



US0D1023248S

(12)

United States Design Patent

Chen et al.

(10)

Patent No.:

US D1,023,248 S

(45)

Date of Patent:

** Apr. 16, 2024

(54)

FLUID OUTPUT CONNECTOR

(71)

Applicant:

Botrista Technology, Inc., Redwood City, CA (US)

(72)

Inventors:

Jia-Hui Chen, Kaohsiung (TW);
Wu-Chou Kuo, Taipei (TW)

(73)

Assignee:

BOTRISTA TECHNOLOGY, INC., Redwood City, CA (US)

(**)

Term:

15 Years

(21)

Appl. No.:

29/883,843

(22)

Filed:

Feb. 3, 2023

D440,138 S

4/2001

Campbell

D449,370 S *

10/2001

Palestrant

D23/213

D450,565 S

11/2001

DiBianca

D528,344 S

9/2006

Mika et al.

D532,082 S

11/2006

Cimbura

D537,916 S *

3/2007

Buttgen

D23/213

D557,376 S *

12/2007

Zerrer

D23/213

7,350,671 B2 *

4/2008

Mika

B67D 3/0009

222/129

D641,834 S

7/2011

Blum

D641,835 S

7/2011

Grether

D641,839 S *

7/2011

Grether

D23/249

(Continued)

Primary Examiner — Amy C Wierenga

Assistant Examiner — Kathryn Elizabeth Zieno

(74) Attorney, Agent, or Firm — Birch, Stewart, Kolasch & Birch, LLP

Related U.S. Application Data

(62)

Division of application No. 29/786,525, filed on Jun. 1, 2021.

(51)

LOC (14) Cl.

23-01

(52)

U.S. Cl.

USPC

D23/262; D7/307; D7/300

(58)

Field of Classification Search

USPC D23/202–203, 233, 259–269; D15/144.2; D8/70; D7/306–307

CPC .. Y10T 29/49826; Y10T 428/139; F16L 9/02; F16L 9/14; E03D 11/13; E03D 2201/30; E03D 11/17; E03D 11/18; E03D 9/031

See application file for complete search history.

References Cited

U.S. PATENT DOCUMENTS

1,940,742 A

12/1933

Bryant

4,910,811 A

3/1990

Izzi, Sr.

D310,888 S

9/1990

Wilder

D348,924 S

7/1994

Merrett

D352,770 S

11/1994

Lopez

D353,443 S

12/1994

Lopez

5,890,629 A

4/1999

Loew

CLAIM

The ornamental design for a fluid output connector, as shown and described.

DESCRIPTION

FIG. 1 is a top, front, right side perspective view of a fluid output connector, showing the new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a top view thereof;
FIG. 7 is a bottom view thereof; and,
FIG. 8 is a bottom, rear, left side perspective view thereof. Features shown in broken lines in the drawings form no part of the claimed design.
The surfaces that sit between an exterior edge shown in evenly spaced broken lines and an interior edge shown in solid lines of the top face of the article in FIGS. 1 and 6 are not part of the claimed design.

1 Claim, 8 Drawing Sheets

(56)

References Cited

U.S. PATENT DOCUMENTS

D652,120 S * 1/2012 Widenmann D23/263
D653,734 S 2/2012 Sisk
D669,967 S * 10/2012 Andersen D23/233
D669,969 S 10/2012 Forrest et al.
D670,794 S 11/2012 Antonietello
D678,480 S 3/2013 Blum
D681,784 S * 5/2013 Liljegren D23/262
D682,987 S 5/2013 Blum
D684,240 S 6/2013 Stein
D699,819 S 2/2014 Tung
D700,282 S 2/2014 Blum
8,727,118 B1 5/2014 Chen
D709,593 S 7/2014 Blum
D715,409 S 10/2014 Raimondi
D720,052 S * 12/2014 Roberts D23/266
D720,053 S * 12/2014 Roberts D23/266
D720,054 S * 12/2014 Roberts D23/266
D720,055 S * 12/2014 Roberts D23/266
D723,672 S 3/2015 Larkin et al.
D735,836 S 8/2015 Yamagishi et al.
D747,165 S 1/2016 Vanderwoude
D750,570 S * 3/2016 Smith D13/155
D751,773 S 3/2016 Gailen
D754,282 S 4/2016 Blum

