



US0D1034193S

(12)

United States Design Patent

Kuruvilla et al.

(10)

Patent No.:

US D1,034,193 S

(45)

Date of Patent:

** Jul. 9, 2024

(54) PACKAGING TRAY

FOREIGN PATENT DOCUMENTS

(71) Applicant: **Tekni-Plex, Inc.**, Wayne, PA (US)

(72) Inventors: **Babu Kuruvilla**, Duluth, GA (US); **Joe Labadie**, Perrysburg, OH (US); **Roger Lichtle**, Decatur, IN (US); **Mark A. Bergeron**, Monroe, GA (US); **Rafael Rivera, Jr.**, Dacula, GA (US)

(73) Assignee: **Tekni-Plex, Inc.**, Wayne, PA (US)

IN 271561 * 2/2018
JP D2016-21233 * 6/2017
(Continued)

(**) Term: 15 Years

OTHER PUBLICATIONS

Packaging Biodegradable Thermal Resistant Tray, posted Sep. 13, 2018 [retrieved May 11, 2023]. Retrieved from internet, <https://www.polyestertime.com/packaging-biodegradable-thermal-resistant-tray/> (Date: 2018) (Year: 2018).*

(Continued)

(21) Appl. No.: 29/722,081

Primary Examiner — Darcey E Gottschalk
Assistant Examiner — Haley K Schnebele
(74) Attorney, Agent, or Firm — Polsinelli, P.C.

(22) Filed: Jan. 27, 2020

(57) CLAIM

(51) LOC (14) Cl. 09-03

(52) U.S. Cl. USPC D9/456

The design for a packaging tray, as shown and described.

DESCRIPTION

(58) Field of Classification Search
USPC D9/500, 503, 504, 414, 416, 420, 423, D9/424, 425, 426, 427, 428, 429, 431, D9/432, 434, 435, 436, 443, 452, 453, D9/454, 456, 499, 421, 422, 430; D7/538, 543, 545, 546, 547, 548, 549, D7/550.1, 552.1, 553.2, 553.3, 553.6, D7/553.7, 554.1, 554.2, 554.3, 554.4, (Continued)

FIG. 1 is a top perspective view of a packaging tray showing our new design;
FIG. 2 is a bottom perspective view thereof;
FIG. 3 is a front elevational view thereof;
FIG. 4 is a rear elevational view thereof;
FIG. 5 is a right side elevational view thereof;
FIG. 6 is a left side elevational view thereof;
FIG. 7 is a top plan view thereof;
FIG. 8 is a bottom plan view thereof;
FIG. 9 is a front elevational view of the tray of FIG. 1, shown in a condition of use; and,
FIG. 10 is a cross sectional view of the tray taken along line 10-10 in FIG. 7 showing the shape of the blunt rim.
The broken lines shown in the drawings depict environmental structure that forms no part of the claimed design.
The dash-dot-dot line indicates a border between claimed and disclaimed features, or represents environmental elements.

