



US00D808037S

(12) **United States Design Patent**
Gavlak et al.

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(45) **Date of Patent:** **** Jan. 16, 2018**

(54) **CANISTER ASSEMBLY**

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(**) Term: **15 Years**

(21) Appl. No.: **29/599,452**

(22) Filed: **Apr. 3, 2017**

Related U.S. Application Data

(63) Continuation of application No. 29/541,872, filed on Oct. 8, 2015, now Pat. No. Des. 783,176.

(51) **LOC (11) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/224**; D24/121

(58) **Field of Classification Search**
USPC D24/108, 117, 121, 216, 224, 232;
D3/203.1, 203.2; D10/81; D9/435-436,
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D293,536 S * 1/1988 Ritman D7/531
D305,360 S * 1/1990 Fechtner D24/226
(Continued)

Primary Examiner — Ian Simmons

Assistant Examiner — Mark Cavanna

(74) *Attorney, Agent, or Firm* — KPPB LLP

(57) **CLAIM**

The ornamental design for a canister assembly, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of an assembled canister assembly consisting of a base portion and a lid portion with the lid uncapped, showing our new design; FIG. 2 is a bottom perspective view thereof; FIG. 3 is a front side view thereof; FIG. 4 is a back side view thereof; FIG. 5 is a left side view thereof; FIG. 6 is right side view thereof; FIG. 7 is a top view thereof; and FIG. 8 is a bottom view thereof.

FIG. 9 is a top perspective view of the lid portion of the canister assembly seen in FIG. 1 shown separately for clarity of illustration;

FIG. 10 is a bottom perspective view thereof;

FIG. 11 is a front side view thereof;

FIG. 12 is a back side view thereof;

FIG. 13 is a left side view thereof;

FIG. 14 is right side view thereof;

FIG. 15 is a top view thereof; and

FIG. 16 is a bottom view thereof.

FIG. 17 is a top perspective view of the base portion of the canister assembly seen in FIG. 1 shown separately for clarity of illustration;

FIG. 18 is a bottom perspective view thereof;

FIG. 19 is a front side view thereof;

FIG. 20 is a back side view thereof;

FIG. 21 is a left side view thereof;

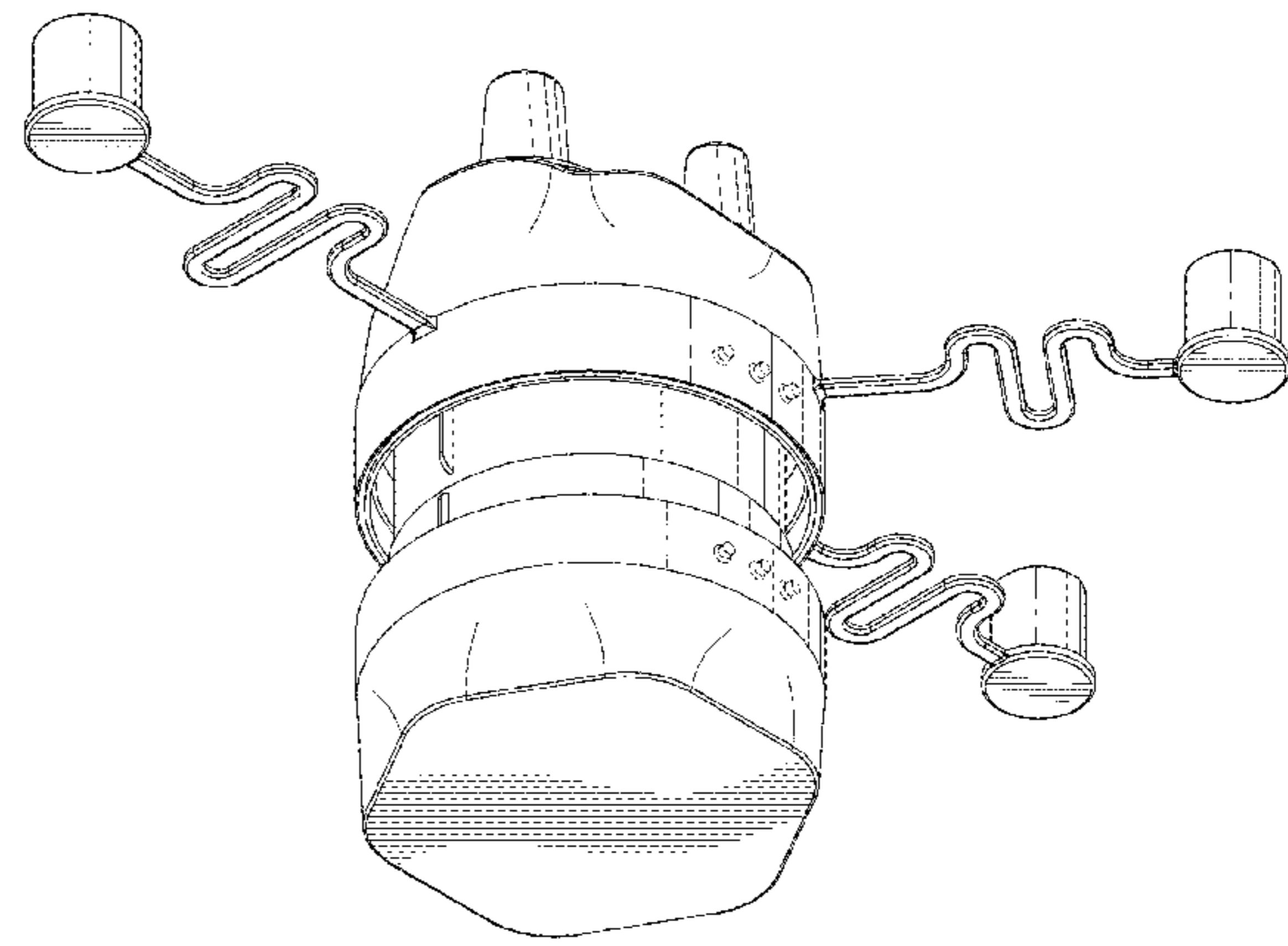
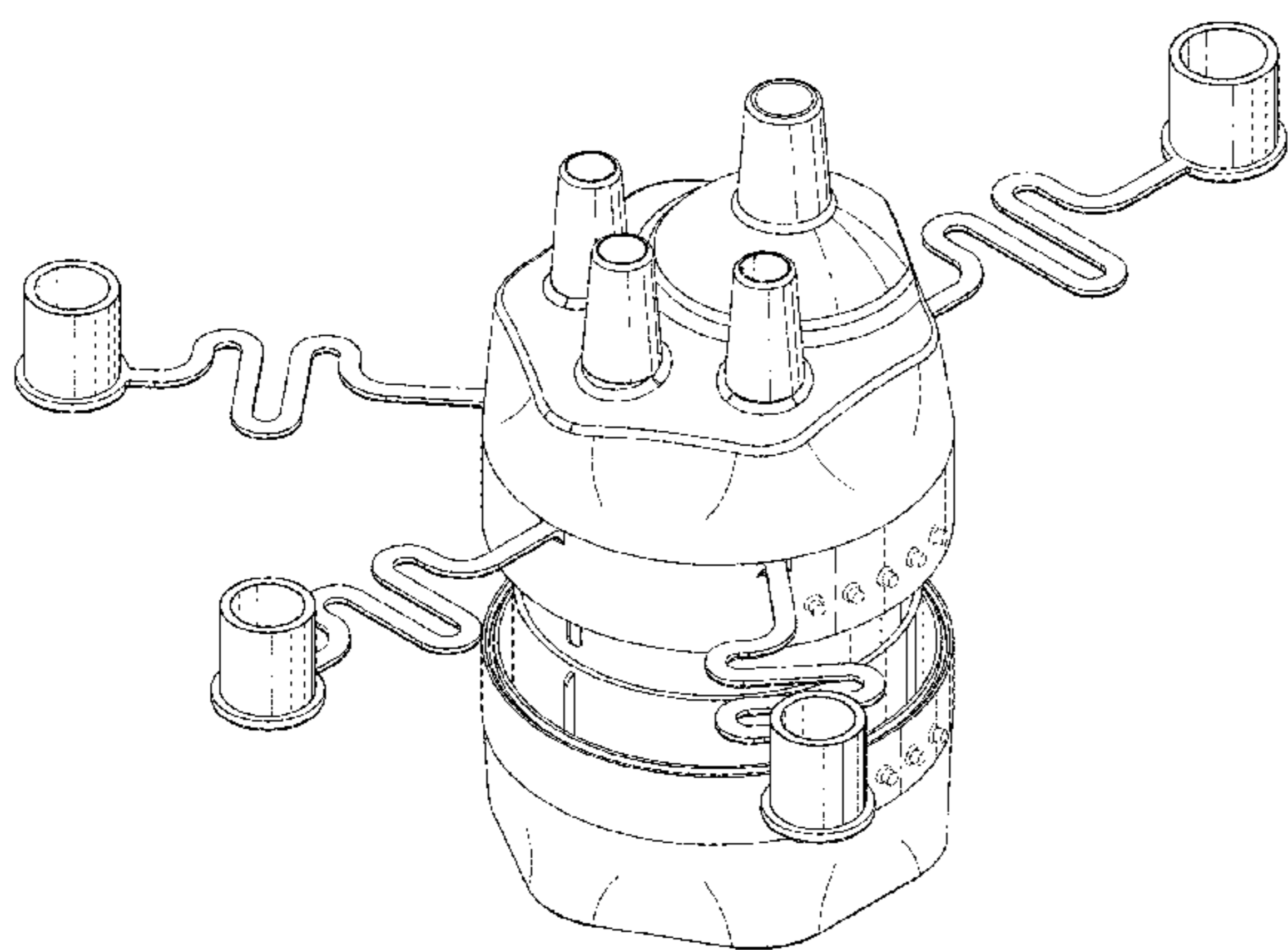
FIG. 22 is right side view thereof;

