the second main panel.

131. The construct of claim 130, wherein the first end panel and the second end panel are foldably joined to the first main panel and the second main panel along respective arcuate fold lines.

132. The construct of claim 130 or 131, wherein the first end panel and the second end panel are adapted to be folded toward the interior space in a superposed configuration.

133. A construct for heating, browning, and/or crisping a food item, comprising:
a top end including a top end edge, a bottom end opposite the top end, and an interior space defined by a plurality of adjoined panels;

a pair of bottom end panels in a substantially opposed, facing relationship with one another, the bottom end panels being joined to respective panels of the plurality of adjoined panels along respective arcuate fold lines, the bottom end panels being adapted to be folded toward the interior space in a superposed configuration to at least partially close the bottom end of the construct, at least one of the bottom end panels having a pair of opposed side edges that extend divergently from the respective arcuate fold line; and

microwave energy interactive material joined to at least a portion of at least one of the adjoined panels on a side of the respective panel facing the interior space;

wherein

a first tear line extends substantially across each of the adjoined panels,

and

a second tear line extends substantially across each of the adjoined panels, the first tear line being disposed between top end edge and the second tear line, the top end edge and the first tear line defining a first removable tear strip, and the first tear line and the second tear line defining a second removable tear strip adjacent to the first removable tear strip.

134. The construct of claim 133, wherein

the construct has an initial dimension measured from the top end to the bottom end,

removing the first removable tear strip reduces the initial dimension of the construct to a first reduced dimension less than the initial dimension, and

removing the second removable tear strip reduces the first reduced dimension of the construct to a second reduced dimension less than the first reduced dimension.

135. The construct of claim 133 or 134, wherein the first removable tear strip and the second removable tear strip each include a respective grasping feature for initiating tearing along the first tear line and second tear line, respectively.

136. The construct of any one of claims 133 to 135, wherein one of the bottom end panels includes a pair of opposed side edges that extend convergently from the respective arcuate fold line.

137. A microwave heating construct, comprising:

a first main panel and a second main panel in an opposed configuration;

a first minor panel and a second minor panel in an opposed configuration, the first minor panel and the second minor panel being joined to the first main panel and the second main panel along respective fold lines to at least partially define an interior space;

a first end panel foldably joined to the first main panel, the first end panel including a pair of opposed side edges that extend divergently from the first main panel; and

microwave energy interactive material joined to at least a portion of at least one of the first main panel, second main panel, first minor panel, and second minor panel on a side of the respective panel facing the interior space,

wherein the construct includes a removable portion comprising at least a portion of at least one of the first main panel, the second main panel, the first minor panel, and the second minor panel, the removable portion being defined at least partially by

a transverse tear line extending substantially across the respective panel,

an oblique tear line substantially abutting the transverse tear line, and

a cutout adjacent to the oblique tear line.

138. The construct of claim 137, wherein the cutout extends inwardly from a first end of the construct.

139. The construct of claim 138, wherein the cutout at least partially defines a tab.
140. The construct of claim 139, wherein the tab is disposed adjacent to the first end of the construct.
141. The construct of claim 140, wherein the oblique tear line extends substantially between the tab and the transverse tear line.
142. The construct of claim 140, wherein
the cutout is disposed within the second minor panel, and
the oblique tear line is disposed within the first main panel.
143. The construct of claim 142, wherein the cutout extends substantially between the tab and the second major panel.
144. The construct of claim 142, wherein the cutout extends partially between the tab and the second major panel.
145. The construct of claim 144, wherein
a fold line extends along a length of the second minor panel, and
the cutout extends substantially between the tab and the fold line.
146. The construct of claim 137, wherein the cutout is disposed within at least one of the first main panel, second main panel, first minor panel, and second minor panel distal from a first end of the construct.
147. The construct of claim 146, wherein
the oblique tear line is a first oblique tear line, and
the removable portion is further defined by a second oblique tear line.
148. The construct of claim 147, wherein the first oblique tear line and the second oblique tear line extend convergently towards the cutout.

149. The construct of claim 148, wherein
the first oblique tear line extends substantially between the cutout and the transverse tear line, and
the second oblique tear line extends substantially between the cutout and the first end of the construct.
150. The construct of claim 149, wherein
the cutout is at least partially disposed within the second minor panel, and
the first main panel includes at least a portion of each of the first oblique tear line and the second oblique tear line.
151. The construct of claim 150, wherein
a fold line extends along a length of the second minor panel, and
the cutout extends substantially between the first main panel and the fold line.
152. The construct of claim 151, wherein the cutout is further disposed in the main panel.
153. The construct of any one of claims 137 to 152, further comprising a second end panel foldably joined to the second main panel, the second end panel including a pair of opposed side edges that extend convergently from the second main panel.
154. The construct of claim 153, wherein the first end panel and the second end panel are foldably joined to the first main panel and the second main panel along respective arcuate fold lines.
155. The construct of claim 153 or 154, wherein the first end panel and the second end panel are adapted to be folded toward the interior space in a superposed configuration.
156. A construct for heating, browning, and/or crisping a food item, comprising:
a first main panel and a second main panel in an opposed configuration;

a first minor panel and a second minor panel in an opposed configuration, the first minor panel and the second minor panel being joined to the first main panel and the second main panel along respective fold lines to at least partially define an interior space, wherein the first main panel, second main panel, first minor panel, and second minor panel each have

a first end including a first end edge, the first end edges of the first main panel, second main panel, first minor panel, and second minor panel defining an opening,

a second end opposite the first end, and

a length extending between the first end and the second end, wherein

the length of the first minor panel is greater than the length of the second minor panel, and

the first main panel and second main panel each have a first portion adjacent to the first minor panel and a second portion adjacent to the second minor panel, the respective second portions of the first main panel and the second main panel each having a length substantially equal to the length of the second minor panel, and the respective first portions of the first main panel and the second main panel each having a length greater than the length of the respective second portions of the first main panel and the second main panel;

a first end panel foldably joined to the second end of the first main panel, the first end panel including a pair of opposed side edges that extend divergently from the first main panel; and

microwave energy interactive material joined to at least a portion of at least one of the first main panel, second main panel, first minor panel, and second minor panel on a side of the respective panel facing the interior space,

wherein the construct includes a removable portion defined at least partially by a line of disruption extending obliquely across the first main panel, the second main panel, the first minor panel, and the second minor panel, the line of disruption initiating at the opening and terminating at the second end of one of the first main panel, the second main panel, the first minor panel, or the second minor panel.

157. The construct of claim 156, wherein the line of disruption that defines the removable portion is a single line of disruption that extends substantially around the construct.

158. The construct of claim 156, wherein the removable portion of the construct substantially defines the first main panel, second main panel, first minor panel, and second minor panel.

159. The construct of claim 156, wherein the removable portion includes a plurality of substantially contiguous sections disposed within a panel selected from the group consisting of the first main panel, the second main panel, the first minor panel, and the second minor panel, with the substantially contiguous sections being separated from one another by the line of disruption.

160. The construct of claim 156, wherein the removable portion includes a plurality of sections disposed within a panel selected from the group consisting of the first main panel, the second main panel, the first minor panel, and the second minor panel, with the sections being directly adjacent to one another along the line of disruption.

161. The construct of any one of claims 156 to 160, further comprising a second end panel foldably joined to the second main panel, the second end panel including a pair of opposed side edges that extend convergently from the second main panel.

162. The construct of claim 161, wherein the first end panel and the second end panel are foldably joined to the first main panel and the second main panel along respective arcuate fold lines.

163. The construct of claim 161 or 162, wherein the first end panel and the second end panel are adapted to be folded toward the interior space in a superposed configuration.

164. A microwave heating construct, comprising:

a plurality of adjoined panels that define an interior space, each of the adjoined panels having a first end, a second end, and a length between the first end and the second end, the first end of each of the adjoined panels having a first end edge defining an opening, the plurality of adjoined panels including

a first panel and a second panel in a substantially opposed, facing relationship with one another, and

a third panel and a fourth panel in a substantially opposed, facing relationship with one another, wherein

the length of the first panel is greater than the length of the second panel, and

the third panel and the fourth panel each have a first portion adjacent to the first panel, and a second portion adjacent to the second panel, the respective second portions of the third panel and the fourth panel each having a length substantially equal to the length of the second panel, and the respective first portions of the third panel and the fourth panel each having a length greater than the length of the respective second portions of the third panel and the fourth panel,

a first end panel foldably joined to the second end of the third panel, the first end panel including a pair of opposed side edges that extend divergently from the third panel; and

microwave energy interactive material joined to at least a portion of at least one of the adjoined panels on a side of the respective panel facing the interior space; and

an oblique tear line extending from the opening around the plurality of adjoined panels towards the second end of one of the adjoined panels.

165. The construct of claim 164, further comprising a second end panel foldably joined to second end of the fourth panel, the second end panel including a pair of opposed side edges that extend convergently from the fourth panel.

166. The construct of claim 165, wherein the first end panel and the second panel are foldably joined to the third panel and the fourth panel along respective arcuate fold lines.

167. The construct of claim 165 or 166, wherein the first end panel and the second end panel are adapted to be folded toward the interior space in a superposed configuration.

168. A microwave heating construct, comprising:

a first main panel and a second main panel opposite one another, the first main panel and the second main panel each having

a first end at least partially defining an opening at a first end of the construct, and

a second end at a second end of the construct;

a first minor panel and a second minor panel opposite one another, the first minor panel and the second minor panel being joined to the first main panel and the second main panel along respective tear lines to at least partially define an interior space, wherein the first minor panel and the second minor panel extend upwardly from the opening to define a pair of tabs;

a first end panel foldably joined to the second end of the first main panel, the first end panel including a pair of opposed side edges that extend divergently from the first main panel;

a second end panel foldably joined to the second end of the second main panel, the first end panel and the second end panel being foldably joined to the first main panel and the second main panel along respective arcuate fold lines; and

microwave energy interactive material joined to at least a portion of at least one of the first main panel, second main panel, first minor panel, and second minor panel on a side of the respective panel facing the interior space.

169. The construct of claim 168, wherein the second end panel includes a pair of opposed side edges that extend convergently from the second main panel.

170. The construct of claim 168 or 169, further comprising a fold line extending across at least one of the first main panel and the second main panel substantially between the first minor panel and the second minor panel, the fold line defining a foldable portion including the first end of the respective main panel.

171. The construct of any one of claims 168 to 170, wherein the first end panel and the second end panel are adapted to be folded toward the interior space to substantially close the second end of the construct.

172. A microwave heating construct, comprising:

a plurality of panels joined to one another to define an interior space, each of the panels having a first end, a second end, and a first dimension measured from the first end to the second end, the plurality of panels including

a pair of major panels, the first end of the major panels being opposite one another to define an opening, and

a pair of minor panels opposite one another, the minor panels being joined to the major panels along respective tear lines to define the interior space, wherein the first dimension of the minor panels is greater than the first dimension of the major panels, such that a portion of each minor panel extends past the opening and defines a pair of tabs;

a first end panel foldably joined to one panel of the pair of major panels, the first end panel including a pair of opposed side edges that extend divergently from the first main panel; and

microwave energy interactive material joined to at least a portion of at least one of the adjoining panels on a side of the respective panel facing the interior space.

173. The construct of claim 172, further comprising a fold line extending across at least one of the major panels substantially between the first minor panel and the second minor panel, the fold line defining a foldable portion including the first end of the respective major panel.

174. The construct of claim 172 or 173, further comprising a second end panel foldably joined to the second main panel, the second end panel including a pair of opposed side edges that extend convergently from the second main panel.

175. The construct of claim 174, wherein the first end panel and the second end panel are foldably joined to the major panels along respective arcuate fold lines.

176. The construct of claim 174 or 175, wherein the first end panel and the second end panel are adapted to be folded toward the interior space in a superposed configuration to at least partially close the second end of the construct.

177. A microwave heating construct, comprising:

a first pair of panels opposite one another, the first pair of panels each having
a first end at least partially defining an opening at a first end of
the construct, and

a second end at a second end of the construct;

a second pair of panels opposite one another, the second pair of panels being joined to the first pair of panels along respective tear lines to at least partially define an interior space, the second pair of panels extending upwardly from the opening to define a pair of tabs;

a pair of end panels joined to the second end of the first pair of panels along respective arcuate fold lines, the end panels being operative for at least partially closing the second end of the construct, at least one end panel of the pair of end panels including a pair of opposed side edges that extend divergently from the first main panel; and

microwave energy interactive material joined to at least a portion of at least one panel of the first pair of panels and the second pair of panels on a side of the respective panel facing the interior space, the microwave energy interactive material being operative for converting at least a portion of microwave energy to thermal energy.

178. The construct of claim 177, wherein one of the end panels includes a pair of opposed side edges that extend convergently from the second main panel.

179. The construct of claim 177 or 178, further comprising a fold line extending across at least one panel of the first pair of panels substantially between the second pair of panels, the fold line defining a foldable portion including the first end of the respective panel of the first pair of panels.

180. A microwave heating construct, comprising:

a plurality of adjoined panels defining an interior space, each of the panels having a first end edge, a second end edge opposite the first end edge, and a length measured from the first end edge to the second end edge, the plurality of panels including

a first pair of panels opposite one another, the first end edge of each panel of the first pair of panels at least partially defining an opening, and

a second pair of panels opposite one another, each panel of the second pair of panels being joined to the first pair of panels along respective tear lines, the length of the second pair of panels being greater than the length of the first pair of panels, such that a portion of each panel of the second pair of panels extends beyond the first end edge of the first pair of panels,

a first end panel foldably joined to the second end edge of one panel of the first pair of panels, the first end panel including a pair of opposed side edges that extend divergently from the first main panel; and

microwave energy interactive material joined to at least a portion of at least one of the adjoined panels on a side of the respective panel facing the interior space.

181. The construct of claim 180, further comprising a fold line extending across at least one panel of the first pair of panels substantially between the second pair of panels, the fold line defining a foldable portion including the first end edge of the respective panel of the first pair of panels.