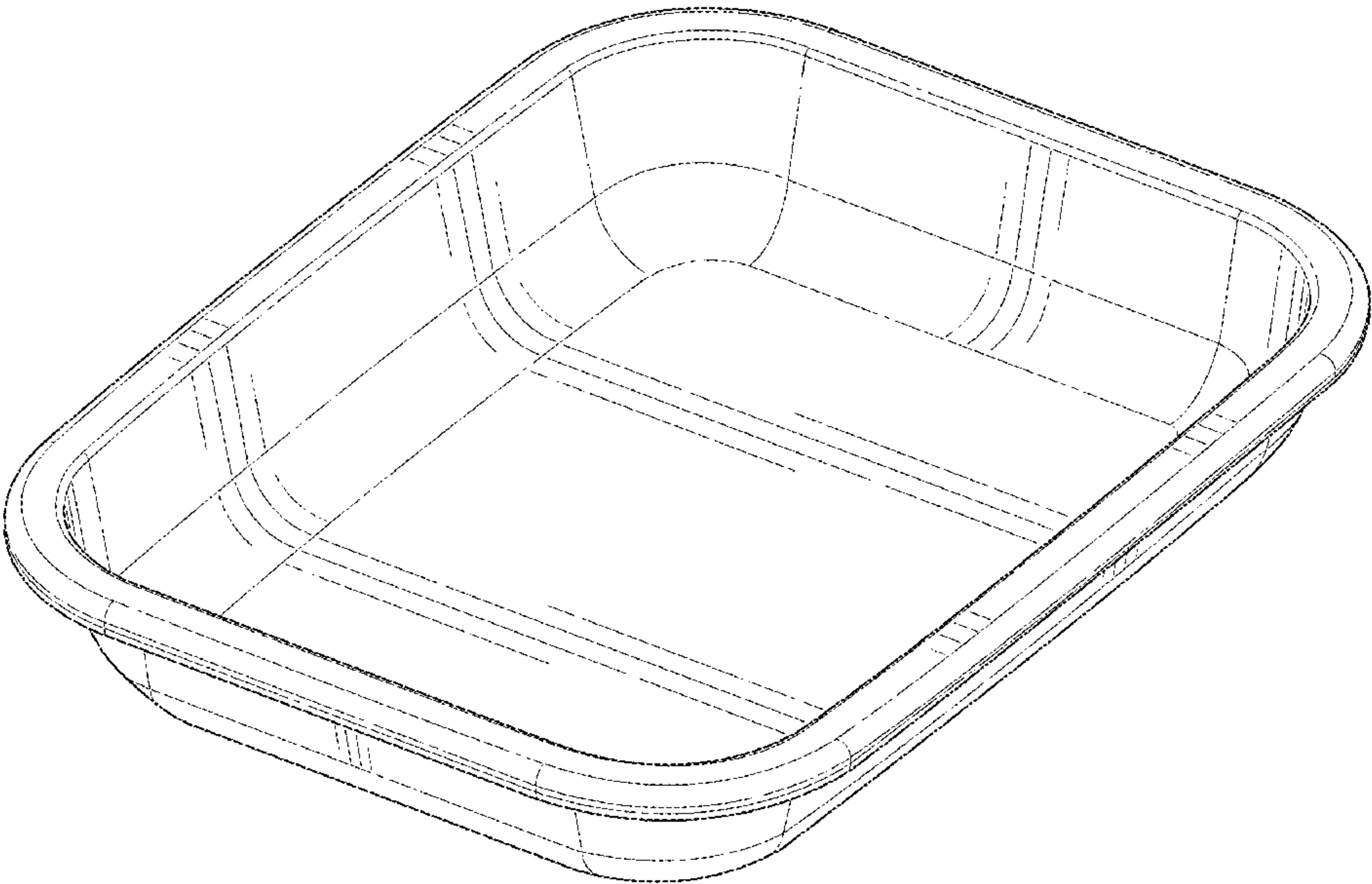
(56) References Cited

U.S. PATENT DOCUMENTS

D417,367 S * 12/1999 Laib B65D 17/404 D7/602
D432,361 S * 10/2000 Jenkins B65D 43/169 D7/554.3

(Continued)

1 Claim, 10 Drawing Sheets



(58) Field of Classification Search

USPC .. D7/647, 387, 392.1, 393, 394, 395, 396.2,
D7/900, 602, 500, 601, 629, 709;
D3/323
CPC A45C 11/20; B65D 21/00; B65D 2543/00;
B65D 2543/00027; B65D 2543/00833;
B65D 2543/00092; B65D 5/46; B65D
2551/00; B65D 51/18; B65D 2543/00296
See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

6,196,404 B1 * 3/2001 Chen B65D 43/0212
206/505
D631,299 S * 1/2011 Samartgis D7/630
D642,905 S * 8/2011 Samartgis D9/424
D642,906 S * 8/2011 Samartgis D9/424
D642,907 S * 8/2011 Samartgis D9/424
D643,710 S * 8/2011 Samartgis D9/424
D643,711 S * 8/2011 Samartgis D9/424
D643,712 S * 8/2011 Samartgis D9/424
D666,875 S * 9/2012 Rusnak D7/602
8,286,826 B2 * 10/2012 Connors, Jr. B65D 43/06
220/717
D687,679 S * 8/2013 Mikulka D7/553.2
D697,763 S * 1/2014 Carlson D7/602
D697,764 S * 1/2014 Carlson D7/602
D708,015 S * 7/2014 Carlson D7/602
D708,017 S * 7/2014 Carlson D7/602
D708,018 S * 7/2014 Carlson D7/602
D716,613 S * 11/2014 Carlson D7/602
D717,119 S * 11/2014 Carlson D7/602
D717,121 S * 11/2014 Carlson D7/602
D717,122 S * 11/2014 Carlson D7/602
8,920,892 B2 12/2014 Hernandez
D764,277 S * 8/2016 Irimia D9/428
D787,275 S * 5/2017 Carlson D7/602
9,908,281 B1 3/2018 Wallace
10,118,332 B2 11/2018 Wallace
10,189,624 B2 1/2019 Wallace
10,562,680 B2 2/2020 Wallace
D891,274 S * 7/2020 Abdelnour D7/553.3
D901,251 S * 11/2020 Griebel D7/550.1
D917,282 S * 4/2021 Albright D9/435
D917,283 S * 4/2021 Albright D9/435