FIG. 23 is a top view thereof; and,

FIG. 24 is a bottom view thereof.

The broken lines are included for the purpose of illustrating portions of the canister assembly that form no part of the claimed design.

1 Claim, 18 Drawing Sheets



(58) **Field of Classification Search**

USPC D9/446, 521; 422/400-401, 430, 68.1, 422/500, 527-528, 536, 547, 556, 559; 604/317, 319-326, 356; 215/136, 198.2, 215/232, 435; 435/289.1, 287.1, 288.1, 435/302.1, 304.1; 220/495.06; 210/198.2; D7/300.1, 590, 523, 543, 545; 600/582

CPC A61G 7/001; A61G 7/015; A61G 7/05; A61G 7/05707; A61G 7/05715; A61G 7/05738; A61G 7/05769; A61G 7/05776; A61G 7/0755; A61B 10/007; A61L 11/00; A61M 1/00; A61M 1/0001; A61M 1/0003; A61M 1/0005; A61M 1/0007; A61M 1/0011; A61M 1/0015; A61M 1/0017; A61M 1/0023; A61M 1/0025; A61M 1/0031; A61M 1/0035; A61M 1/0043; A61M 1/0049; A61M 1/005; A61M 1/0052; A61M 1/0056; A61M 1/0058; A61M 1/0062; A61M 1/0066; A61M 1/008; A61M 1/0096; A61M 1/0098; A61M 39/02; A61M 39/06; A61M 39/12; A61M 39/22; A61M 39/223; A61M 39/24; A61M 39/28; A61M 5/1408; B01D 15/22; B01D 29/01; B01D 29/018; B01D 29/03; B01D 29/05; B01D 29/085; B01D 29/114; B01D 29/17; B01D 29/23; B01D 29/27; B01D 29/35; B01D 29/908; B01D 35/153; B01D 35/30; B01F 11/0082; B08B 9/02; B08B 9/08; B08B 9/0813; B08B 9/0826; B08B 9/093; B08B 9/0936; B09B 3/0075; B09B 3/0091; B09B 3/26; B63B 13/00; B63B 13/02

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D351,904 S * 10/1994 Maze D24/224
 D355,260 S * 2/1995 Tomasso D24/224

D370,263 S * 5/1996 Falkenberg D24/108
 D400,263 S * 10/1998 Shugart D24/224
 6,387,256 B1 * 5/2002 Tuvim B01D 15/22
 210/198.2
 D461,684 S * 8/2002 Wilson D7/523
 D483,613 S * 12/2003 Gluck D7/509
 D485,365 S * 1/2004 Py D24/121
 D500,856 S * 1/2005 Hellstrom D10/81
 D505,494 S * 5/2005 Py D24/121
 D522,145 S * 5/2006 Best D10/81
 D543,787 S * 6/2007 Wasserman D7/565
 D552,423 S * 10/2007 Friedland D7/543
 D561,907 S * 2/2008 Py D24/224
 D561,908 S * 2/2008 Py D24/224
 D569,008 S * 5/2008 Lundqvist D24/232
 D578,829 S * 10/2008 Freeman D7/584
 D578,879 S * 10/2008 Friedland D7/545
 D601,912 S * 10/2009 Gebauer D10/81
 7,615,037 B2 * 11/2009 Murray A61M 1/0001
 604/319
 D607,118 S * 12/2009 Py D24/224
 7,806,879 B2 * 10/2010 Brooks A61M 1/0001
 604/317
 D630,765 S * 1/2011 Winkenbach D24/224
 D641,866 S * 7/2011 Burgess D24/121
 D642,260 S * 7/2011 Hendricks D24/121
 8,100,874 B1 * 1/2012 Jordan A61M 1/0001
 604/19
 D656,622 S * 3/2012 Gasser D24/224
 D665,283 S * 8/2012 Nishimoto D10/81
 D673,814 S * 1/2013 Honein D7/590
 D678,502 S * 3/2013 Schmidt D24/108
 D678,544 S * 3/2013 Mueller D24/216
 D679,148 S * 4/2013 Schwartz D7/629
 D687,304 S * 8/2013 Tanner D24/121
 D690,826 S * 10/2013 Kuroda D24/224
 D702,474 S * 4/2014 Scherer D7/300.1
 D720,468 S * 12/2014 Calderwood D24/224
 D731,672 S * 6/2015 Kuroda D24/224
 D735,880 S * 8/2015 Bargh D24/224
 D748,776 S * 2/2016 Brannon D24/121
 D748,813 S * 2/2016 Ishiguro D24/224
 9,322,748 B1 * 4/2016 Kimsey, II A61M 1/0007
 2003/0008389 A1 * 1/2003 Carll B01F 11/0082
 435/302.1
 2008/0015526 A1 * 1/2008 Reiner A61M 1/0001
 604/320