182. The construct of claim 180 or 181, further comprising a second end panel foldably joined to the second end edge of the other panel of the first pair of panels, the second end panel including a pair of opposed side edges that extend convergently from the respective panel of the first pair of panels.

183. The construct of claim 182, wherein the first end panel and the second end panel are foldably joined to the first pair of panels along respective curved fold lines.

184. The construct of claim 182 or 183, wherein the first end panel and the second end panel are adapted to be folded towards the interior space.

185. A microwave heating construct, comprising:

a first main panel and a second main panel in an opposed configuration;

a first minor panel and a second minor panel in an opposed configuration, the first minor panel and the second minor panel being joined to the first main panel and the second main panel along respective fold lines to at least partially define an interior space, wherein the first main panel, the second main panel, the first minor panel, and the second minor panel each have a respective first end defining an opening at a first end of the construct and a respective second end opposite the first end;

an end panel foldably joined to the second end of the first main panel, the end panel being adapted to be folded inwardly towards the interior space, the end panel, the end panel including a pair of opposed side edges that extend divergently from the first main panel; and

microwave energy interactive material joined to at least a portion of at least one of the first main panel, second main panel, first minor panel, and second minor panel on a side of the respective panel facing the interior space,

wherein the construct includes a removable portion defined by a line of disruption initiating and terminating at the first end of the construct within the first main panel, the line of disruption including a portion that extends into the end panel to define a tab, wherein the tab extends from and lies in the same plane as the first main panel.

186. The construct of claim 185, wherein the portion of the line of disruption that extends into the end panel is a substantially continuous cut line configured to strike the tab from the end panel when the end panel is folded towards the interior space.

187. The construct of claim 185 or 186, wherein
the end panel is a first end panel, and
the construct further comprises a second end panel foldably joined to the second main panel, the second end panel including a pair of opposed side edges that extend convergently from the second main panel.

188. A microwave heating construct, comprising:
a plurality of panels arranged to define an interior space for receiving a food item, the plurality of panels including

a main panel having a first end at least partially defining an opening at a first end of the construct, and

an end panel foldably joined to a second end of the first main panel opposite the first end, the end panel being adapted to be reconfigured from a first position substantially coplanar with the main panel to a second position angularly oriented with respect to the main panel, the end panel including a pair of opposed side edges that extend divergently from the first main panel;

a line of disruption initiating and terminating substantially at the first end of the construct within the main panel, the line of disruption including a portion that extends into the end panel to define a tab, the tab being substantially coplanar with the main panel when the end panel is in both the first position and the second position; and

microwave energy interactive material joined to at least one of the plurality of panels on a side of the respective panel facing the interior space.

189. The construct of claim 188, wherein the portion of the line of disruption that extends into the end panel is a substantially continuous cut line, such that the tab is struck from the end panel when the end panel is in the second position.

190. The construct of claim 188 or 189, wherein
the main panel is a first main panel,
the end panel is a first end panel, and
the plurality of panels further includes
a second main panel opposite the first main panel, the second main panel having a first end at least partially defining the opening at the first end of the construct, and
a second end panel foldably joined to the second end of the second main panel.
191. The construct of claim 190, wherein the second end panel includes a pair of opposed side edges that extend convergently from the second main panel.
192. A microwave heating construct, comprising:
a plurality of panels arranged to define an interior space for receiving a food item, the plurality of panels including
a main panel having a first end at least partially defining an opening at a first end of the construct, the opening being in communication with the interior space, and
an end panel joined to a second end of the first main panel opposite the first end, the end panel including a pair of opposed side edges that extend divergently from the first main panel;
a line of disruption initiating and terminating substantially along the opening to define a removable portion including a portion of the main panel and a portion of the end panel, wherein the portion of the end panel is substantially coplanar with the portion of the main panel; and
microwave energy interactive material joined to at least one of the plurality of panels on a side of the respective panel facing the interior space.
193. The construct of claim 192, wherein the line of disruption includes a first portion extending away from the opening, a second portion extending obliquely from the first portion, and a third, arcuate portion, the arcuate portion being disposed substantially within the end panel.

194. The construct of claim 192 or 193, wherein
the main panel is a first main panel,
the end panel is a first end panel, and
the plurality of panels further includes
a second main panel opposite the first main panel, the second
main panel having a first end at least partially defining the opening at
the first end of the construct, and
a second end panel joined to the second end of the second main
panel.
195. The construct of claim 194, wherein the second end panel includes a pair of
opposed side edges that extend convergently from the second main panel.
196. The construct of claim 194 or 195, wherein the first end panel and the second
end panel are joined to the first main panel and the second main panel along
respective arcuate fold lines.
197. The construct of claim 196, wherein the first end panel and the second end
panel are adapted to be folded toward the interior space to at least partially define a
second end of the construct opposite the first end, wherein folding the first end panel
and the second end panel towards the interior space at least partially closes the second
end of the construct.
198. The construct of any one of claims 120 to 197, wherein the microwave energy
interactive material comprises a susceptor, a foil, a segmented foil, or any
combination thereof.
199. A blank for forming a microwave heating construct, comprising:
a plurality of adjoined panels, each panel having a first dimension extending in
a first direction and a second dimension extending in a second direction substantially
perpendicular to the first direction, the plurality of adjoined panels including
a main panel,

a first minor panel joined to the main panel,
 a second minor panel joined to the main panel, and
 a major panel joined to the first minor panel,

wherein the main panel, the first minor panel, the second minor panel, and the major panel are joined respectively to one another along a plurality of respective substantially parallel fold lines extending in the first direction, and

wherein at least one of the main panel, the first minor panel, the second minor panel, and the major panel include microwave energy interactive material; and

an end panel joined to the main panel along a substantially arcuate fold line extending generally in the second direction, the end panel having an end edge opposite the arcuate fold line, wherein the second dimension of the end panel increases from the arcuate fold line to the end edge; and

a removable portion comprising at least a portion of at least one of the first main panel, the second main panel, the first minor panel, and the second minor panel.

200. The blank of claim 199, wherein the end panel includes a pair of opposed side edges that extend divergently from the arcuate fold line to the end edge.

201. The blank of claim 199 or 200, wherein the end edge is substantially arcuate in shape.

202. The blank of claim 201, wherein the end edge is outwardly arcuate in shape.

203. The blank of any one of claims 199 to 202, wherein the major panel is a first major panel, and the plurality of adjoining panels further includes

a second major panel joined to the second minor panel along a fold line extending in the first direction,

a first partial end panel joined to the first major panel along a first curved fold line extending generally in the second direction, and

a second partial end panel joined to the second major panel along a second curved fold line extending generally in the second direction.

204. The blank of claim 203, wherein the first partial end panel and the second panel each include

an end edge opposite the respective curved fold line, and

a side edge that extends convergently from the respective curved fold line to the respective end edge.

205. The blank of any one of claims 199 to 204, wherein the microwave energy interactive material is configured as a susceptor, a foil, a segmented foil, or any combination thereof.

206. The blank of any one of claims 199 to 205, wherein the removable portion is defined at least partially by

a transverse tear line extending in the second direction substantially across the adjoining panels,

an oblique tear line substantially abutting the transverse tear line, and

a cutout adjacent to the oblique tear line.

207. The blank of claim 206, wherein

the cutout extends inwardly from a first peripheral edge of the blank extending in the second direction,

the cutout at least partially defines a tab adjacent to the first peripheral edge, and

the oblique tear line extends substantially between the tab and the transverse tear line.

208. The blank of claim 206, wherein the cutout is disposed distal from the first peripheral edge within at least one panel of the plurality of adjoining panels.

209. The blank of claim 208, wherein

the oblique tear line is a first oblique tear line, and

the removable portion is further defined by a second oblique tear line.

210. The blank of claim 209, wherein the first oblique tear line and the second oblique tear line extend convergently towards the cutout.

211. The blank of claim 209 or 210, wherein

the first oblique tear line extends substantially between the cutout and the transverse tear line, and

the second oblique tear line extends substantially between the cutout and the first peripheral edge of the blank.

212. The blank of any one of claims 209 to 211, wherein

the cutout is at least partially disposed within the second minor panel, and

the main panel includes at least a portion of each of the first oblique tear line and the second oblique tear line.

213. The blank of claim 212, wherein the cutout is further disposed within the main panel.

214. The blank of any one of claims 199 to 205, wherein

the removable portion is defined at least partially by a tear line extending in the second direction substantially across the adjoining panels, and

the removable portion includes

a grasping feature extending from a first peripheral edge of the blank extending in the first direction, and

a cutout along a second peripheral edge extending in the first direction opposite the first peripheral edge, the cutout being substantially opposite the grasping feature.

215. The blank of claim 214, wherein

the removable portion is a first removable portion,

the tear line is a first tear line,

the grasping feature is a first grasping feature,

the cutout is a first cutout, and

the blank further includes a second removable portion defined at least partially by a second tear line extending in the second direction substantially across the adjoining panels, the second removable portion including

a second grasping feature extending from the first peripheral edge of the blank, and

a second cutout along the second peripheral edge opposite the second grasping feature.

216. The blank of any one of claims 199 to 205, wherein

the removable portion is defined at least partially by a tear line extending in the second direction substantially across the adjoining panels, and

the removable portion includes a grasping feature defined at least partially by a line of disruption in the second minor panel.

217. The blank of claim 216, wherein the line of disruption is a substantially arcuate slit including a pair of ends disposed substantially along the fold line adjoining the main panel and the second minor panel.

218. The blank of claim 217, further comprising a pair of tear lines in the main panel extending divergently from respective ends of the slit.

219. The blank of claim 218, wherein

the pair of tear lines includes a first tear line and a second tear line,

the first tear line substantially abuts the transverse tear line, and

the second tear line substantially abuts an edge of the main panel extending in the second direction.

220. The blank of any one of claims 199 to 205, wherein

the removable portion is a first removable portion of a plurality of removable portions defined by a plurality of tear lines,

each tear line of the plurality of tear lines has a first end and a second end,

each tear line independently extends obliquely across at least a portion of least one of the plurality of adjoining panels, and

at least one of the first end and the second end of each tear line of the plurality of tear lines substantially abuts a peripheral edge of the blank.

221. The blank of claim 220, wherein

the peripheral edge includes a first edge extending in the first direction and a second edge extending in the first direction, the first edge being opposite the second edge, and

at least one tear line of the plurality of tear lines extends substantially between the first edge and the second edge.

222. The blank of claim 220 or 221, wherein each tear line of the plurality of tear lines is substantially parallel to each other tear line of the plurality of tear lines.

223. The blank of any one of claims 220 to 222, wherein

the plurality of tear lines includes at least a first tear line, a second tear line, and a third tear line, and

the first tear line is spaced from the second tear line a distance that is approximately equal to a distance between the second tear line and the third tear line.

224. The blank of any one of claims 199 to 205, wherein

at least some of the substantially parallel fold lines extending in the first direction are tear lines, and

the removable portion is defined at least partially by

a first tear line that extends in the first direction and adjoins a first pair of adjacent panels of the plurality of adjoining panels, and

a second tear line that extends in the first direction and adjoins a second pair of adjacent panels of the plurality of adjoining panels.

225. The blank of claim 224, wherein one panel of the first pair of adjacent panels is one panel of the second pair of adjacent panels.

226. The blank of claim 224 or 225, wherein the removable portion includes at least one of the first minor panel and the second minor panel.

227. The blank of any one of claims 224 to 226, wherein the removable portion includes the major panel.

228. The blank of any one of claims 224 to 227, wherein the removable portion includes the main panel.

229. The blank of any one of claims 224 to 228, further comprising a foldable portion defined at least partially by a fold line extending in the second direction substantially across at least one of the plurality of adjoining panels.

230. The blank of any one of claims 224 to 229, wherein the first dimension of at least one of the first minor panel and the second minor panel is greater than the first dimension of the main panel.

231. The blank of any one of claims 224 to 230, further comprising a tab extending from an end of at least one of the first minor panel and the second minor panel.

232. The blank of any one of claims 199 to 205, wherein the removable portion is defined at least partially by a line of disruption initiating and terminating proximate a first peripheral edge of the blank opposite the arcuate end edge.

233. The blank of claim 232, wherein the line of disruption comprises a cut line, a score line, a kiss cut line, a perforated line, a zigzag cut line, a zipper cut line, or any combination thereof.

234. The blank of claim 232 or 233, wherein the removable portion includes at least a portion of the main panel.

235. The blank of any one of claims 232 to 234, wherein the line of disruption initiates and terminates along the first peripheral edge of the blank adjacent to the main panel.

236. The blank of any one of claims 232 to 235, wherein at least a portion of the line of disruption extends into the end panel.

237. The blank of claim 236, wherein the portion of the line of disruption that extends into the end panel defines a tab.

238. A blank for forming a microwave heating construct, comprising:

a plurality of adjoined panels, the plurality of adjoined panels each having a first dimension extending in a first direction and a second dimension extending in a second direction substantially perpendicular to the first direction, the plurality of adjoined panels including

a main panel,

a first minor panel joined to the main panel,

a second minor panel joined to the main panel, and

a major panel joined to the first minor panel,

wherein

the main panel, the first minor panel, the second minor panel, and the major panel are joined respectively to one another along a plurality of respective substantially parallel fold lines extending in the first direction, and

at least one of the main panel and the major panel includes microwave energy interactive material, and

an end panel joined to the main panel along a substantially arcuate fold line extending generally in the second direction, wherein

the end panel has an end edge opposite the arcuate fold line, wherein the end edge of the end panel is a free edge of the blank, and

the end panel includes a pair of opposed side edges that extend divergently from the arcuate fold line to the end edge, such that the

second dimension of the end panel increases from the arcuate fold line to the end edge.