D917,284 S * 4/2021 Albright D9/435
2004/0118848 A1 * 6/2004 Marshall B65D 43/169
220/835
2008/0006626 A1 * 1/2008 Zhao B65D 43/0218
220/4.21
2012/0145728 A1 * 6/2012 Pounder B65D 43/0212
220/720
2017/0001766 A1 * 1/2017 Cimmerer B65D 17/404
D7/602
2017/0320257 A1 11/2017 Van Tilborgh
2018/0105312 A1 4/2018 Mondin
2021/0130055 A1 * 5/2021 Shan B65D 5/18
2023/0150713 A1 * 5/2023 Rosell B32B 27/08
229/199
2023/0227214 A1 * 7/2023 Dominion B65D 43/0212
220/258.1
2023/0242305 A1 * 8/2023 Hon C08L 83/04
220/784

FOREIGN PATENT DOCUMENTS

JP D2016-20279 * 11/2017
JP D2016-20280 * 11/2017
KR 3020180033938 * 4/2019
KR 3020200033884 * 8/2021
KR 3020220040992 * 1/2023
MY 07-00251-0102 * 8/2006
SG 30201500880 U * 4/2015
WO 199601179 1/1996
WO 2012064203 A1 5/2012
WO 2018160645 A1 9/2018

OTHER PUBLICATIONS

Food packaging tray, posted Apr. 8, 2021 [retrieved May 11, 2023].
Retrieved from internet, <https://www.sustainableplastics.com/news/versalis-launches-food-packaging-tray-made-post-consumer-polystyrene> (Date: 2021) (Year: 2021).*

Processor Tray, posted May 25, 2022 [retrieved May 11, 2023].
Retrieved from internet, <https://www.webpackaging.com/en/portals/tekniplex/assets/13605659/tekniplex-consumer-products-launches-new-line-of-100-pet-processor-trays/> (Date: 2022) (Year: 2022).*

Rectangular CPET Food tray, posted date not available [retrieved May 11, 2023]. Retrieved from internet, <https://www.cima-pak.com/en/trays/2171-1k-evolve> (Date: 2023) (Year: 2023).*