* cited by examiner

FIG. 1

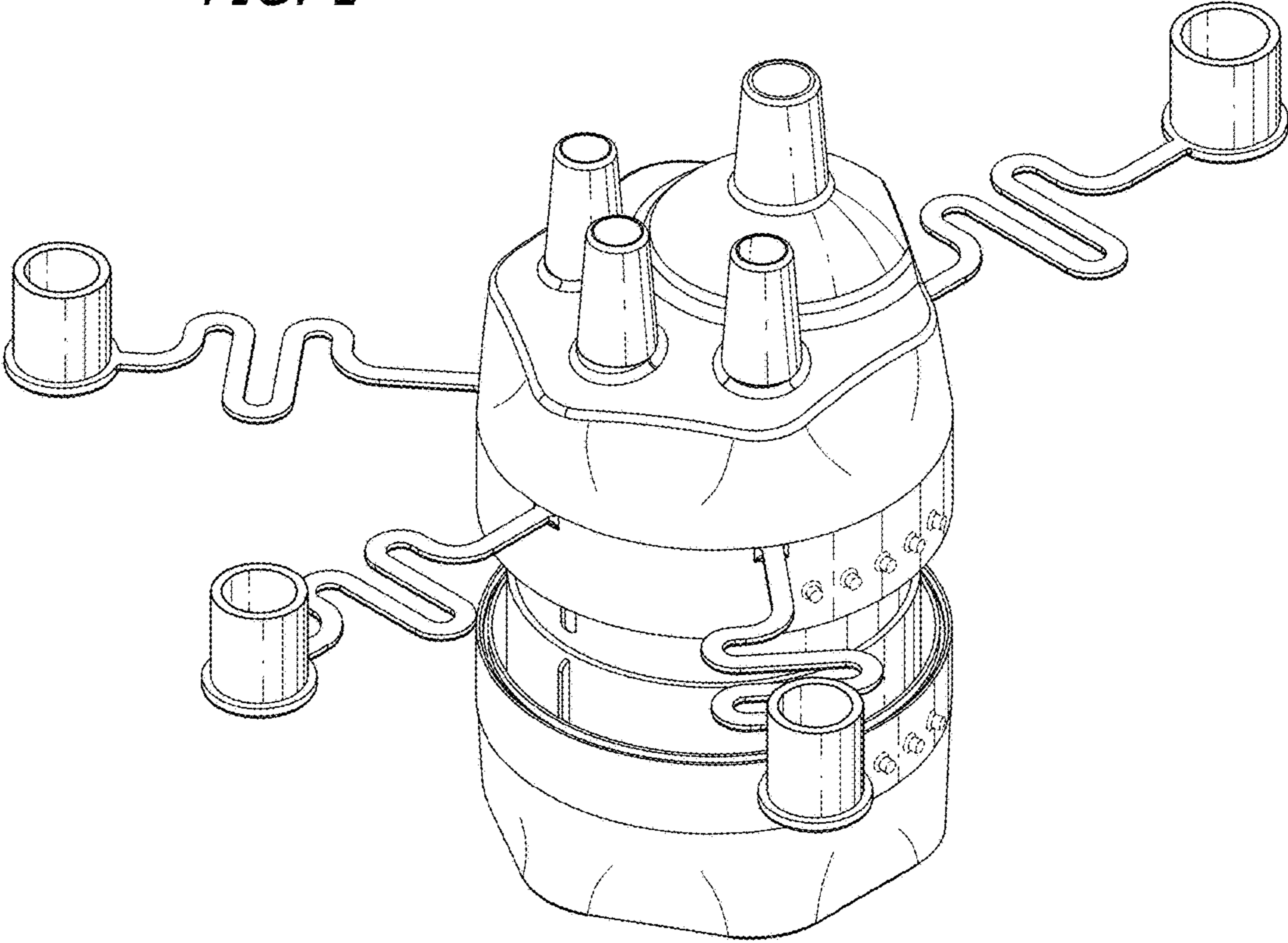
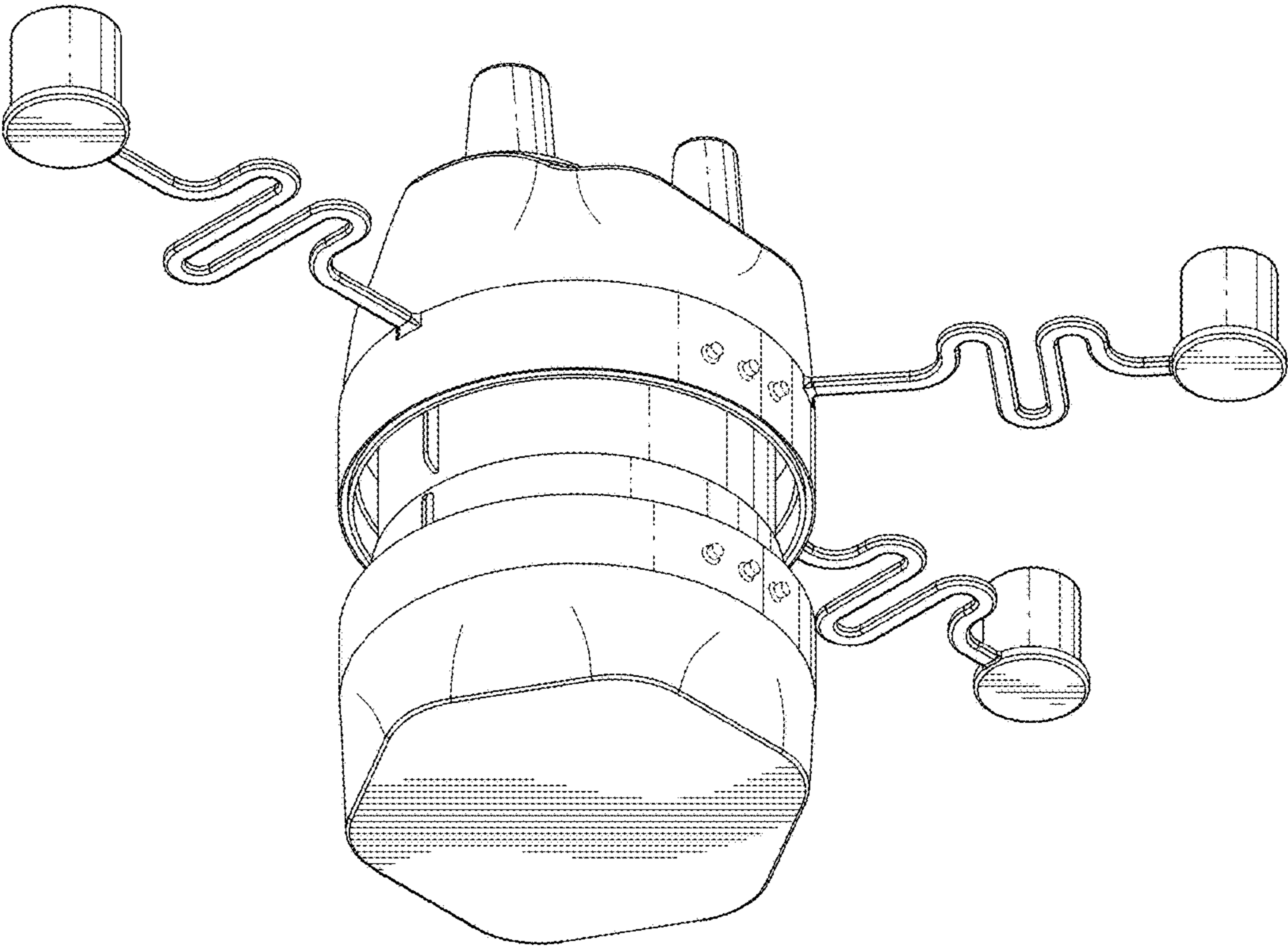