D773,297 S 12/2016 Liu
D779,045 S 2/2017 Johansen
D787,023 S 5/2017 Ball
D805,828 S 12/2017 Merali et al.
D829,869 S 10/2018 McClam
D833,856 S 11/2018 Simonds et al.
D839,385 S * 1/2019 Vögeli D23/213
D839,728 S 2/2019 Rees et al.
D850,841 S * 6/2019 Rupp B67D 3/0083
D7/307
D852,144 S * 6/2019 Maegawa D13/156
D850,840 S 8/2019 Rupp
D855,756 S 8/2019 Blum
D859,904 S 9/2019 Mitlyng et al.
D895,421 S * 9/2020 Laible D9/436
D899,925 S * 10/2020 Laible D9/436
D916,250 S 4/2021 Meyers
D921,152 S * 6/2021 Blum D23/249
D921,166 S 6/2021 Meyers
D922,540 S 6/2021 Meyers
D933,788 S 10/2021 Banks
D949,294 S 4/2022 Chandler
D953,495 S 5/2022 Banks
D960,291 S 8/2022 Blum
D960,297 S 8/2022 Stein et al.
D961,769 S 8/2022 Chiga et al.
D963,390 S 9/2022 Liao

* cited by examiner

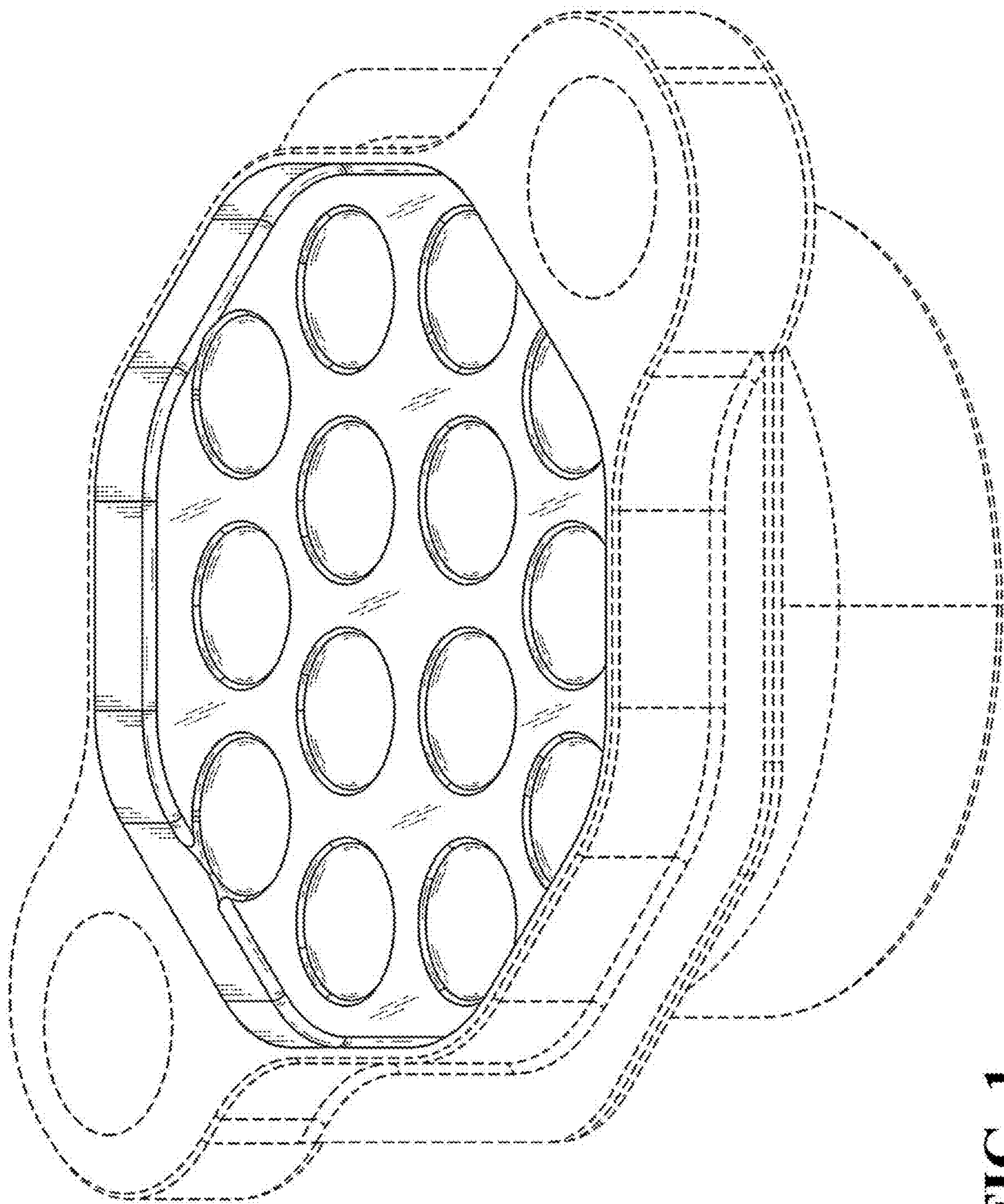


FIG. 1