* cited by examiner

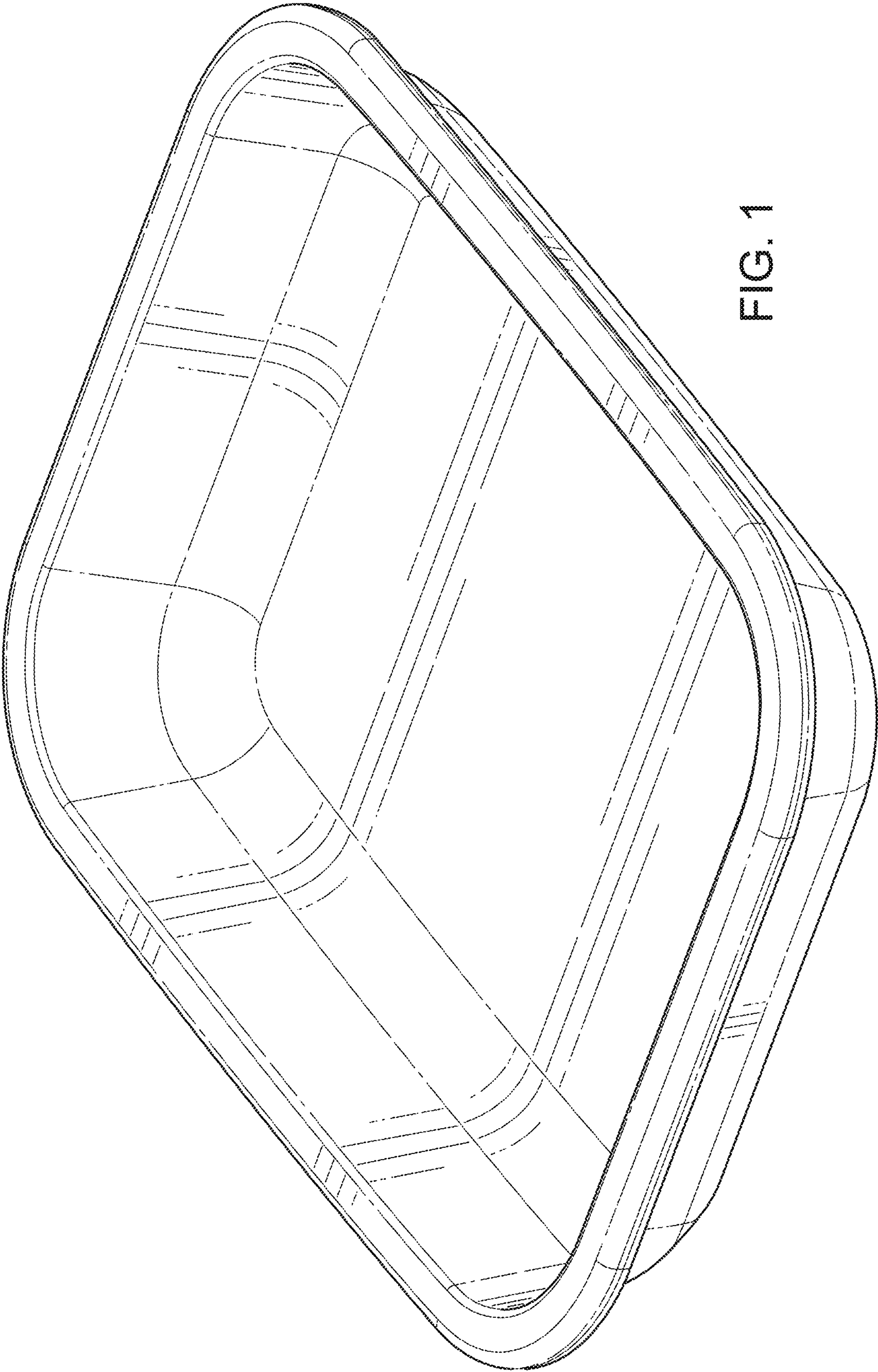


FIG. 1

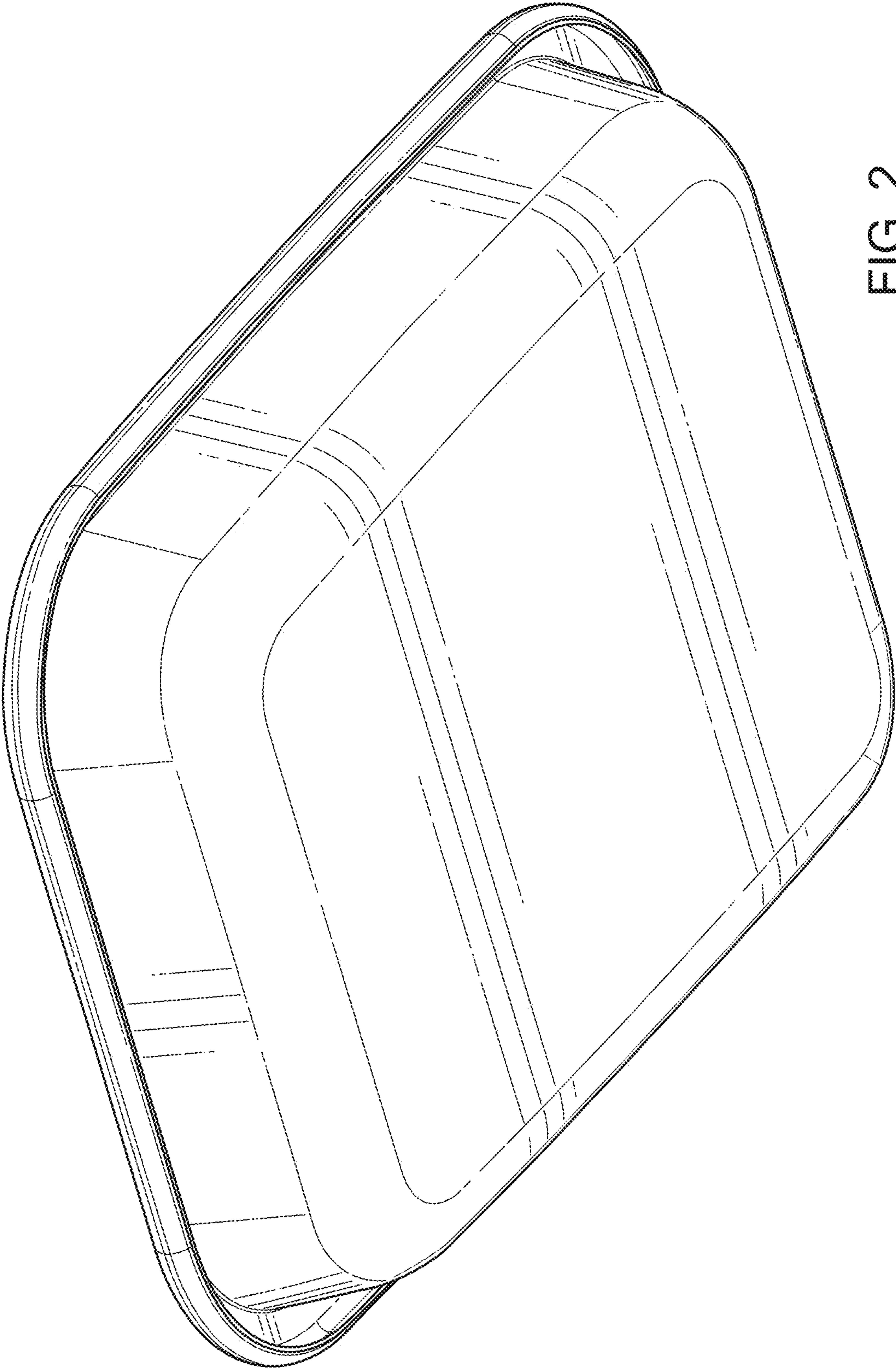