239. The blank of claim 238, wherein the end edge is substantially arcuate in shape.
240. The blank of claim 238, wherein the end edge is outwardly arcuate in shape.
241. The blank of claim 238, wherein
the major panel is a first major panel, and
the plurality of adjoining panels further includes
a second major panel joined to the second minor panel along a fold line extending in the first direction,
a first partial end panel joined to the first major panel along a first curved fold line extending generally in the second direction, and
a second partial end panel joined to the second major panel along a second curved fold line extending generally in the second direction.
242. The blank of claim 241, wherein the first partial end panel and the second partial end panel each include
an end edge opposite the respective curved fold line, and
a side edge that extends convergently from the respective curved fold line to the respective end edge.
243. The blank of any one of claims 238 to 242, wherein the microwave energy interactive material comprises a susceptor, a foil, a segmented foil, or any combination thereof.
244. The blank of any one of claims 238 to 243, wherein the microwave energy interactive material is operative for converting at least a portion of impinging microwave energy into thermal energy.

245. The blank of any one of claims 238 to 244, further comprising a removable portion including at least a portion of at least one of the first main panel, the second main panel, the first minor panel, and the second minor panel.

246. The blank of claim 245, wherein the removable portion is defined at least partially by

a transverse tear line extending in the second direction substantially across the adjoining panels,

an oblique tear line substantially abutting the transverse tear line, and

a cutout adjacent to the oblique tear line.

247. The blank of claim 246, wherein

the cutout extends inwardly from a first peripheral edge of the blank extending in the second direction,

the cutout at least partially defines a tab adjacent to the first peripheral edge, and

the oblique tear line extends substantially between the tab and the transverse tear line.

248. The blank of claim 246, wherein the cutout is disposed distal from the first peripheral edge within at least one panel of the plurality of adjoining panels.

249. The blank of claim 245, wherein

the removable portion is defined at least partially by a tear line extending in the second direction substantially across the adjoining panels, and

the removable portion includes

a grasping feature extending from a first peripheral edge of the blank extending in the first direction, and

a cutout along a second peripheral edge extending in the first direction opposite the first peripheral edge, the cutout being substantially opposite the grasping feature.

250. The blank of claim 249, wherein

the removable portion is a first removable portion,

the tear line is a first tear line,

the grasping feature is a first grasping feature,

the cutout is a first cutout, and

the blank further includes a second removable portion defined at least partially by a second tear line extending in the second direction substantially across the adjoining panels, the second removable portion including

a second grasping feature extending from the first peripheral edge of the blank, and

a second cutout along the second peripheral edge opposite the second grasping feature.

251. The blank of claim 245, wherein

the removable portion is defined at least partially by a tear line extending in the second direction substantially across the adjoining panels, and

the removable portion includes a grasping feature defined at least partially by a line of disruption in the second minor panel.

252. The blank of claim 251, wherein the line of disruption comprises a substantially arcuate slit including a pair of ends disposed substantially along the fold line adjoining the main panel and the second minor panel.

253. The blank of claim 245, wherein

the removable portion is a first removable portion of a plurality of removable portions defined at least partially by a plurality of tear lines,

each tear line of the plurality of tear lines has a first end and a second end,

each tear line independently extends obliquely across at least a portion of least one of the plurality of adjoining panels, and

at least one of the first end and the second end of each tear line of the plurality of tear lines substantially abuts a peripheral edge of the blank.

254. The blank of claim 245, wherein

at least some of the substantially parallel fold lines extending in the first direction are tear lines, and

the removable portion is defined at least partially by

a first tear line that extends in the first direction and adjoins a first pair of adjacent panels of the plurality of adjoined panels, and

a second tear line that extends in the first direction and adjoins a second pair of adjacent panels of the plurality of adjoined panels.

255. The blank of claim 254, wherein the first dimension of at least one of the first minor panel and the second minor panel is greater than the first dimension of the main panel.

256. The blank of claim 245, wherein the removable portion is defined at least partially by a line of disruption initiating and terminating proximate a first peripheral edge of the blank opposite the arcuate end edge.

257. The blank of claim 256, wherein at least a portion of the line of disruption extends into the end panel.

258. A microwave heating construct, comprising:

a first main panel and a second main panel in an opposed configuration;

a first minor panel and a second minor panel in an opposed configuration, the first minor panel and the second minor panel being joined to the first main panel and the second main panel along respective fold lines to at least partially define an interior space, wherein at least one of the first main panel, second main panel, first minor panel, and second minor panel includes microwave energy interactive material;

a first end panel foldably joined to the first main panel along a first arcuate fold line, the first end panel including a pair of opposed side edges that extend divergently from the first main panel to a free edge of the first end panel, wherein the free edge of the first end panel is outwardly arcuate; and

a second end panel foldably joined to the second main panel along a second arcuate fold line, the second end panel including a pair of opposed side edges that

extend convergently from the second main panel to a free edge of the second end panel,

wherein

in a first configuration, the first end panel and the second end panel respectively lie substantially within the same plane as the first main panel and the second main panel, and

in a second configuration, the first end panel and the second end panel are respectively folded towards one another along the first arcuate fold line and the second arcuate fold line.

259. The construct of claim 258, wherein the second end panel includes a substantially linear end edge that extends between the pair of opposed side edges of the second end panel.

260. The construct of claim 259, wherein a locking feature extends from the substantially linear edge of the second end panel, the locking feature being adapted to be received within a slot in the first end panel.

261. The construct of any one of claims 258 to 260, wherein the microwave energy interactive material comprises a susceptor, a foil, a segmented foil, or any combination thereof.

262. The construct of any one of claims 258 to 261, wherein the microwave energy interactive material is operative for converting at least a portion of impinging microwave energy into thermal energy.

263. The construct of any one of claims 258 to 262, further comprising a removable portion including at least a portion of at least one of the first main panel, the second main panel, the first minor panel, and the second minor panel.

264. The construct of claim 263, wherein the removable portion is defined at least partially by

a transverse tear line extending substantially across at least one of the first main panel, second main panel, first minor panel, and second minor panel,
 an oblique tear line substantially abutting the transverse tear line, and
 a cutout adjacent to the oblique tear line.

265. The construct of claim 264, wherein the cutout extends inwardly from a first end of the construct and at least partially defines a tab.

266. The construct of claim 264, wherein the cutout is disposed within at least one of the first main panel, second main panel, first minor panel, and second minor panel distal from a first end of the construct.

267. The construct of claim 263, wherein
 the removable portion is defined at least partially by a transverse tear line extending substantially across each of the first main panel, second main panel, first minor panel, and second minor panel, and

the removable portion includes a grasping feature projecting from at least one of the first main panel and the second main panel distal from the fold lines adjoining the respective main panel to the first minor panel and the second minor panel.

268. The construct of claim 267, wherein
 the removable portion is a first removable portion,
 the transverse tear line is a first transverse tear line,
 the grasping feature is a first grasping feature, and
 the construct further includes a second removable portion adjacent to the first removable portion, wherein

the second removable portion is defined at least partially by a second transverse tear line extending substantially across each of the first main panel, second main panel, first minor panel, and second minor panel, and

the second removable portion includes a second grasping feature projecting from at least one of the first main panel and the second main panel distal from the fold lines adjoining the respective main panel to the first minor panel and the second minor panel.

269. The construct of claim 263, wherein

the removable portion is defined at least partially by a transverse tear line extending substantially across at least the first main panel and the second main panel, and

the removable portion includes a grasping feature defined by a line of disruption in the second minor panel.

270. The construct of claim 263, wherein the removable portion is defined at least partially by a line of disruption extending obliquely across at least one of the first main panel, the second main panel, the first minor panel, and the second minor panel.

271. The construct of claim 263, wherein

at least one of the fold lines adjoining the first main panel, the second main panel, the first minor panel, and the second minor panel is a tear line, and

the removable portion is defined by at least one tear line that adjoins

at least one of the first main panel and the second main panel, and

at least one of the first minor panel and the second minor panel.

272. The construct of claim 263, wherein the removable portion is defined by a line of disruption initiating and terminating proximate a first end of at least one of the adjoined panels.

273. The construct of claim 272, wherein the line of disruption includes a first portion extending from the first end of at least one of the adjoined panels, a second portion extending obliquely from the first portion, and a third, arcuate portion.

274. The construct of claim 273, wherein the arcuate portion of the line of disruption lies substantially within the first end panel.

275. The construct of claim 274, wherein the arcuate portion of the line of disruption comprises a cut that defines a tab.

276. A blank for forming a microwave heating construct, comprising:

a plurality of adjoined panels, the plurality of adjoined panels each having a first dimension extending in a first direction and a second dimension extending in a second direction substantially perpendicular to the first direction, the plurality of adjoined panels including

- a main panel,
- a first minor panel joined to the main panel,
- a second minor panel joined to the main panel, and
- a major panel joined to the first minor panel,

wherein

the main panel, the first minor panel, the second minor panel, and the major panel are joined respectively to one another along a plurality of respective substantially parallel fold lines extending in the first direction, and

at least one of the main panel and the major panel includes microwave energy interactive material, and

an end panel joined to the main panel along a substantially arcuate fold line extending generally in the second direction, wherein

the end panel has an end edge opposite the arcuate fold line, and

the second dimension of the end panel increases from the arcuate fold line to the end edge,

wherein the blank includes a removable portion comprising at least a portion of at least one of the first main panel, second main panel, first minor panel, and second minor panel, the removable portion being defined at least partially by

a transverse tear line extending in the second direction substantially across the adjoined panels,

an oblique tear line substantially abutting the transverse tear line, and

a cutout adjacent to the oblique tear line.

277. A microwave heating construct, comprising:

a first main panel and a second main panel in an opposed configuration;

a first minor panel and a second minor panel in an opposed configuration, the first minor panel and the second minor panel being joined to the first main panel and the second main panel along respective fold lines to at least partially define an interior space, wherein at least one of the first main panel, second main panel, first minor panel, and second minor panel includes microwave energy interactive material; and

a first end panel foldably joined to the first main panel, the first end panel including a pair of opposed side edges that extend divergently from the first main panel,

wherein the construct includes a removable portion comprising at least a portion of at least one of the first main panel, second main panel, first minor panel, and second minor panel, the removable portion being defined at least partially by

a transverse tear line extending substantially across at least one of the first main panel, second main panel, first minor panel, and second minor panel,

an oblique tear line substantially abutting the transverse tear line, and
a cutout adjacent to the oblique tear line.

278. A blank for forming a microwave heating construct, comprising:

a plurality of adjoined panels, the plurality of adjoined panels each having a first dimension extending in a first direction and a second dimension extending in a second direction substantially perpendicular to the first direction, at least one of the plurality of adjoined panels comprising microwave energy interactive material operative for converting microwave energy into heat, wherein the plurality of adjoined panels includes

a main panel,

a first minor panel and a second minor panel joined to the main panel,

a first major panel joined to the first minor panel,

a second major panel joined to the second minor panel, wherein the main panel, the first minor panel, the second minor panel, the first major panel, and the second major panel are joined respectively to one another along a plurality of respective fold lines extending in the first direction,

a first partial end panel joined to the first major panel along a first curved fold line extending generally in the second direction,

a second partial end panel joined to the second major panel along a second curved fold line extending generally in the second direction, and

an end panel joined to the main panel along a substantially arcuate fold line extending generally in the second direction,

wherein

the end panel includes

an outwardly arcuate edge opposite the arcuate fold line, and

a pair of opposed side edges that extend divergently from the arcuate fold line to the outwardly arcuate edge, and

the end panel has a second dimension extending between the arcuate fold line and the outwardly arcuate edge that is greater than the second dimension of each the first partial end panel and the second partial end panel.

279. A microwave heating construct, comprising:

a first main panel and a second main panel opposite one another;

a first minor panel and a second minor panel opposite one another, the first minor panel and the second minor panel being foldably joined to the first main panel and the second main panel;

a first end panel foldably joined to the first main panel along a first fold line, the first end panel including a pair of side edges that extend divergently from one another from the first main panel to an end edge of the first end panel; and

a second end panel foldably joined to the second main panel along a second fold line, the second end panel including a pair of opposed side edges that extend from the second main panel to an end edge of the second end panel,

wherein

the first end panel and the second end panel each have a length measured from the respective first fold line or second fold line to the respective end edge of the first end panel or second end panel midway between the respective opposed side edges, and

the length of the first end panel is greater than the length of the second end panel, and

wherein at least one of the first main panel, second main panel, first minor panel, second minor panel, first end panel, and second end panel includes microwave energy interactive material.

280. The construct of claim 279, wherein the end edge of the first end panel and the end edge of the second end panel are free edges of the construct.

281. The construct of claim 279, wherein the end edge of the first end panel is outwardly arcuate in shape.

282. The construct of any one of claims 279 to 281, wherein the pair of opposed side edges of the second end panel extend convergently from the second main panel to the end edge of the second end panel.

283. The construct of any one of claims 279 to 282, wherein the end edge of the second end panel is substantially linear in shape.

284. The construct of any one of claims 279 to 283, wherein the microwave energy interactive material comprises a susceptor, a foil patch, a segmented foil, or any combination thereof.

285. The construct of any one of claims 279 to 284, wherein the microwave energy interactive material is operative for converting at least a portion of impinging microwave energy into heat.

286. The construct of any one of claims 279 to 285, further comprising a removable portion including at least a portion of at least one of the first main panel, the second main panel, the first minor panel, and the second minor panel.

287. The construct of claim 286, wherein the removable portion is defined at least partially by

a transverse tear line extending substantially across at least one of the first main panel, second main panel, first minor panel, and second minor panel,

an oblique tear line substantially abutting the transverse tear line, and
a cutout adjacent to the oblique tear line.

288. The construct of claim 287, wherein the cutout extends inwardly from an end of the construct and at least partially defines a tab.

289. The construct of claim 288, wherein the cutout is disposed within at least one of the first main panel, second main panel, first minor panel, and second minor panel distal from an end of the construct.

290. The construct of claim 287, wherein
the removable portion is defined at least partially by a transverse tear line extending substantially across each of the first main panel, second main panel, first minor panel, and second minor panel, and

the removable portion includes a grasping feature projecting from at least one of the first main panel and the second main panel distal from the first minor panel and the second minor panel.