FIG. 2



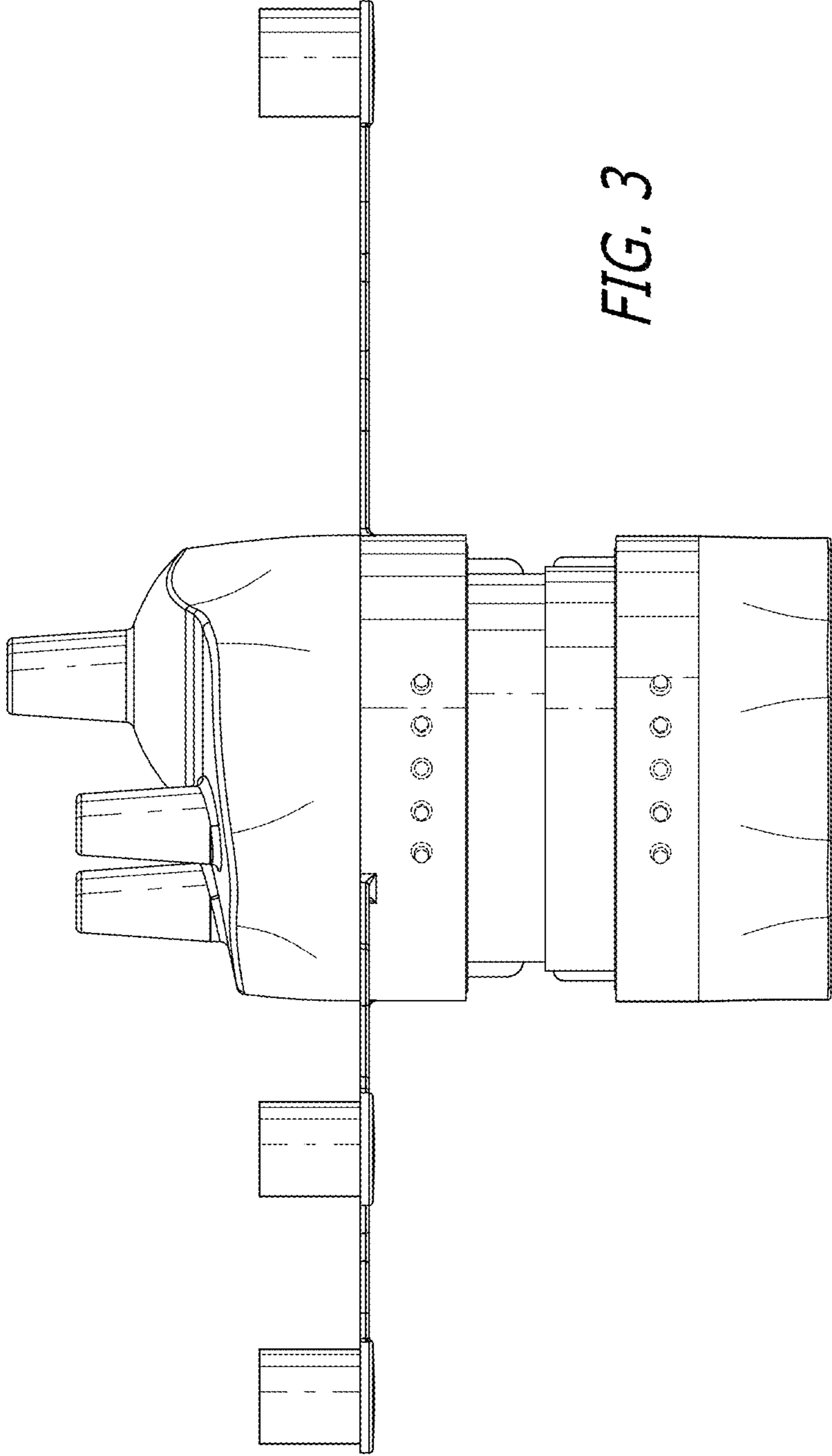


FIG. 3

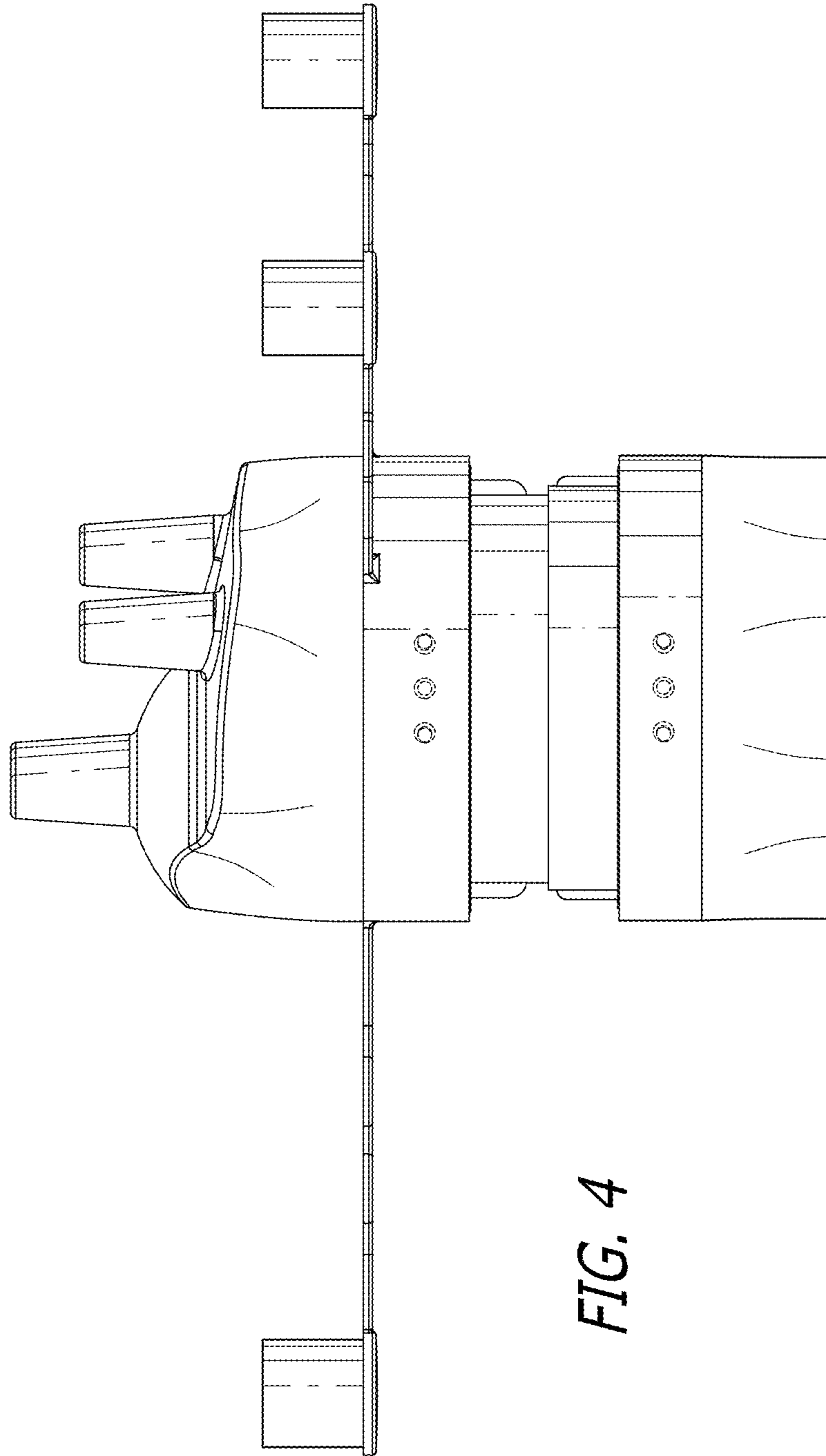