FIG. 2

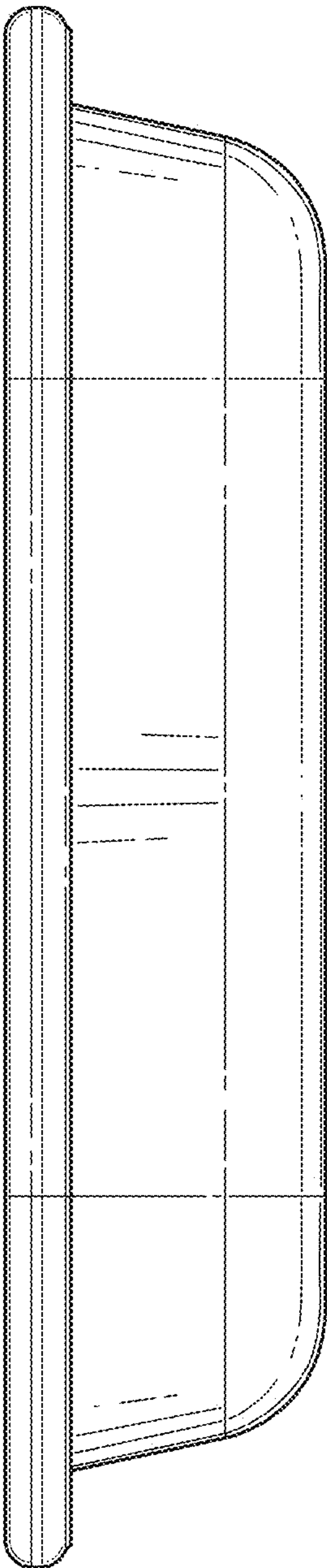


FIG. 3

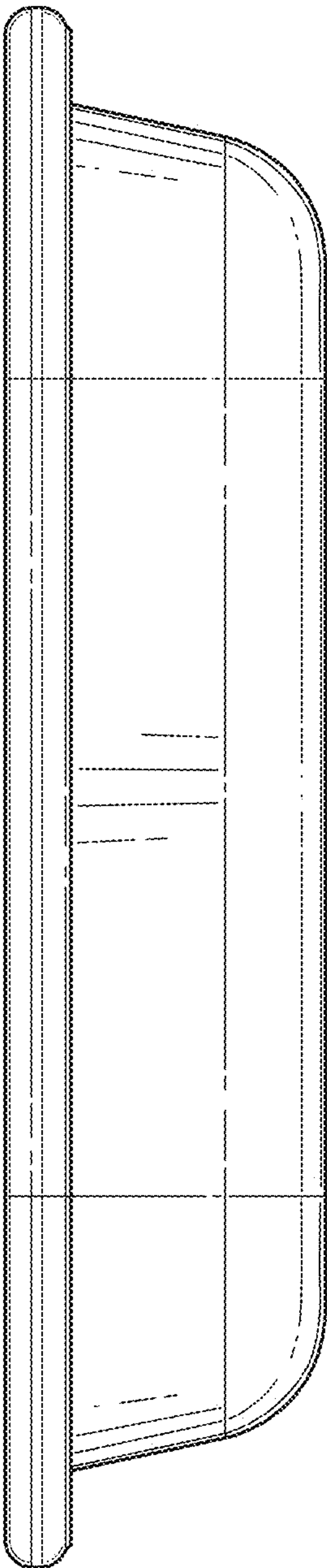