291. The construct of claim 290, wherein
the removable portion is a first removable portion,
the transverse tear line is a first transverse tear line,
the grasping feature is a first grasping feature, and
the construct further includes a second removable portion adjacent to the first removable portion, wherein

the second removable portion is defined at least partially by a second transverse tear line extending substantially across each of the first main panel, second main panel, first minor panel, and second minor panel, and

the second removable portion includes a second grasping feature projecting from at least one of the first main panel and the second main panel distal from the first minor panel and the second minor panel.

292. The construct of claim 286, wherein

the removable portion is defined at least partially by a transverse tear line extending substantially across at least the first main panel and the second main panel, and

the removable portion includes a grasping feature defined by a line of disruption in the second minor panel.

293. The construct of claim 286, wherein the removable portion is defined at least partially by a line of disruption extending obliquely across at least one of the first main panel, the second main panel, the first minor panel, and the second minor panel.

294. The construct of claim 286, wherein

at least one of the fold lines adjoining the first main panel, the second main panel, the first minor panel, and the second minor panel is a tear line, and

the removable portion is defined by at least one tear line that adjoins

at least one of the first main panel and the second main panel, and

at least one of the first minor panel and the second minor panel.

295. The construct of claim 286, wherein the removable portion is defined by a line of disruption initiating and terminating proximate an end of at least one of the adjoined panels.

296. The construct of claim 295, wherein the line of disruption includes a first portion extending from an end of at least one of the adjoined panels, a second portion extending obliquely from the first portion, and a third, arcuate portion.

297. The construct of claim 296, wherein the arcuate portion of the line of disruption lies substantially within the first end panel.

298. The construct of claim 297, wherein the arcuate portion of the line of disruption comprises a cut that defines a tab.

299. The construct of any one of claims 279 to 298, wherein the first main panel, second main panel, first minor panel, second minor panel, first end panel, and second end panel define an interior space for receiving a food item.

300. The construct of claim 299, in combination with the food item, wherein the food item has a surface that is desirably at least one of browned and crisped.

301. A method of using the combination of claim 300, comprising exposing the food item within the interior space to microwave energy, so that the microwave energy interactive material converts at least a portion of the microwave energy into heat, and the surface of the food item is at least one of browned and crisped.

302. The method of claim 301, wherein
 a locking projection extends from the end edge of the second end panel,
 the first end panel includes a slot for receiving the locking projection, and
 the method further comprises folding the first end panel and the second end panel towards the interior space and inserting the locking projection into the slot.

303. The method of claim 302, wherein
 the construct includes a removable portion comprising at least a portion of at least one of the first main panel, the second main panel, the first minor panel, and the second minor panel, and
 the method further comprises at least partially removing the removable portion of the construct.

304. A microwave heating construct, comprising:
 a first main panel and a second main panel opposite one another;
 a first minor panel and a second minor panel opposite one another, the first minor panel and the second minor panel being foldably joined to the first main panel and the second main panel, wherein at least one of the first main panel, second main panel, first minor panel, and second minor panel includes microwave energy interactive material;

a first end panel foldably joined to the first main panel along a first fold line, the first end panel including a pair of side edges that extend from one another from the first main panel to a free edge of the first end panel; and

a second end panel foldably joined to the second main panel along a second fold line, the second end panel including a pair of opposed side edges that extend from the second main panel to a free edge of the second end panel,

wherein

in a first configuration with the first end panel and the second end panel respectively lying substantially within the same plane as the first main panel and the second main panel, the first main panel and the second main panel are substantially parallel to one another, and

in a second configuration with the first end panel and the second end panel respectively folded towards one another along the first fold line and the second fold line, the first main panel and the second main panel are obliquely oriented with respect to one another.

305. A microwave heating construct, comprising:

a first main panel and a second main panel opposite one another;

a first minor panel and a second minor panel opposite one another, the first minor panel and the second minor panel being foldably joined to the first main panel and the second main panel, wherein at least one of the first main panel, second main panel, first minor panel, and second minor panel includes microwave energy interactive material, and wherein the first main panel, second main panel, first minor panel, and second minor panel each include a top end edge that at least partially defines an open end of the construct;

a first end panel foldably joined to the first main panel; and

a second end panel foldably joined to the second main panel, wherein the first end panel and the second end panel are folded towards one another in an overlapping configuration to define a closed end of the construct,

wherein the first main panel and the second main panel diverge from one another from the open end of the construct towards the closed end of the construct.