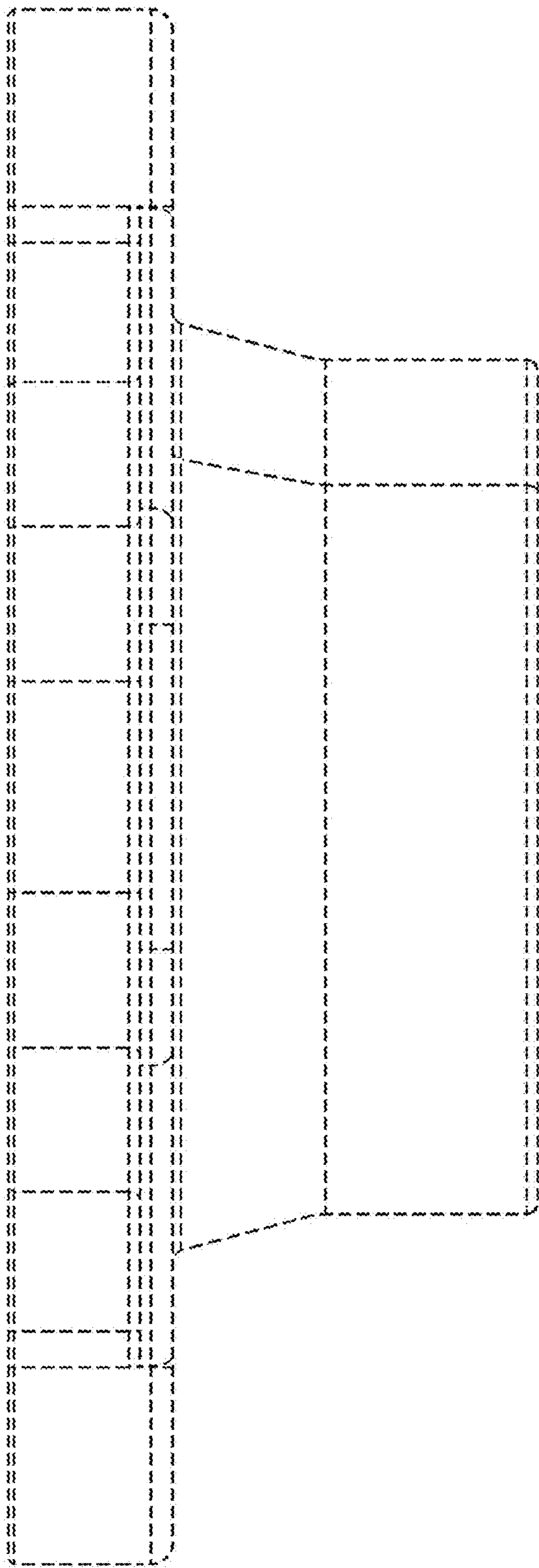


FIG. 2

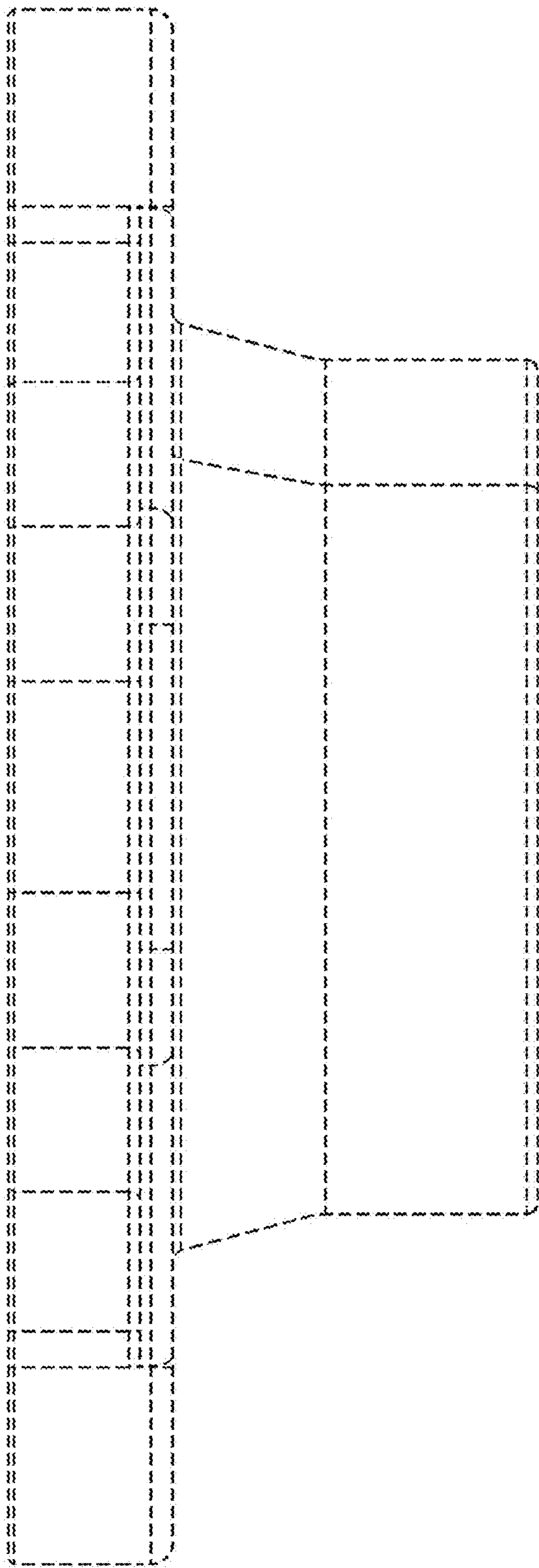


FIG. 3

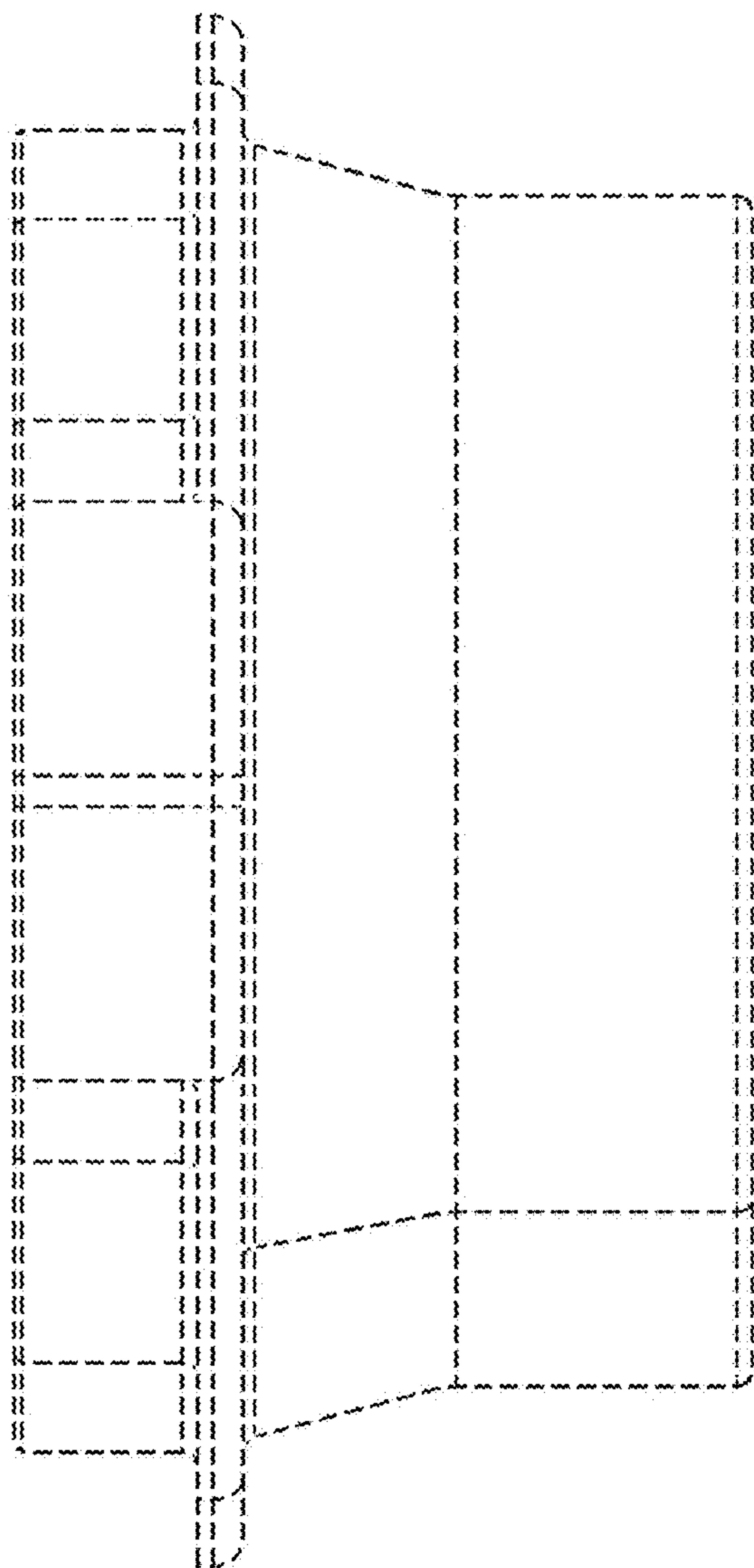


FIG. 4

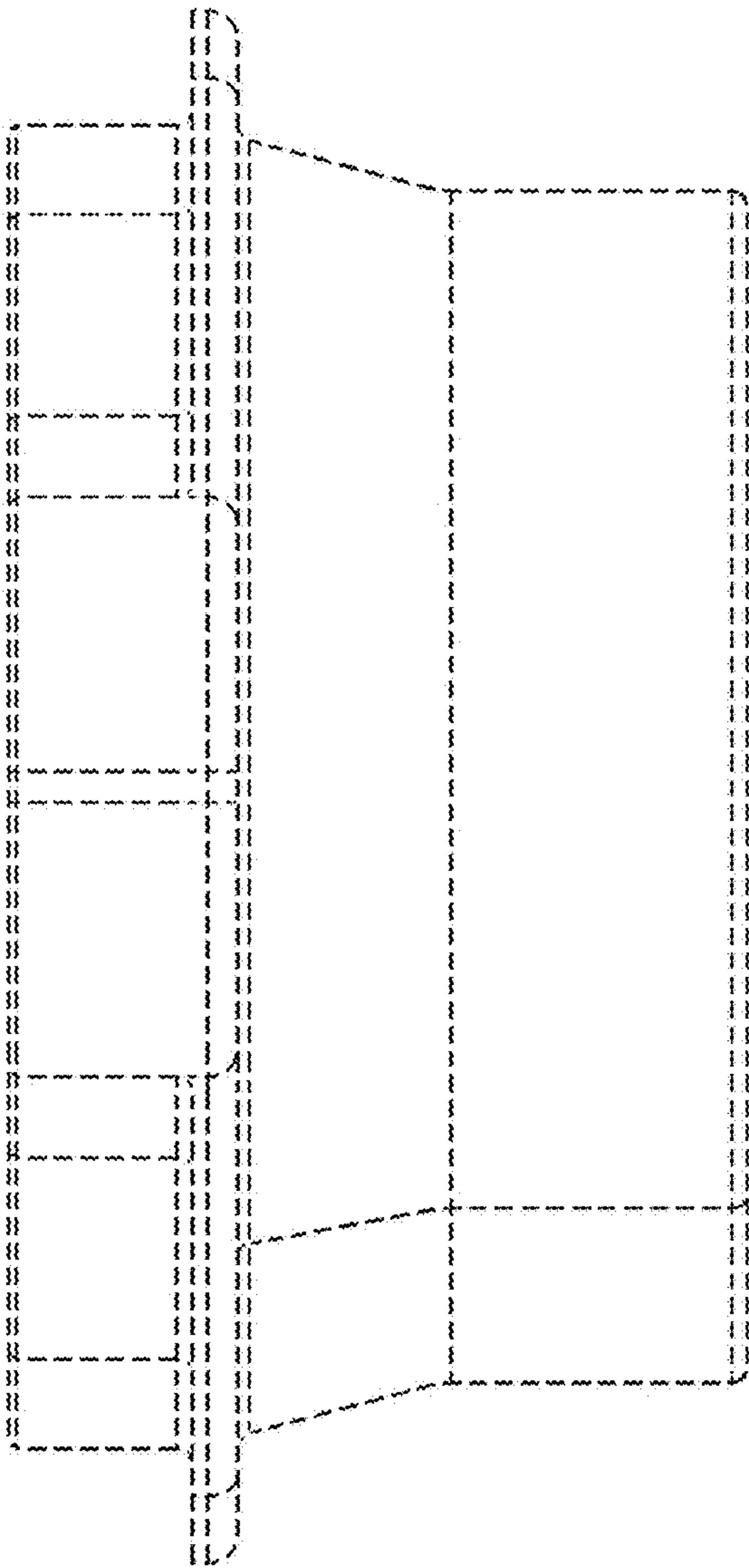