FIG. 4

FIG. 5

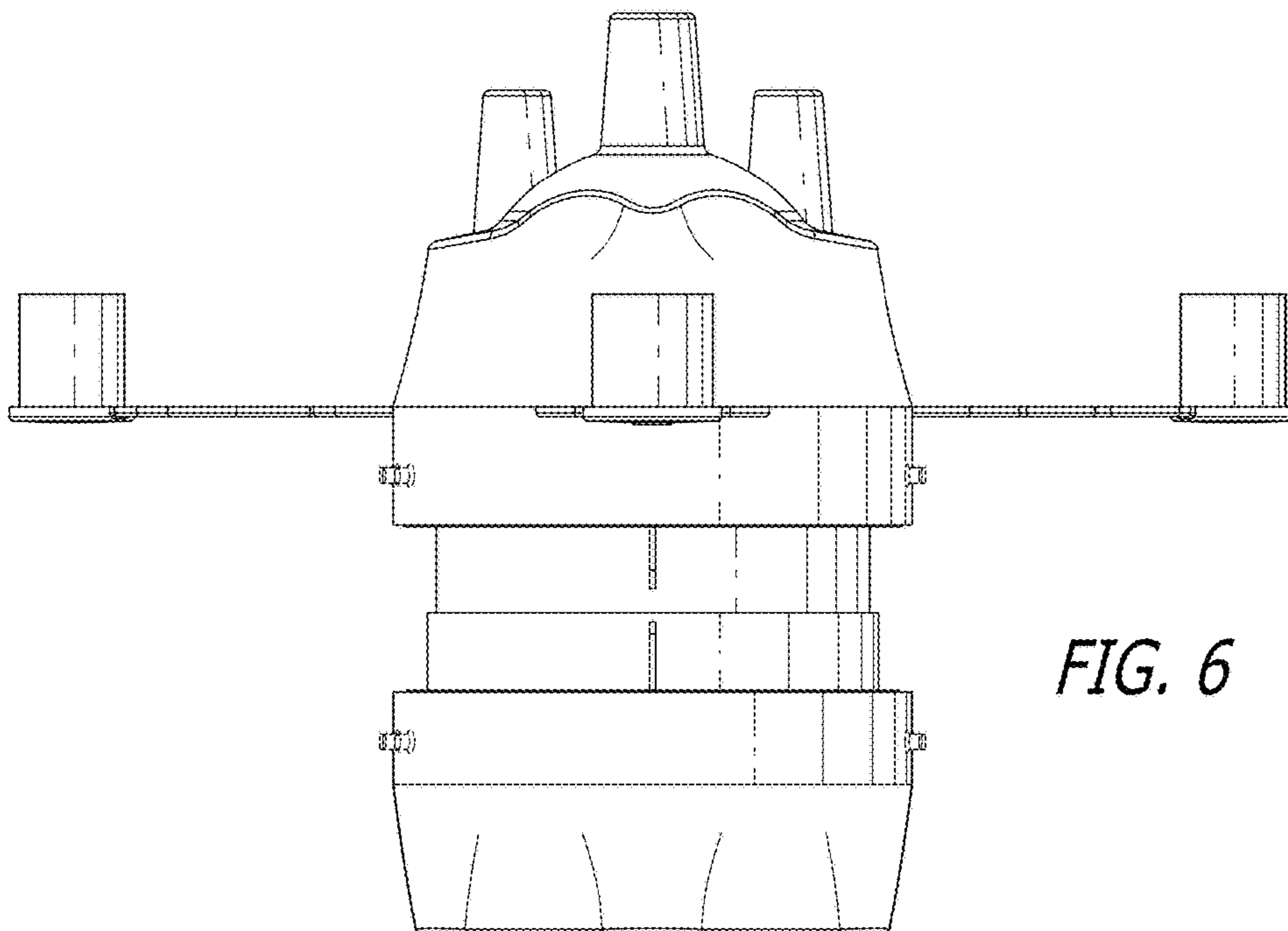
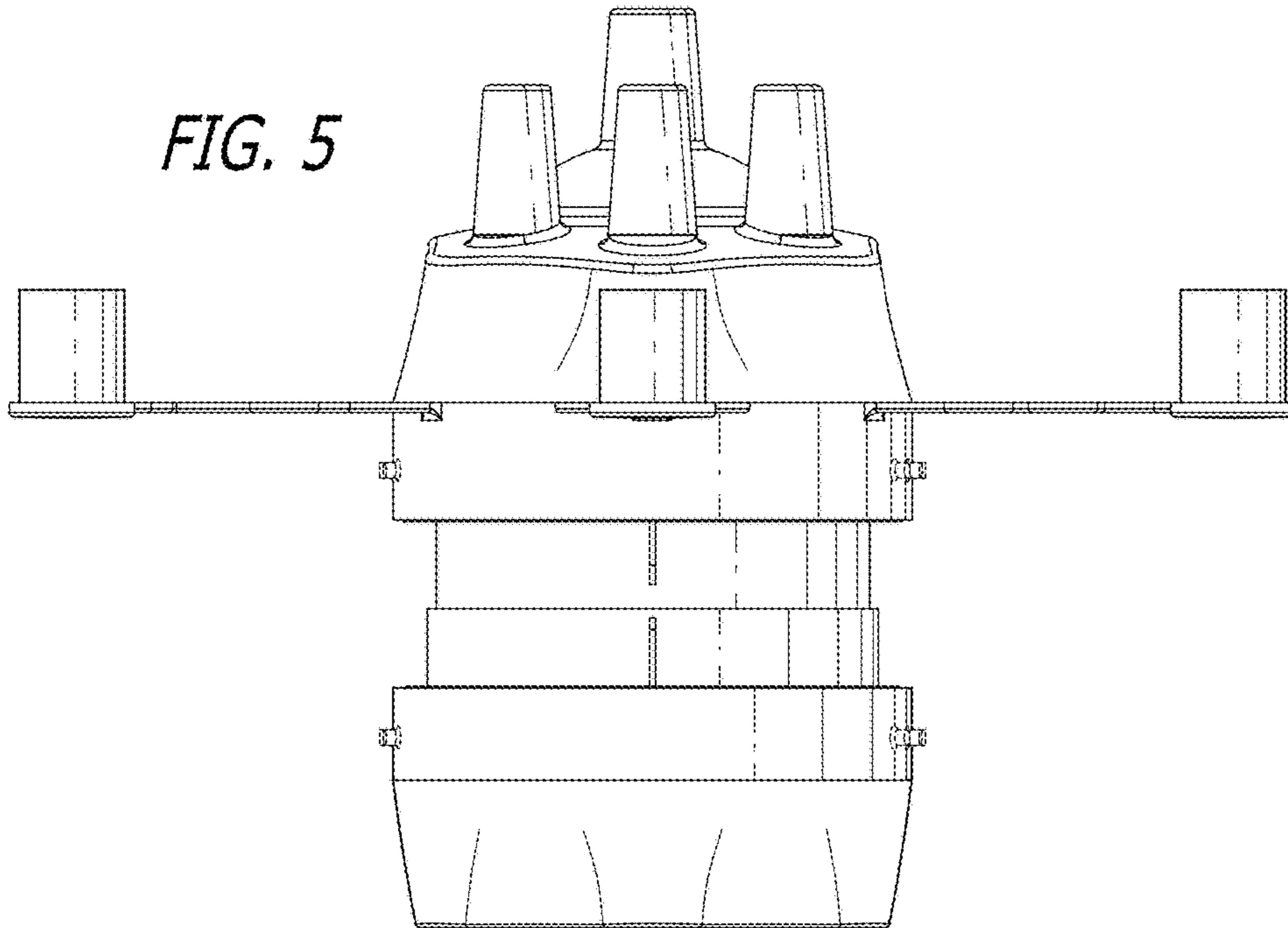