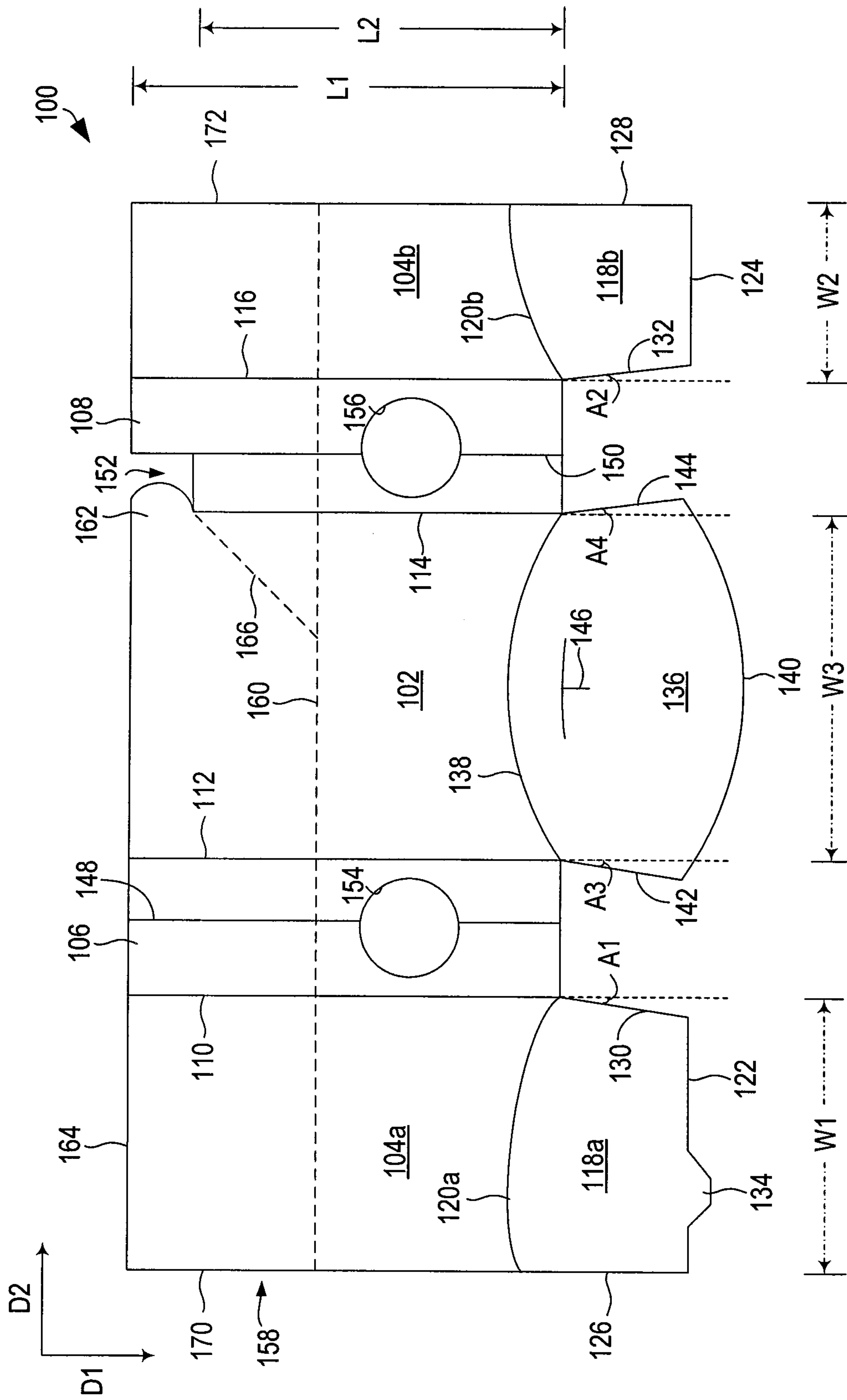


FIG. 1A

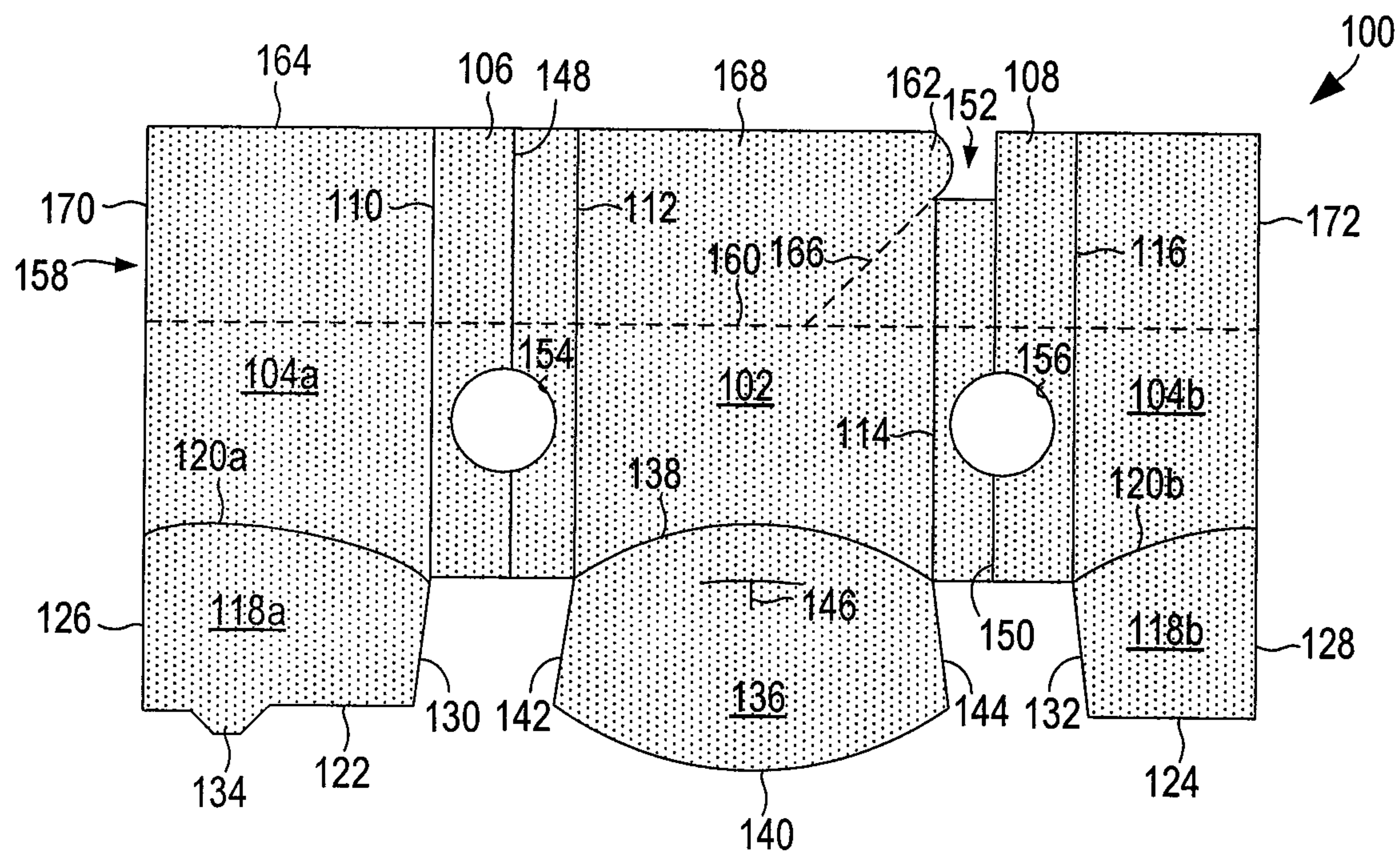


FIG. 1B

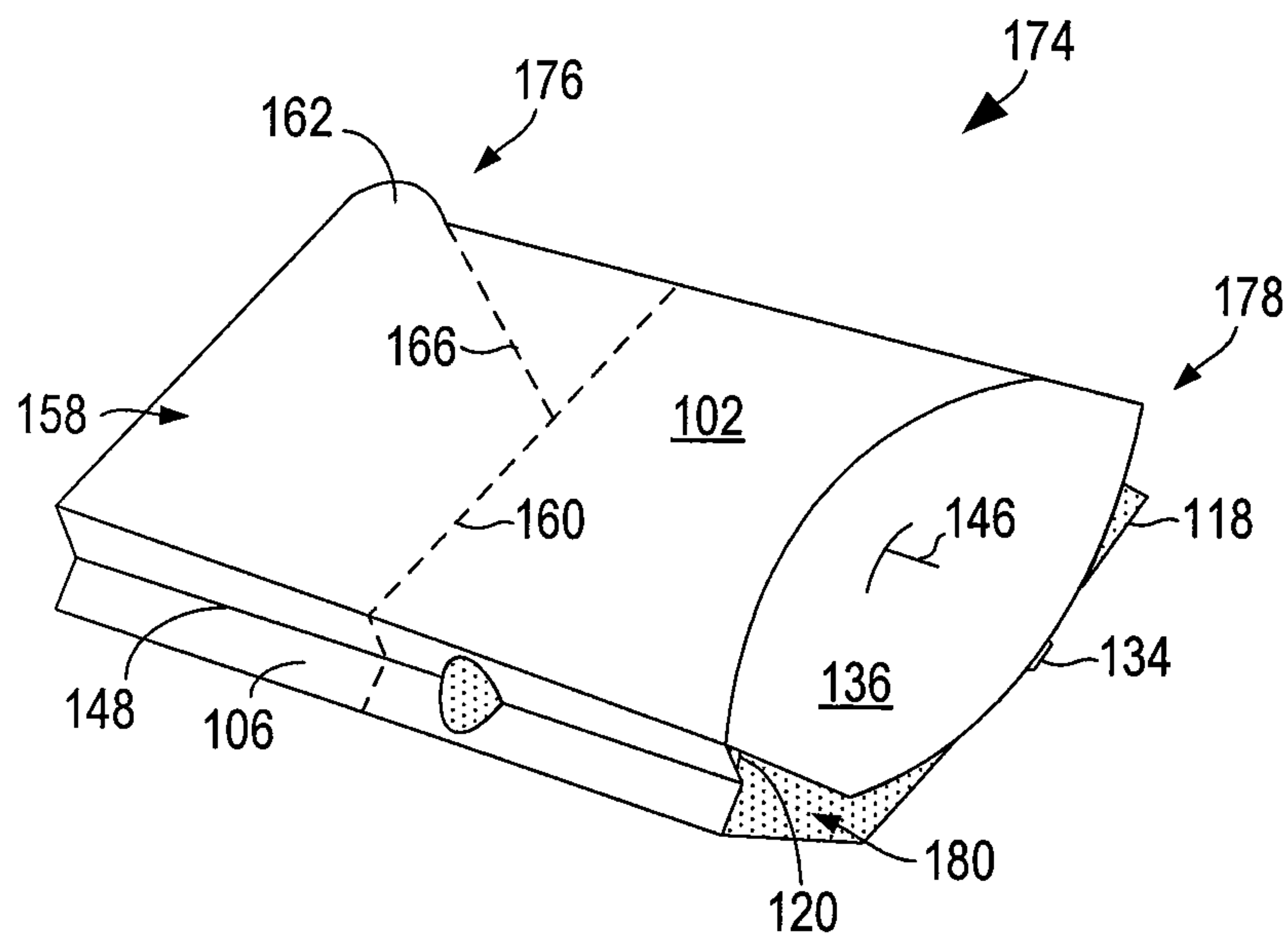
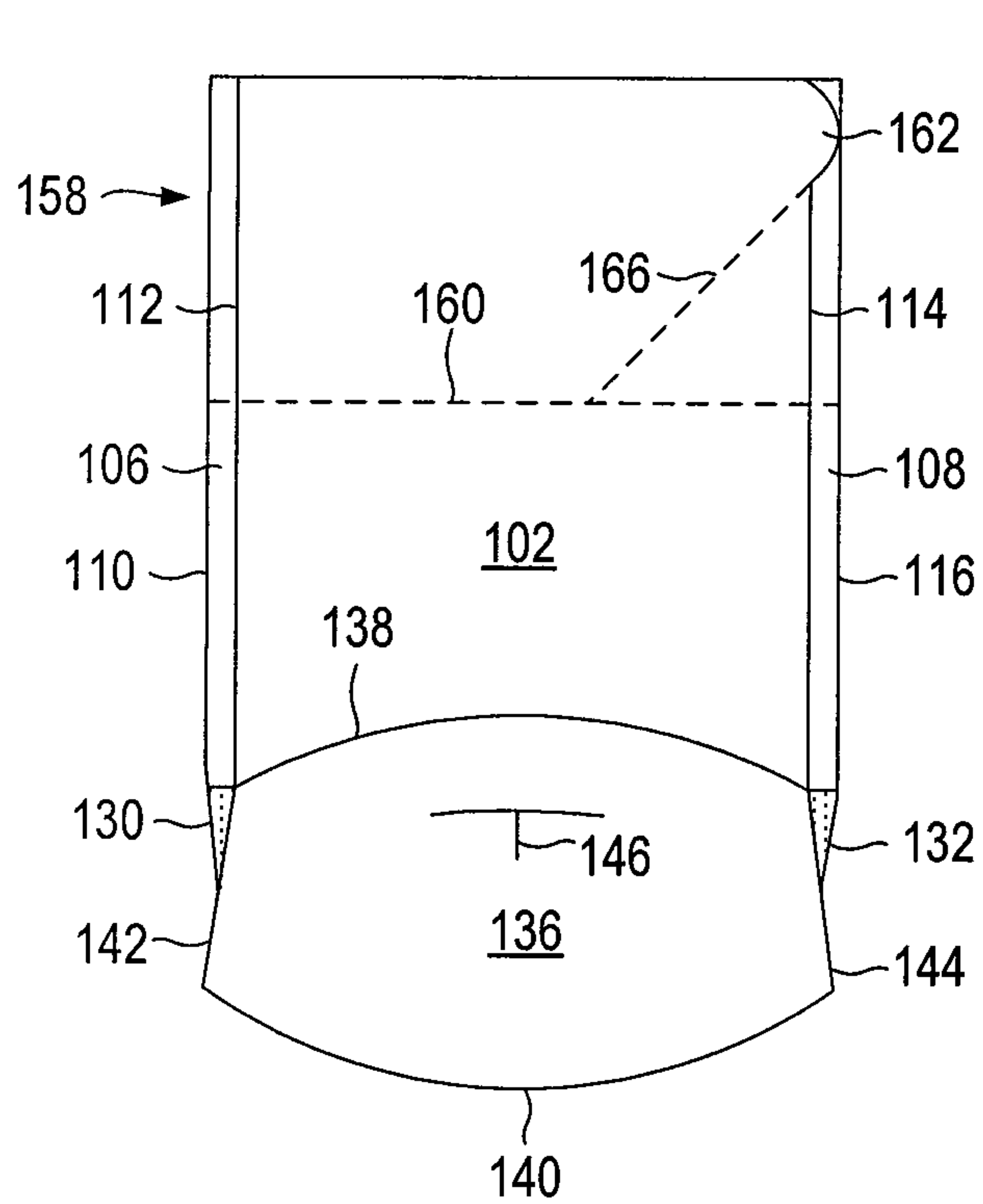
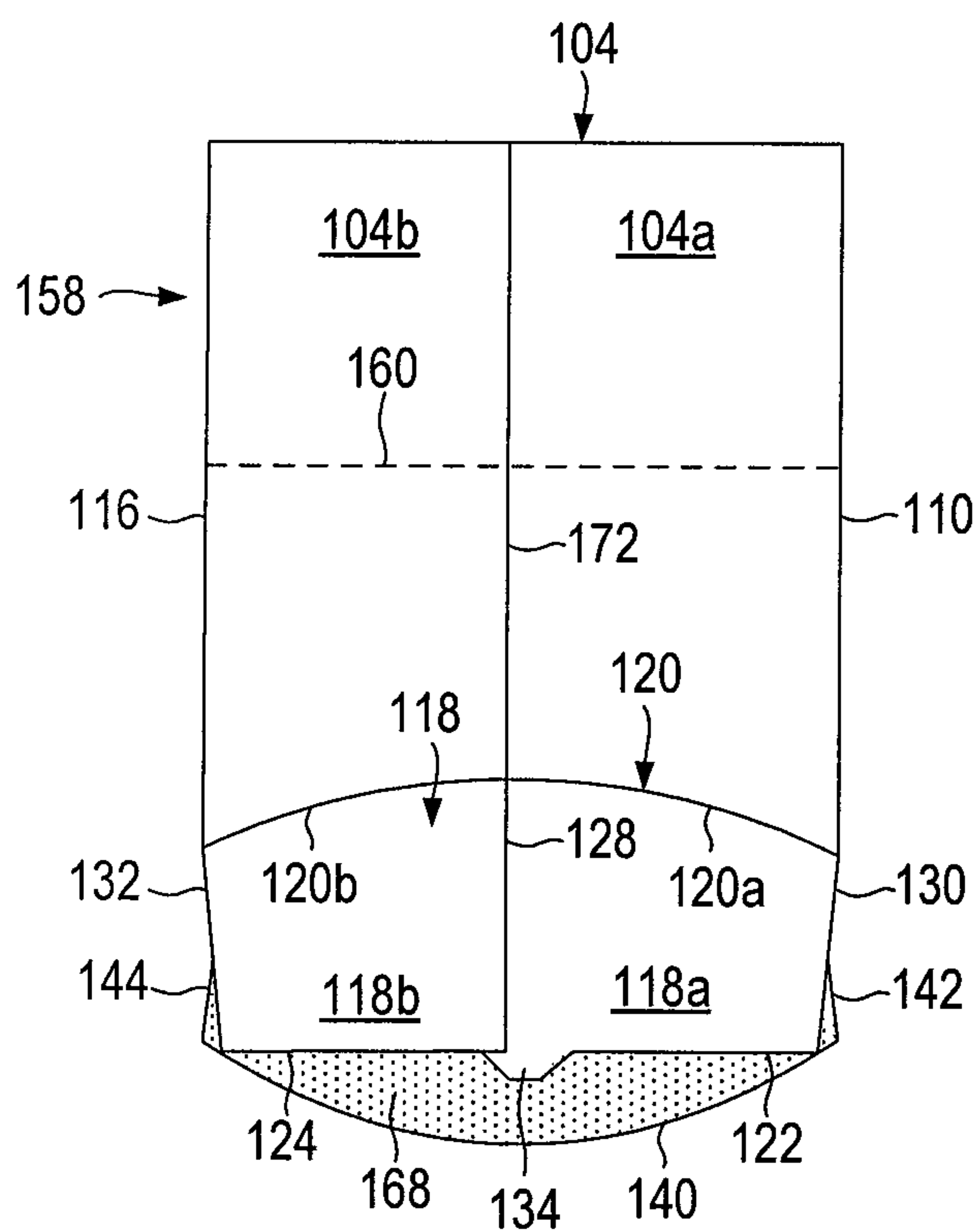