FIG. 4

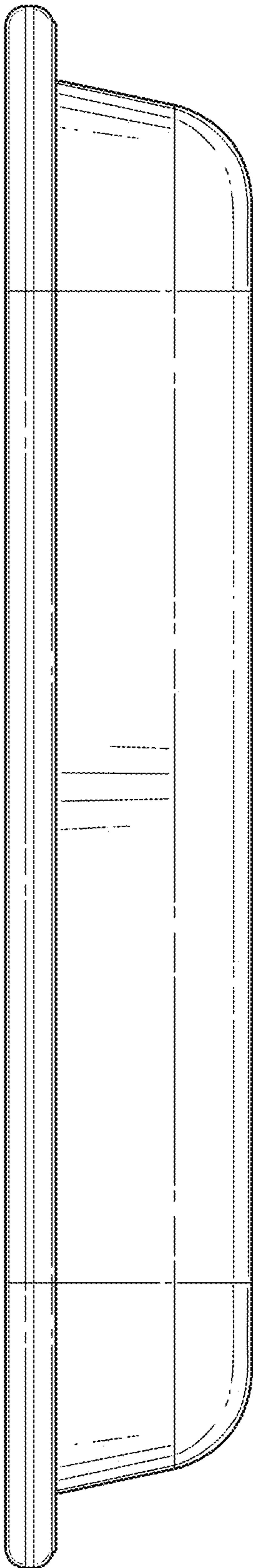


FIG. 5

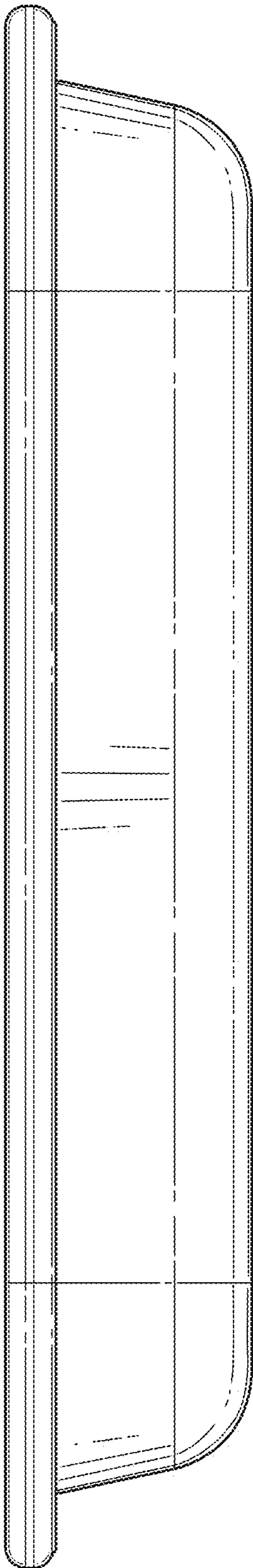