FIG. 6

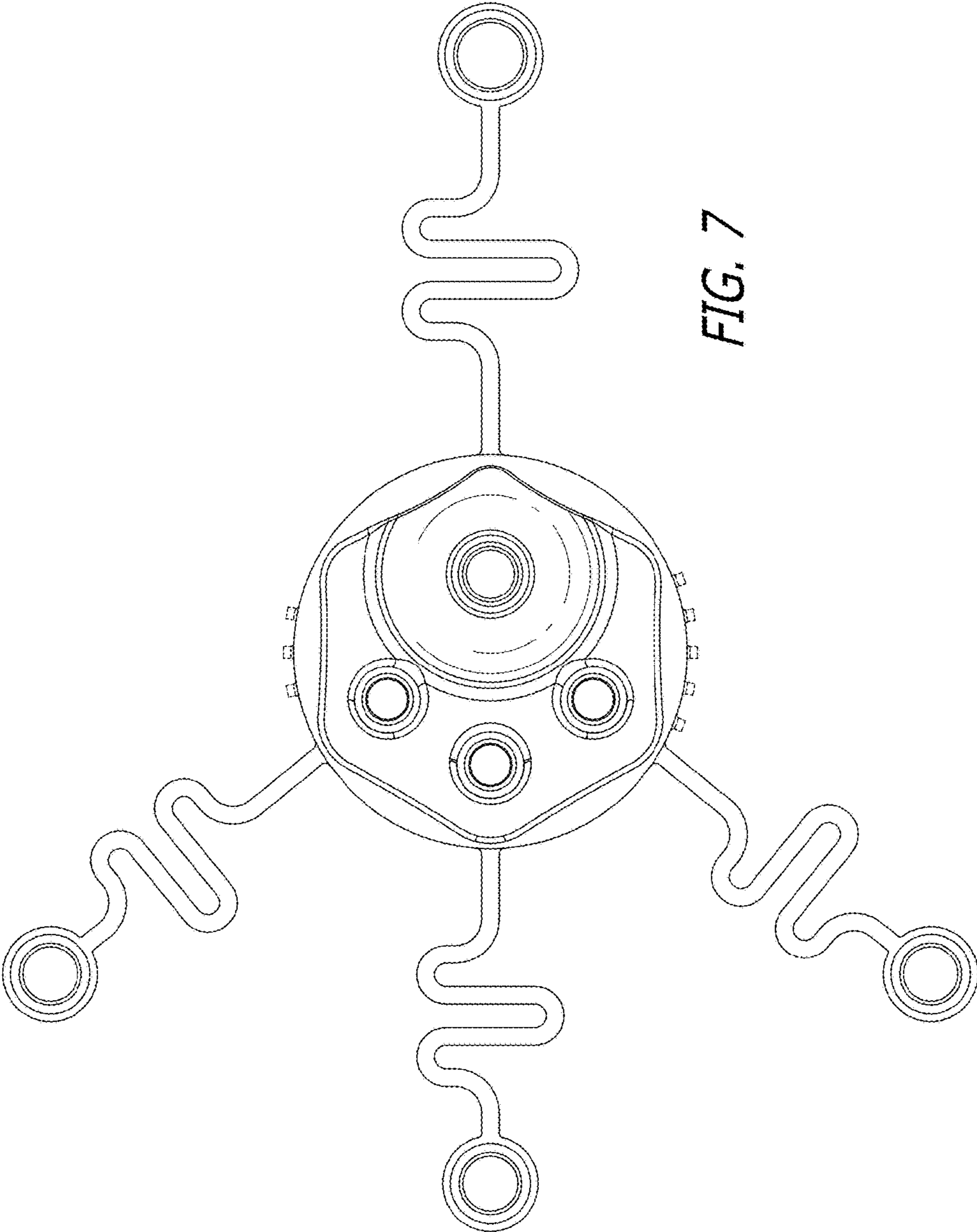


FIG. 7

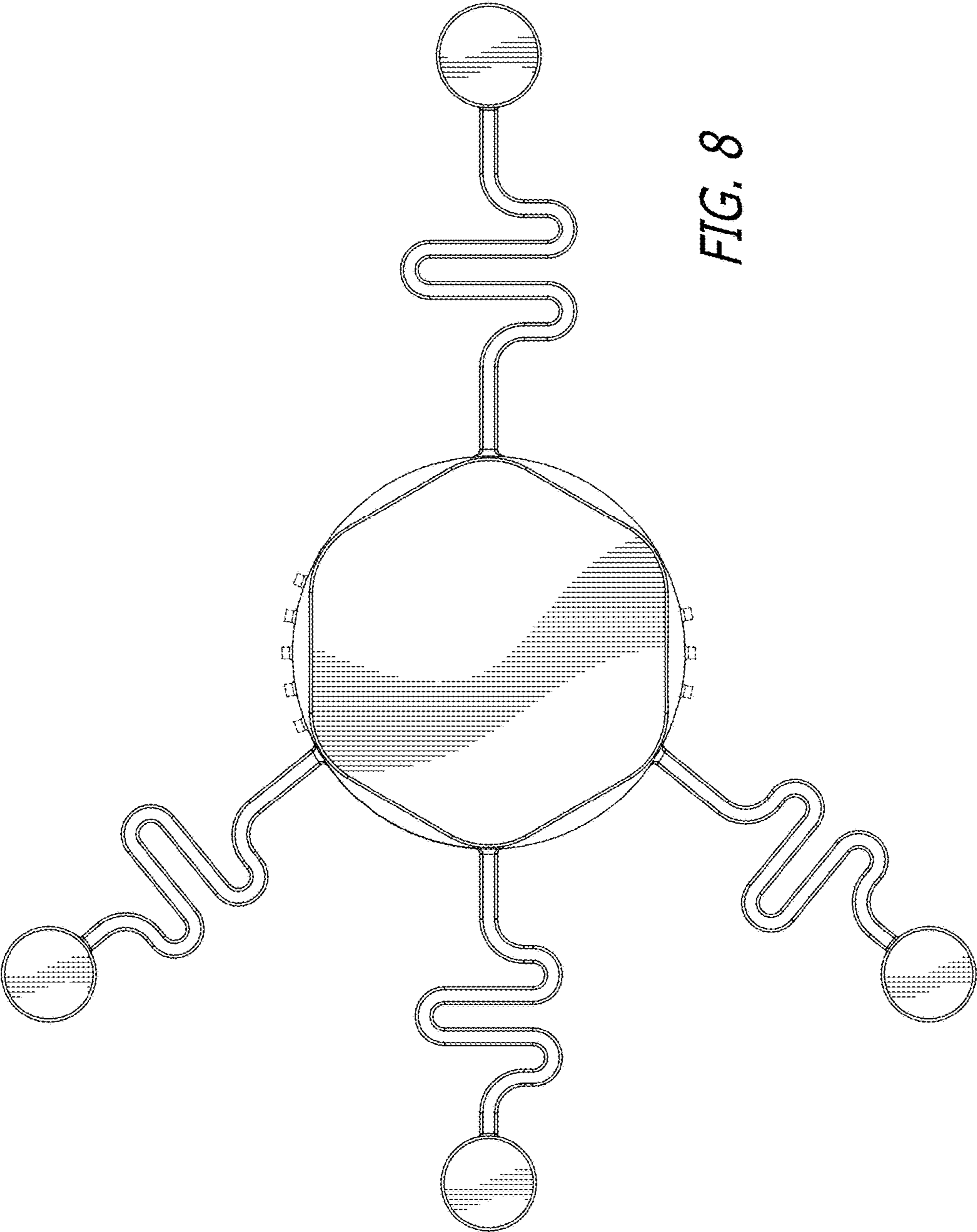
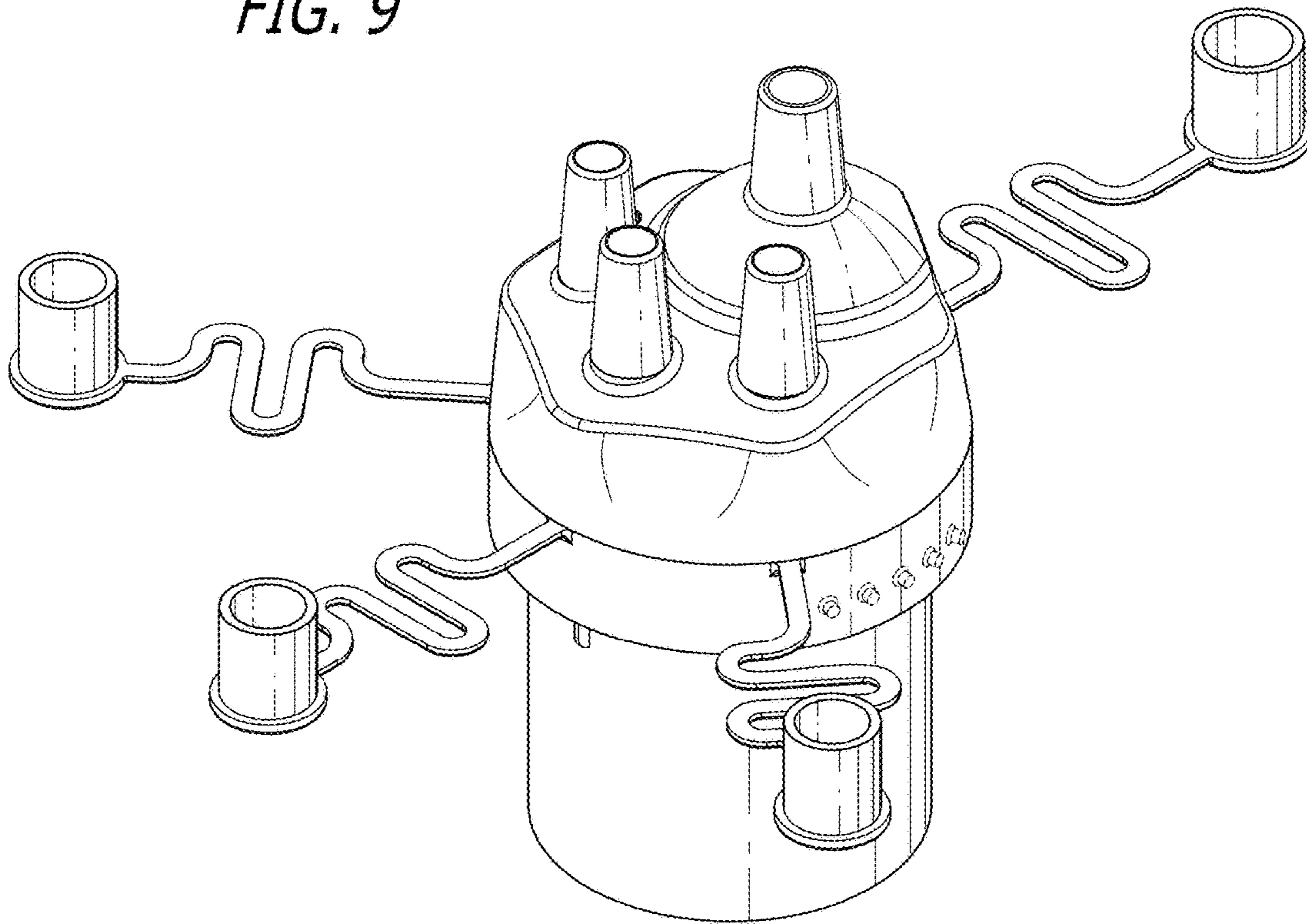