FIG. 1C



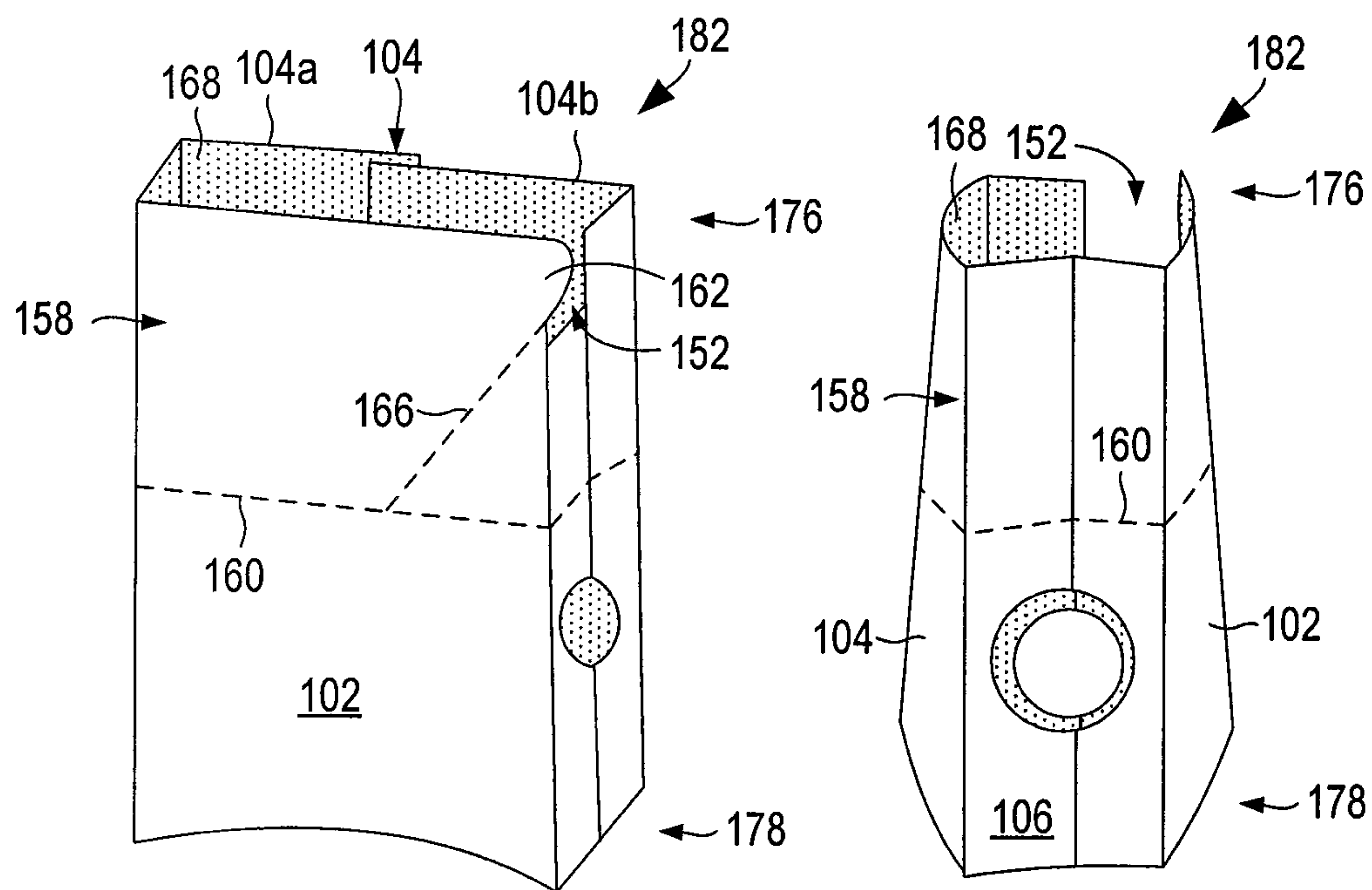


FIG. 1F

FIG. 1G

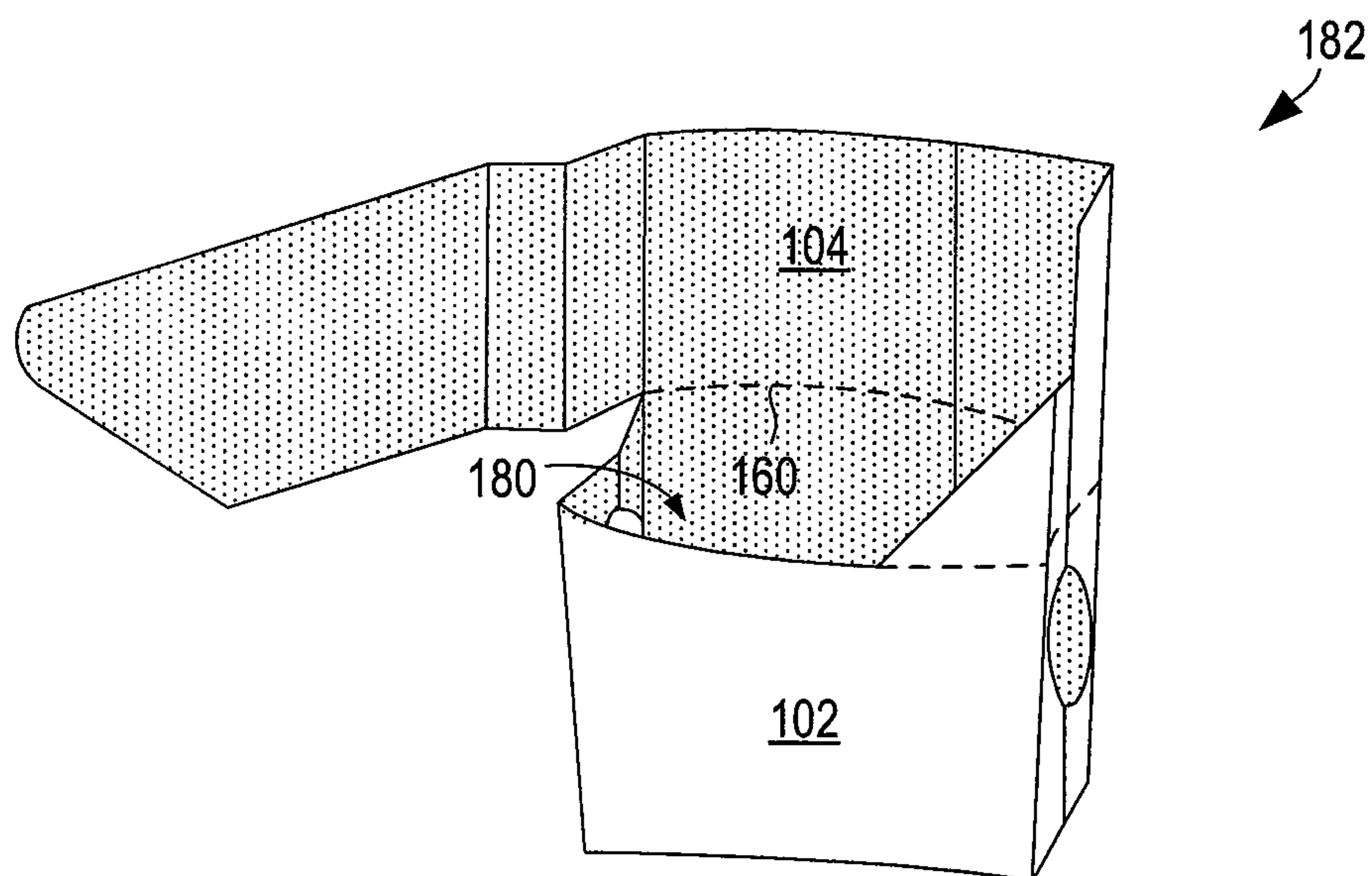


FIG. 1H

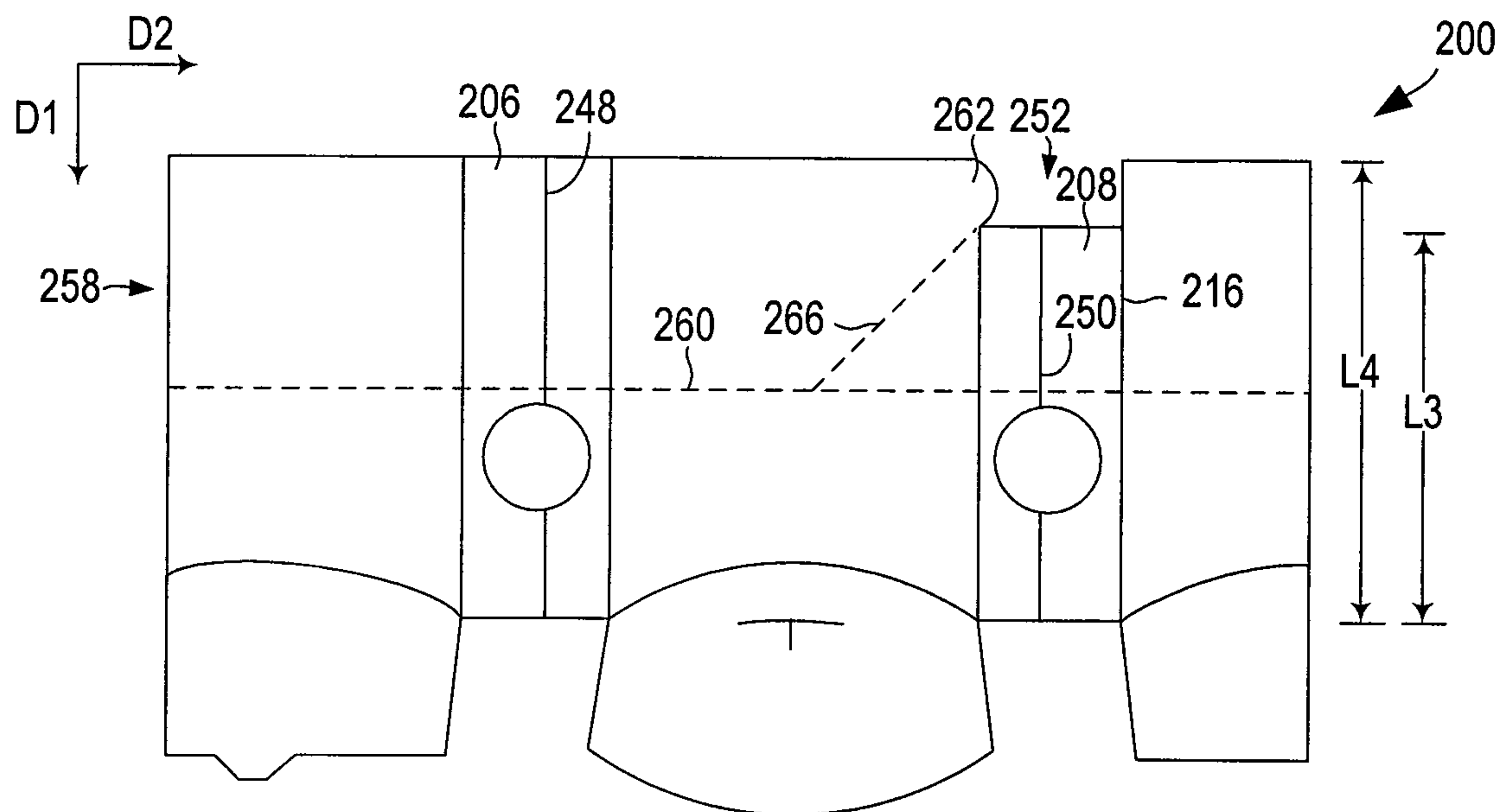


FIG. 2

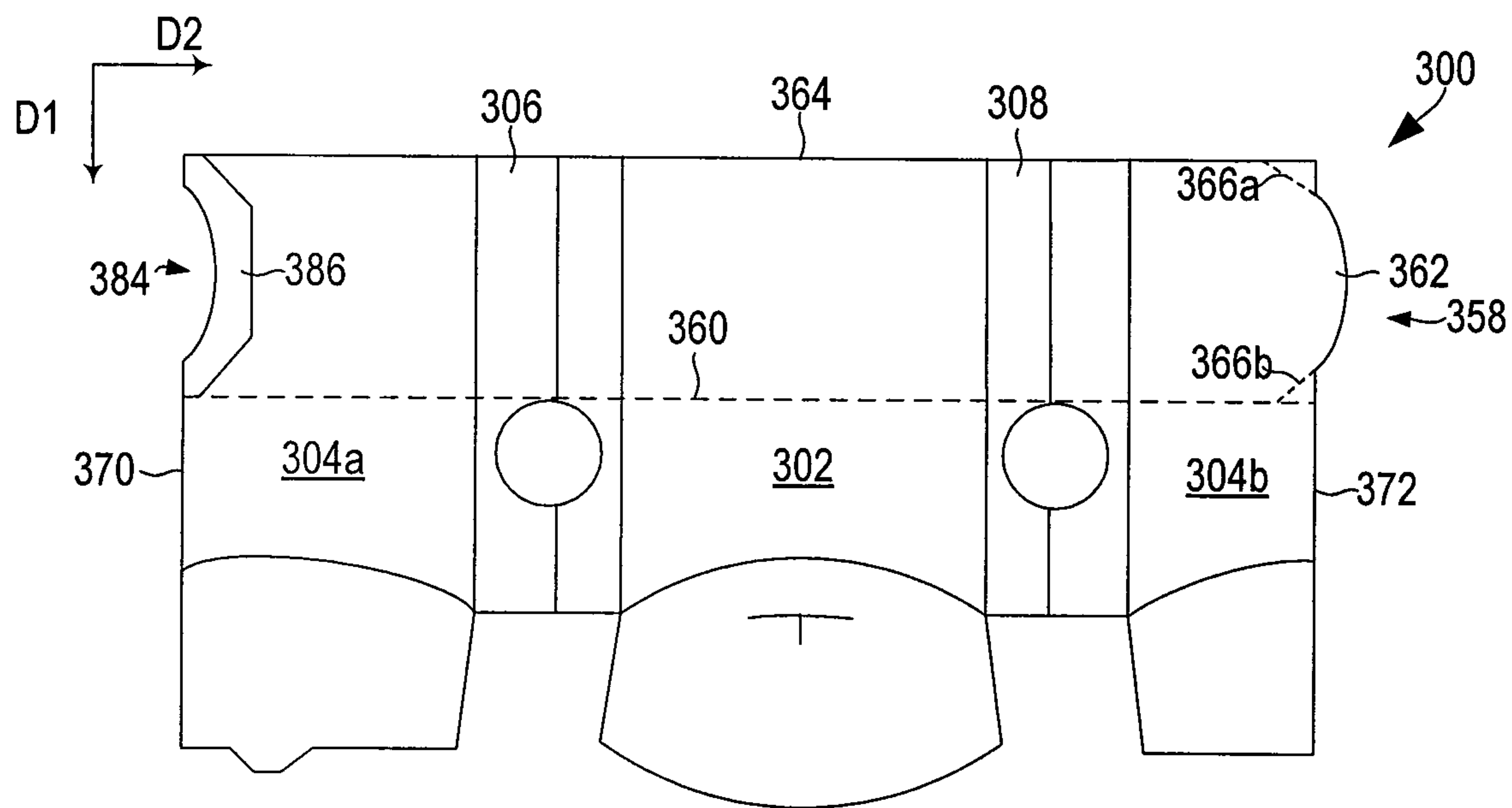