FIG. 5

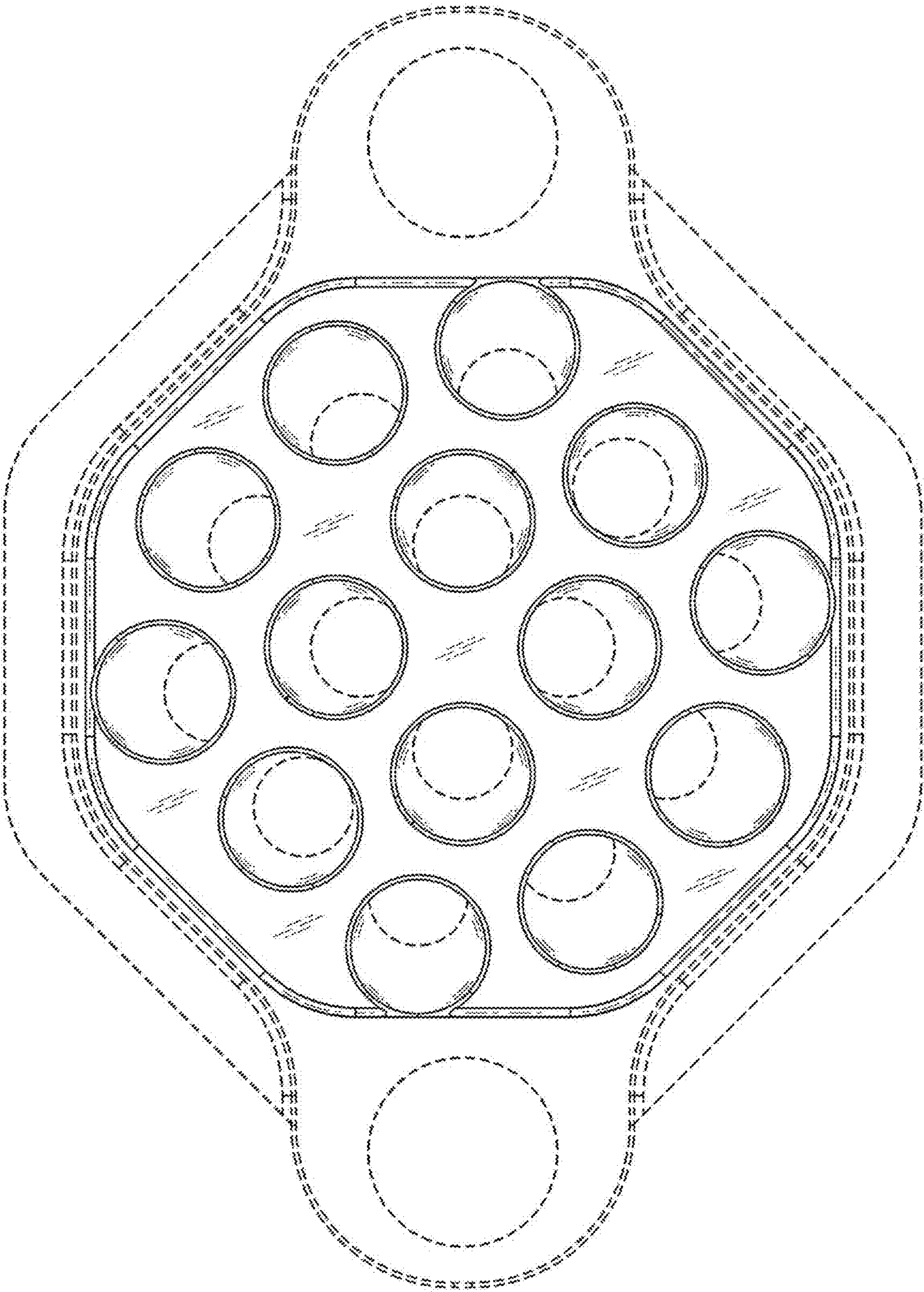


FIG. 6

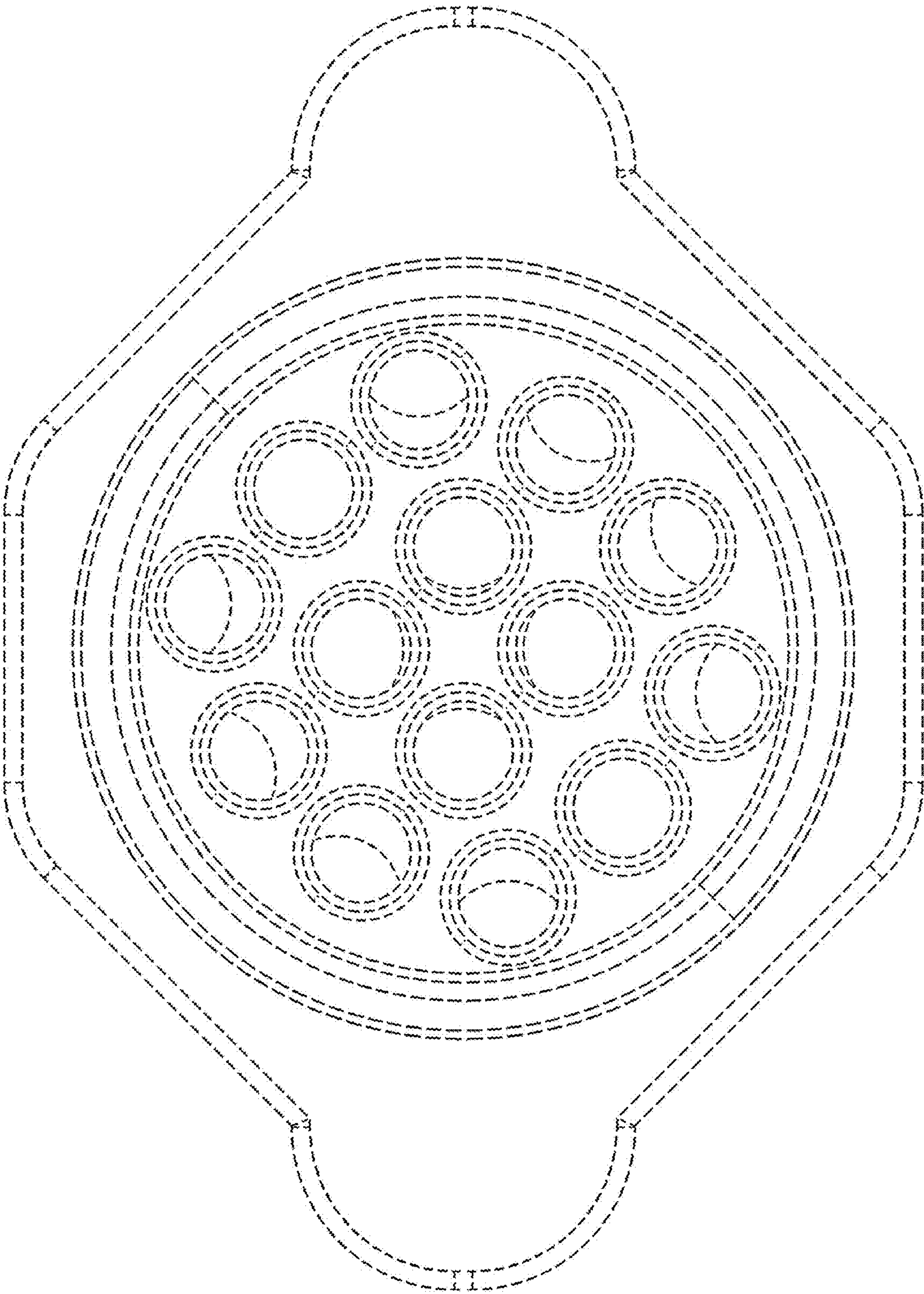


FIG. 7

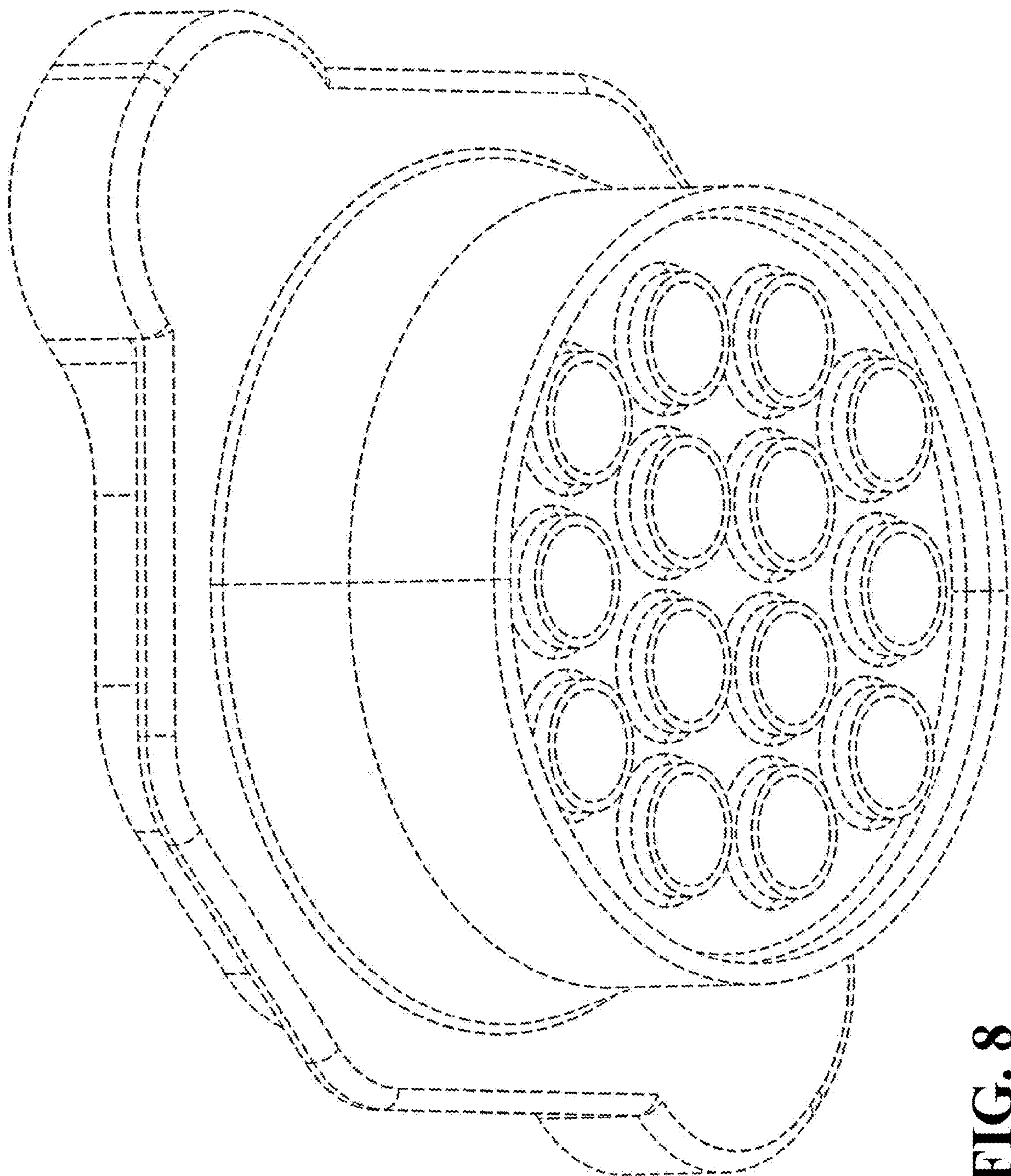


FIG. 8