FIG. 8

FIG. 9



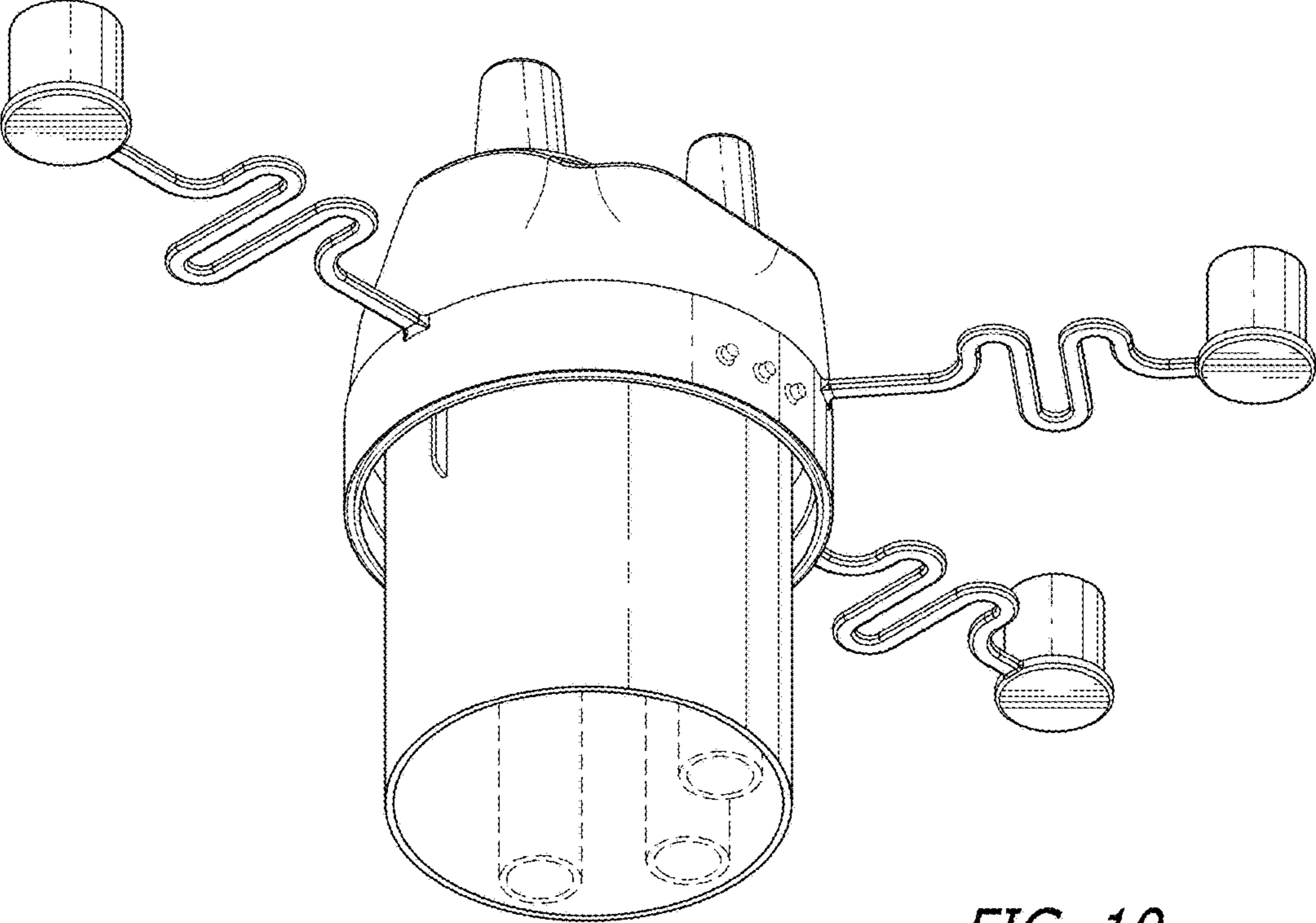


FIG. 10

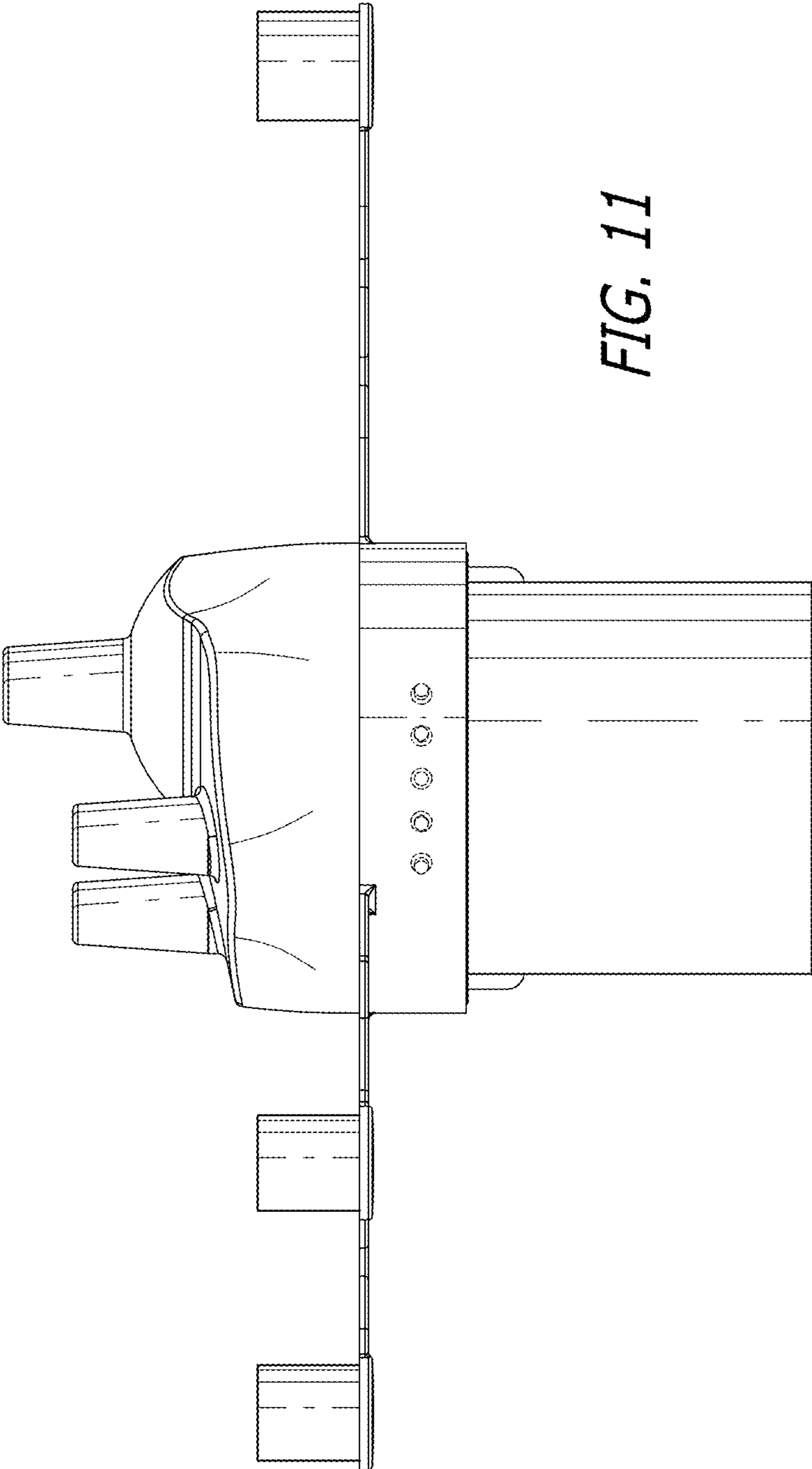