FIG. 6

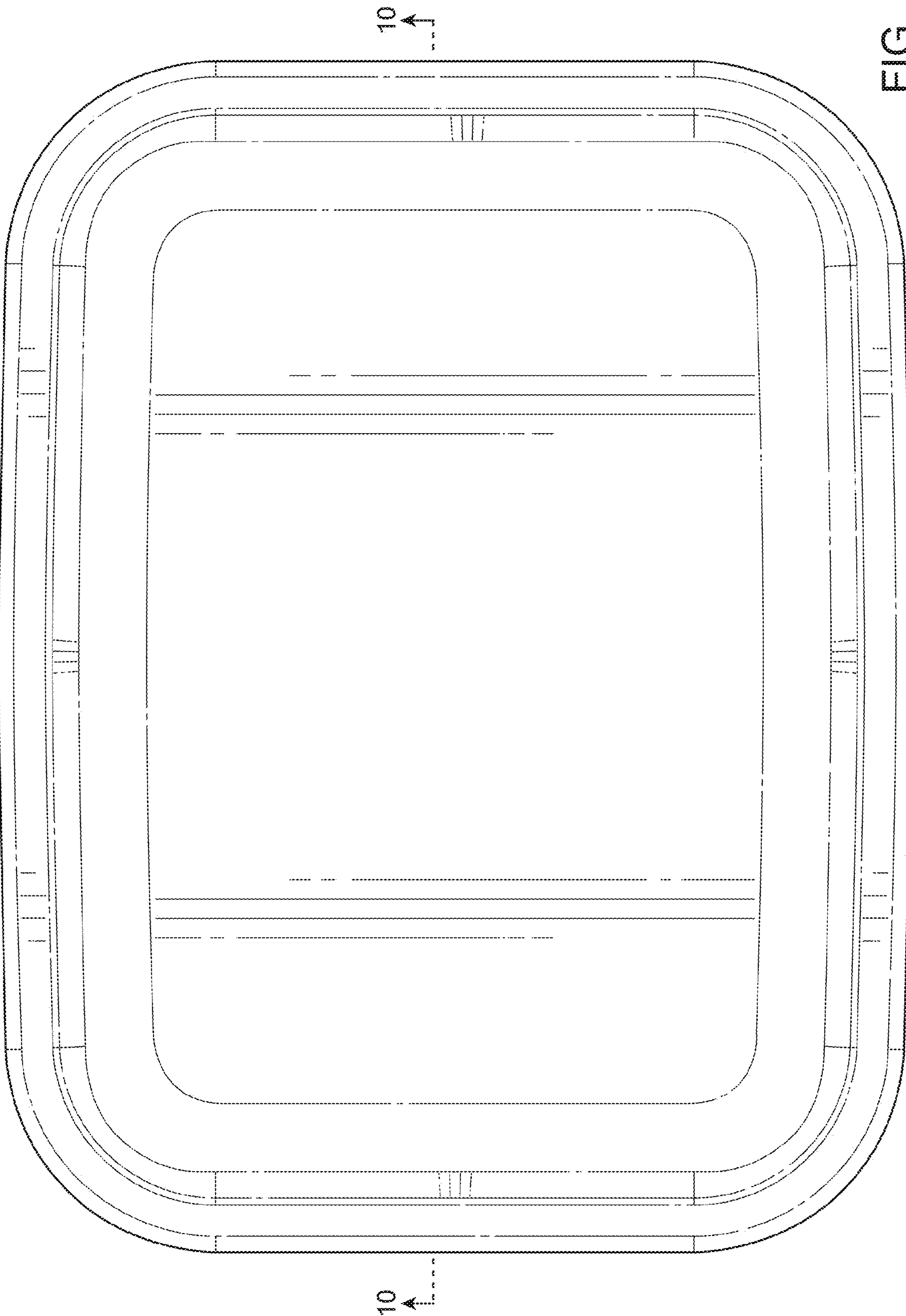


FIG. 7

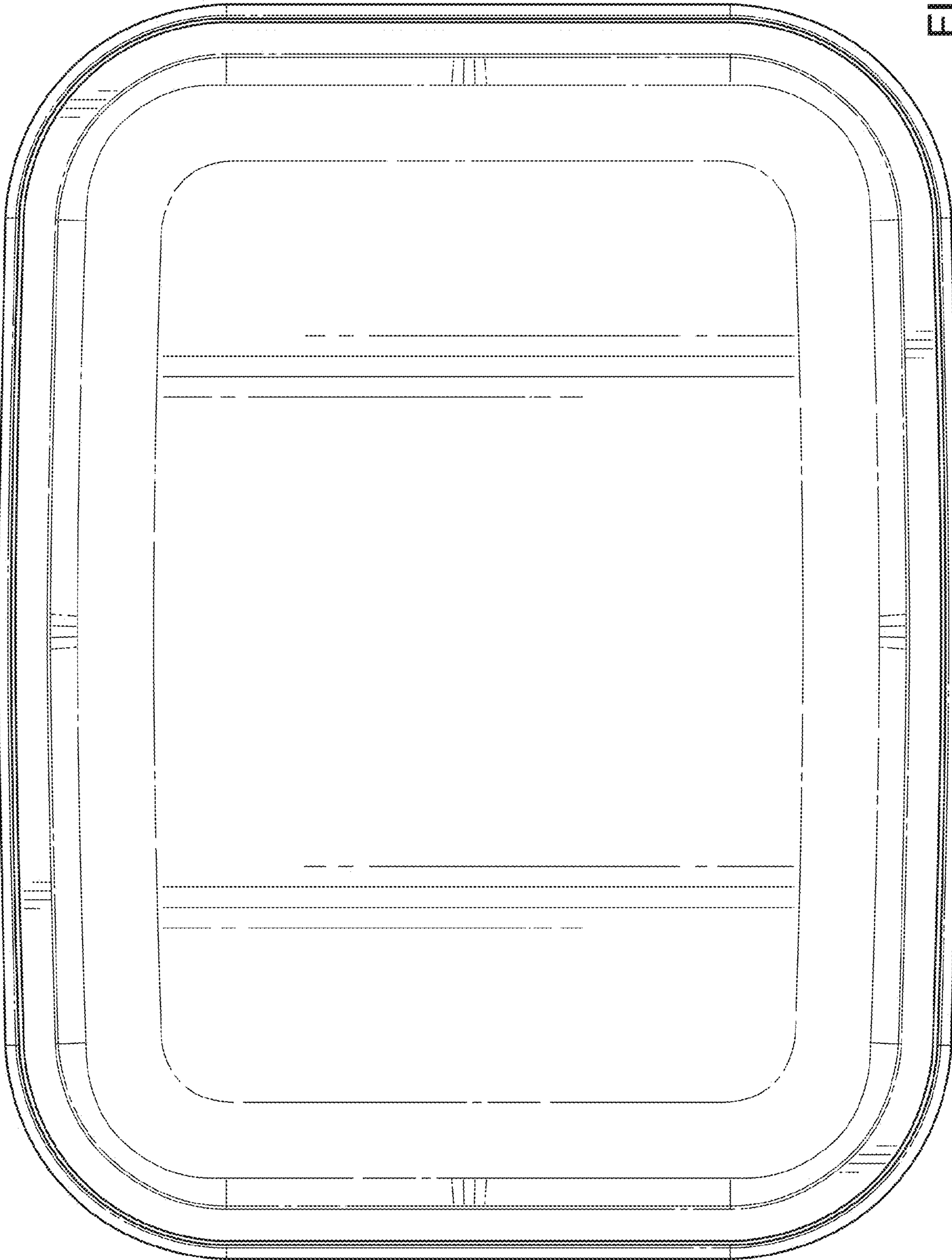