FIG. 3

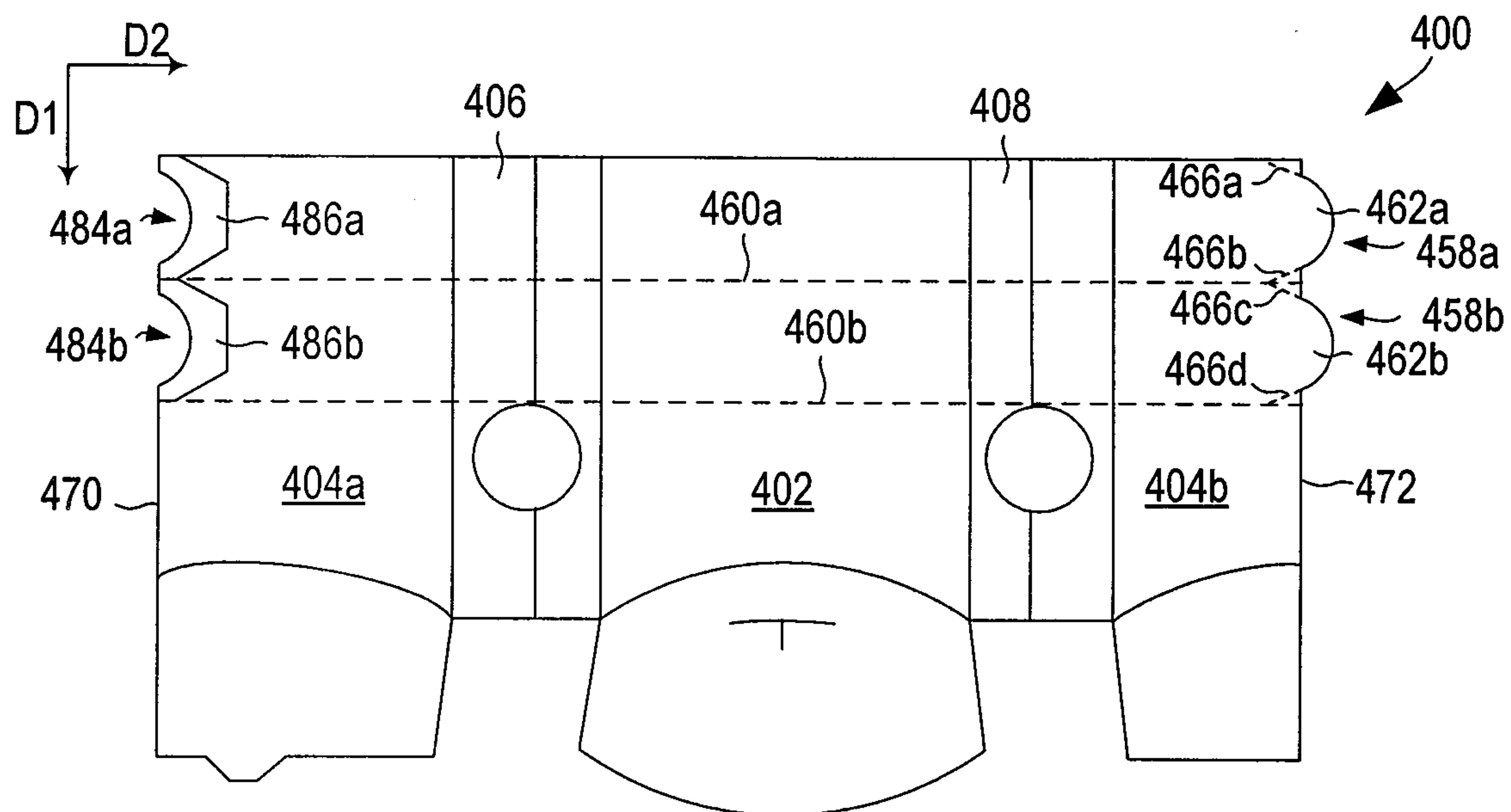


FIG. 4

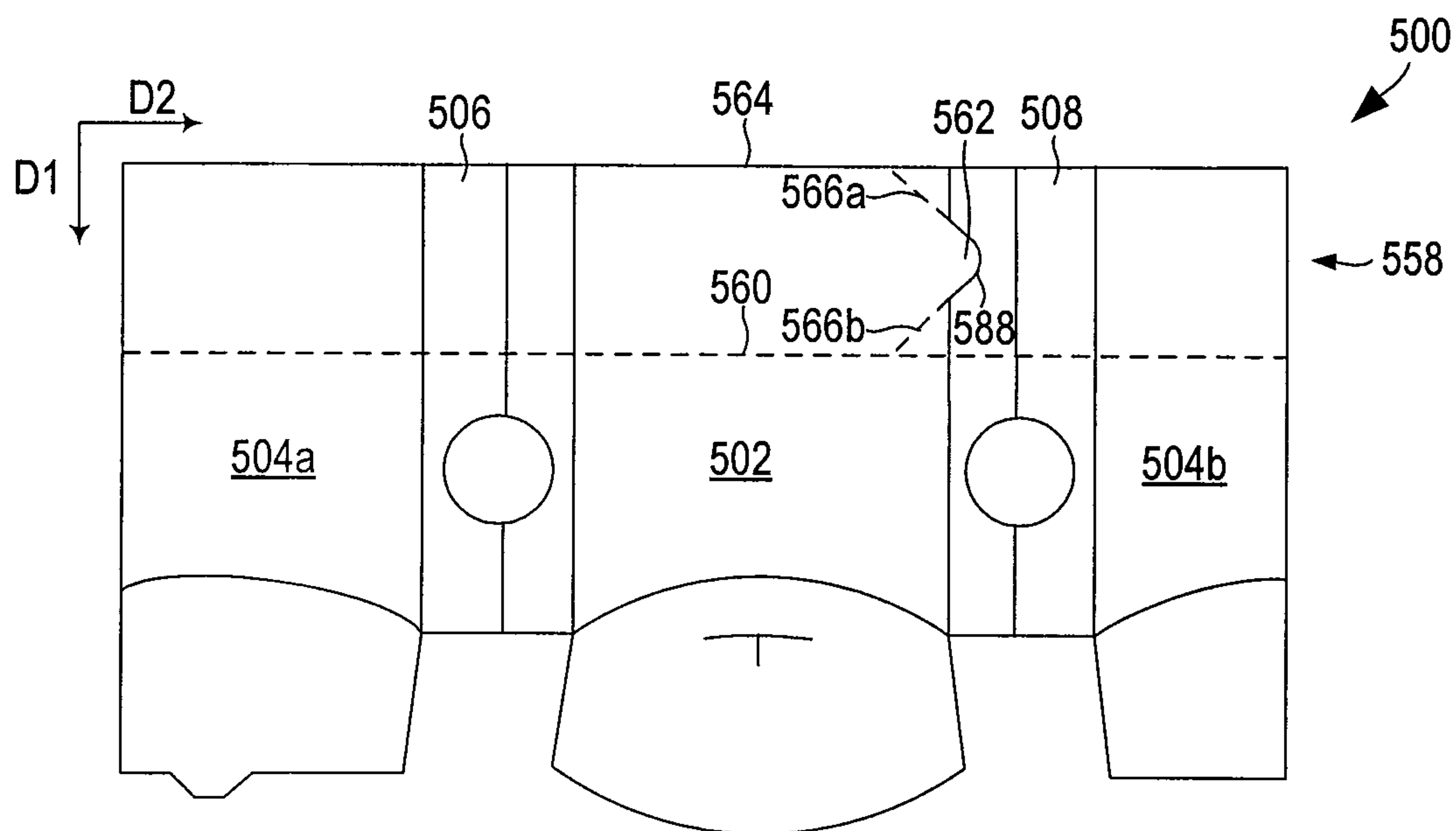


FIG. 5

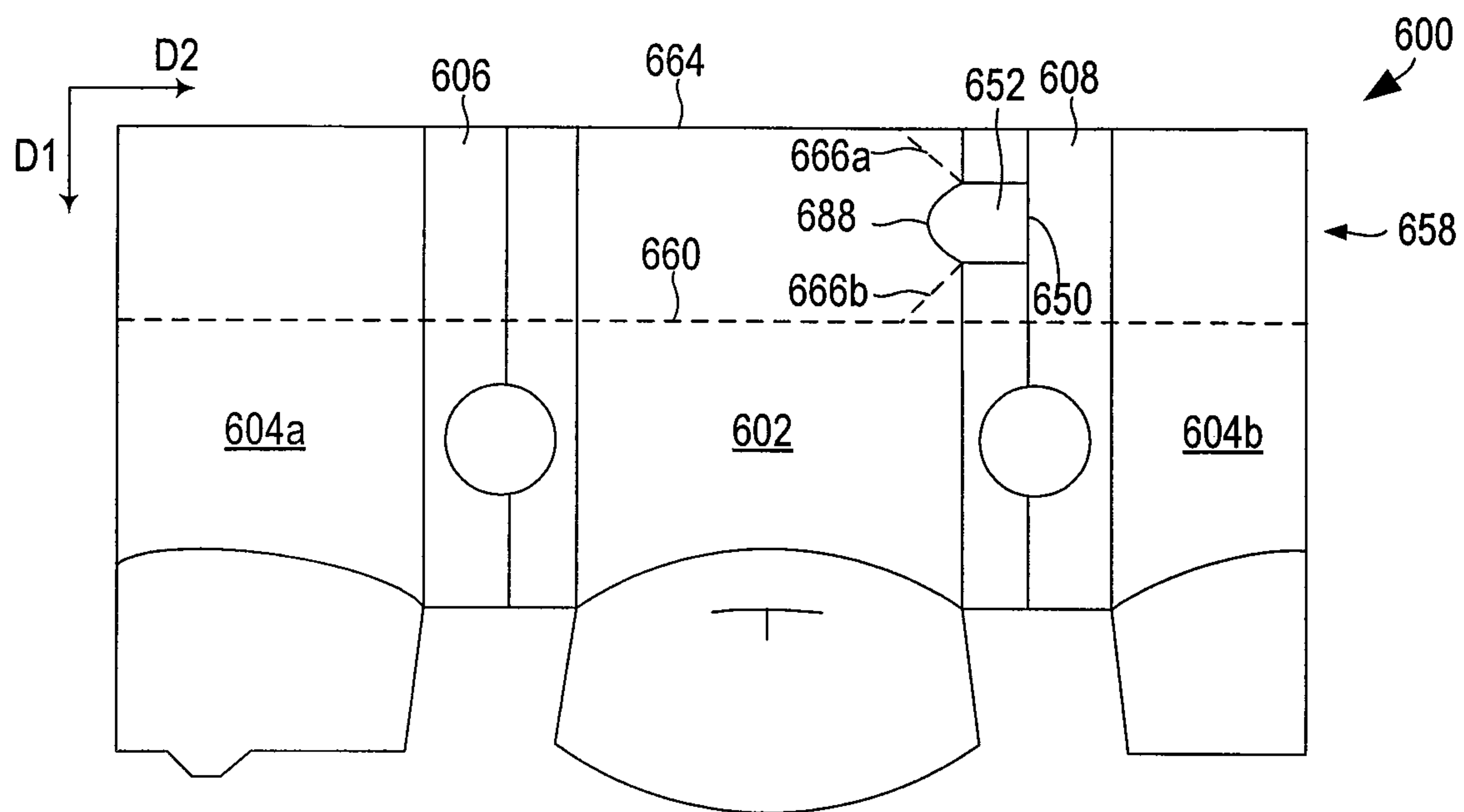


FIG. 6

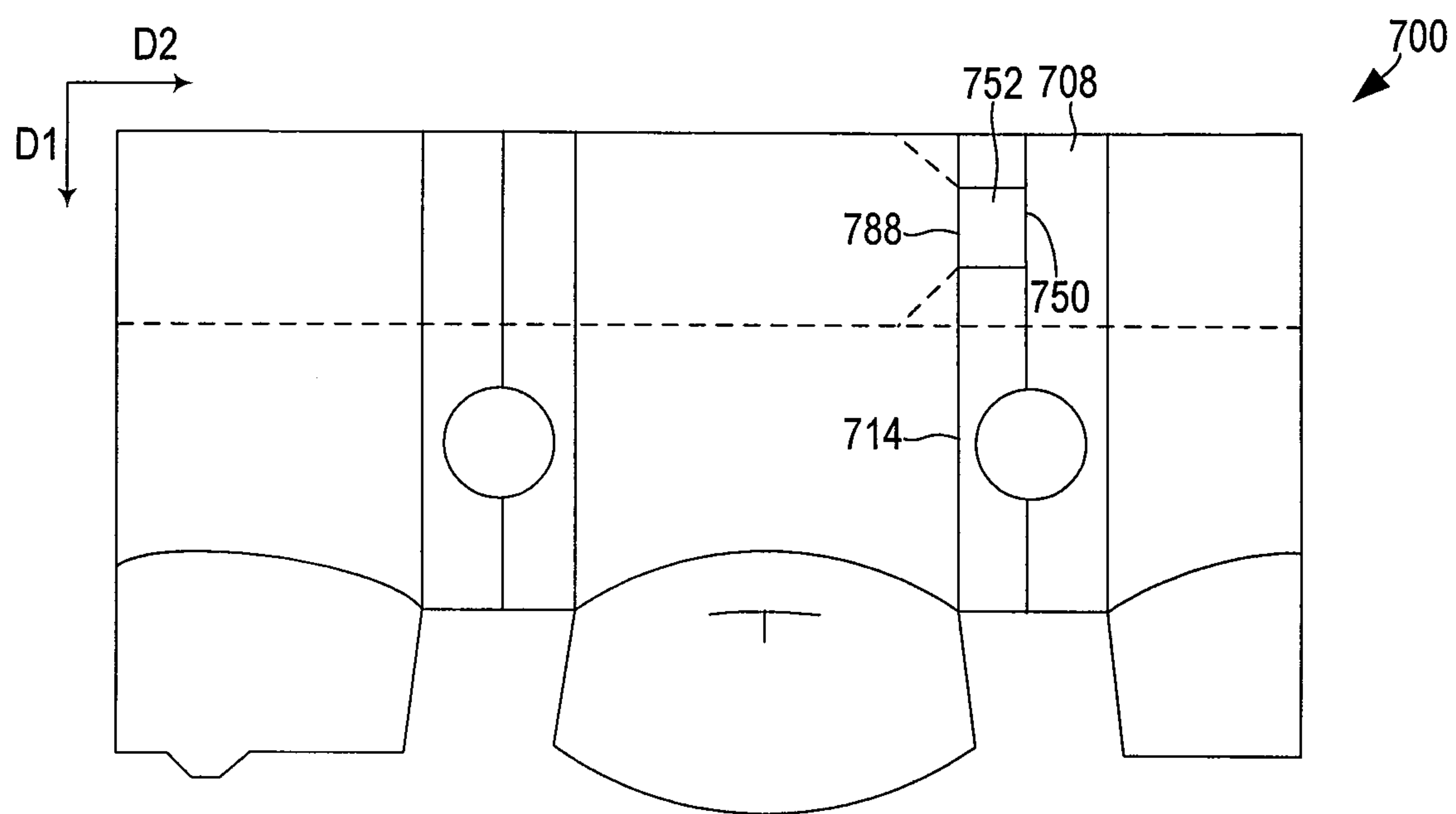


FIG. 7

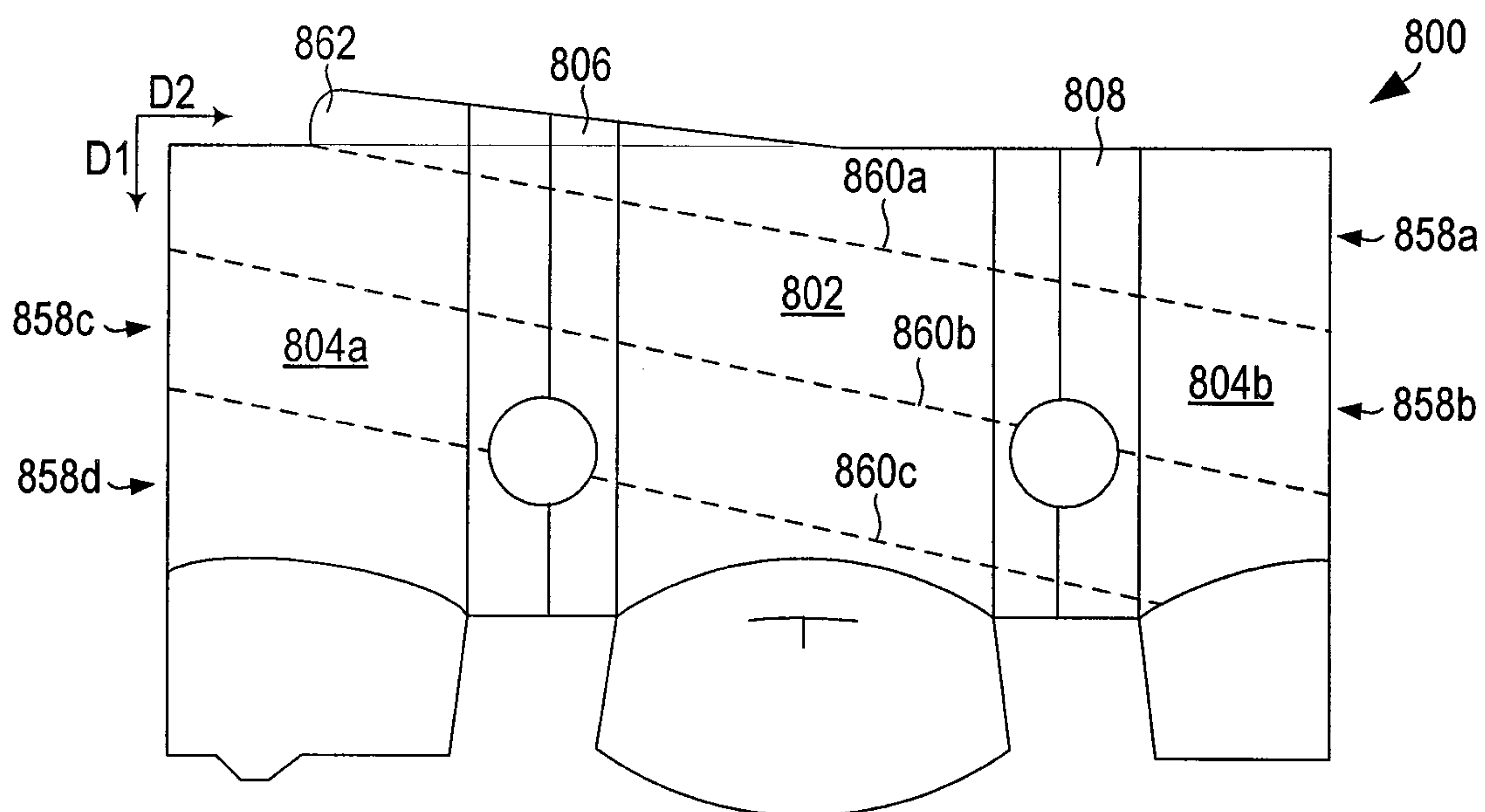


FIG. 8

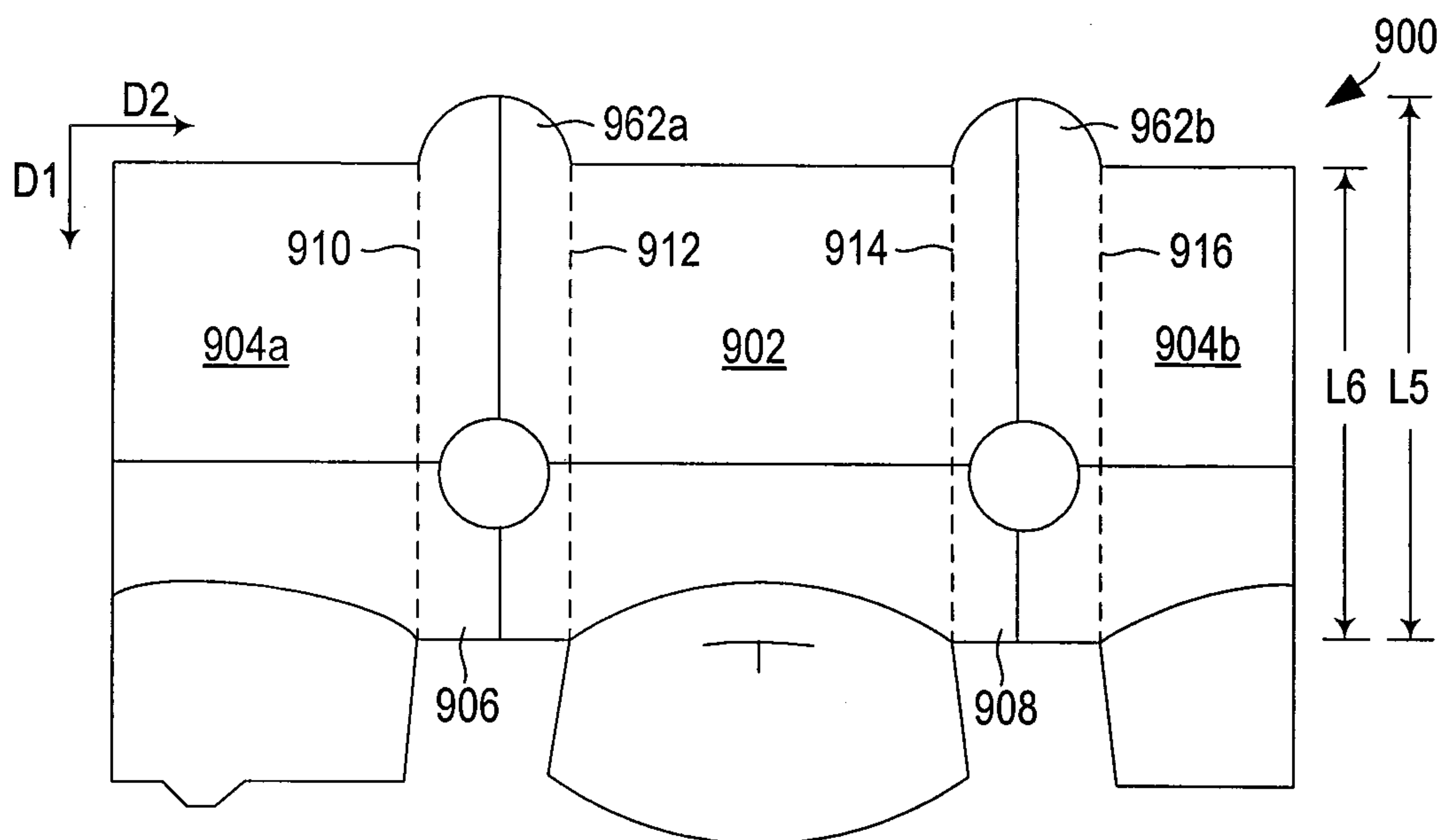


FIG. 9

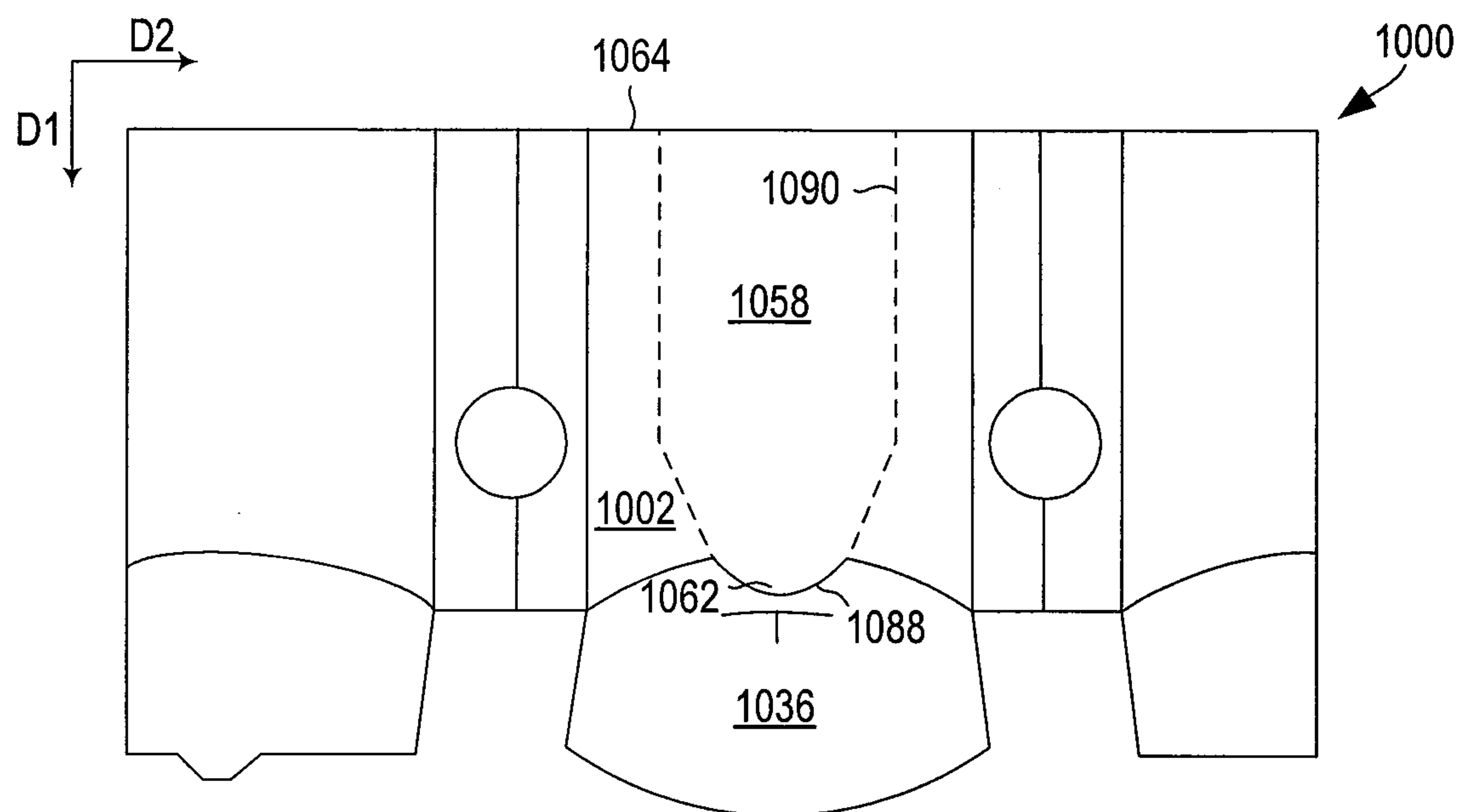


FIG. 10

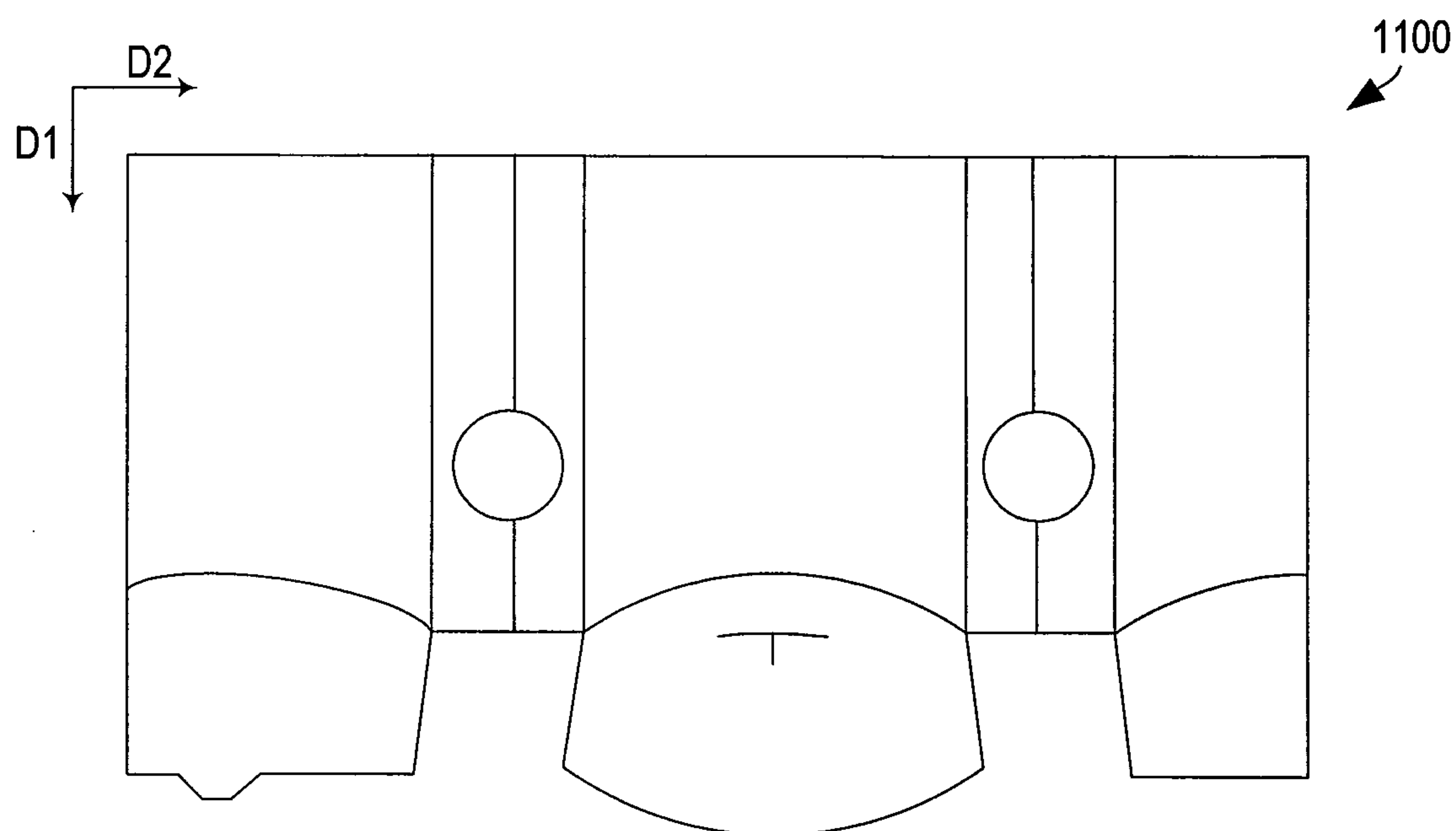


FIG. 11