FIG. 8

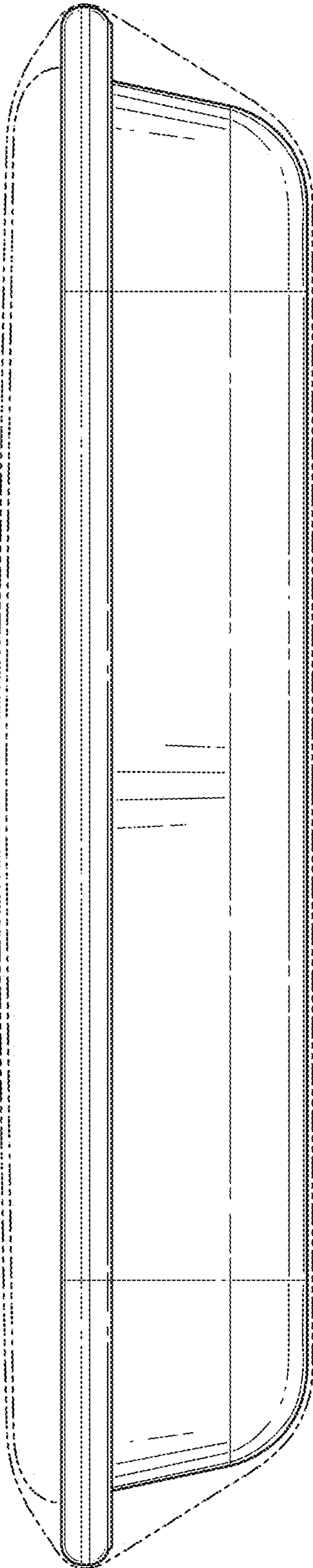


FIG. 9

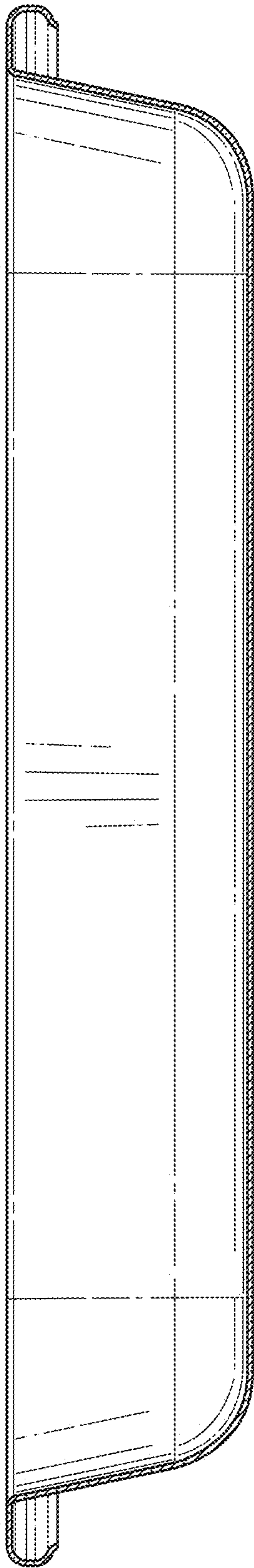


FIG. 10