FIG. 11

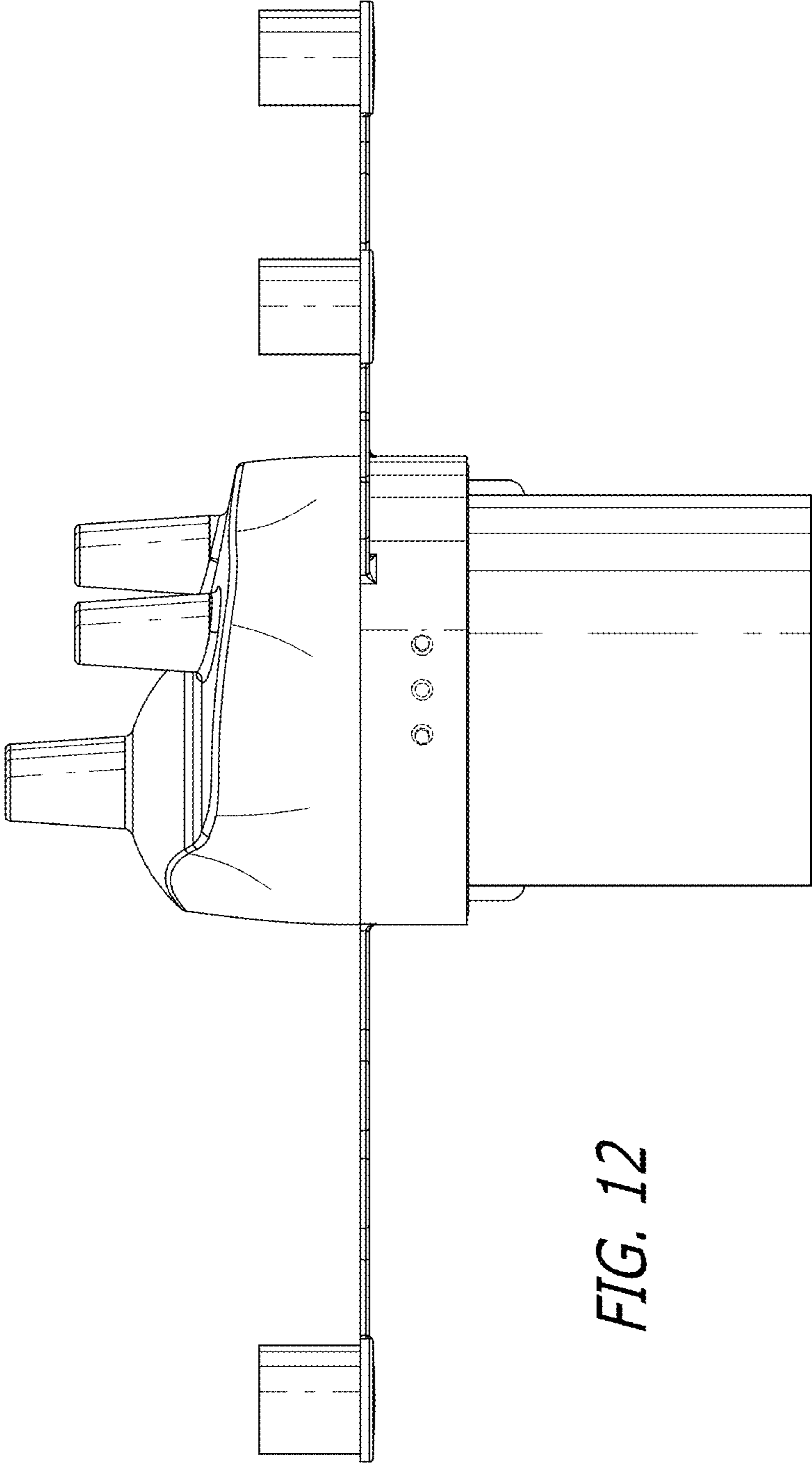


FIG. 12

FIG. 13

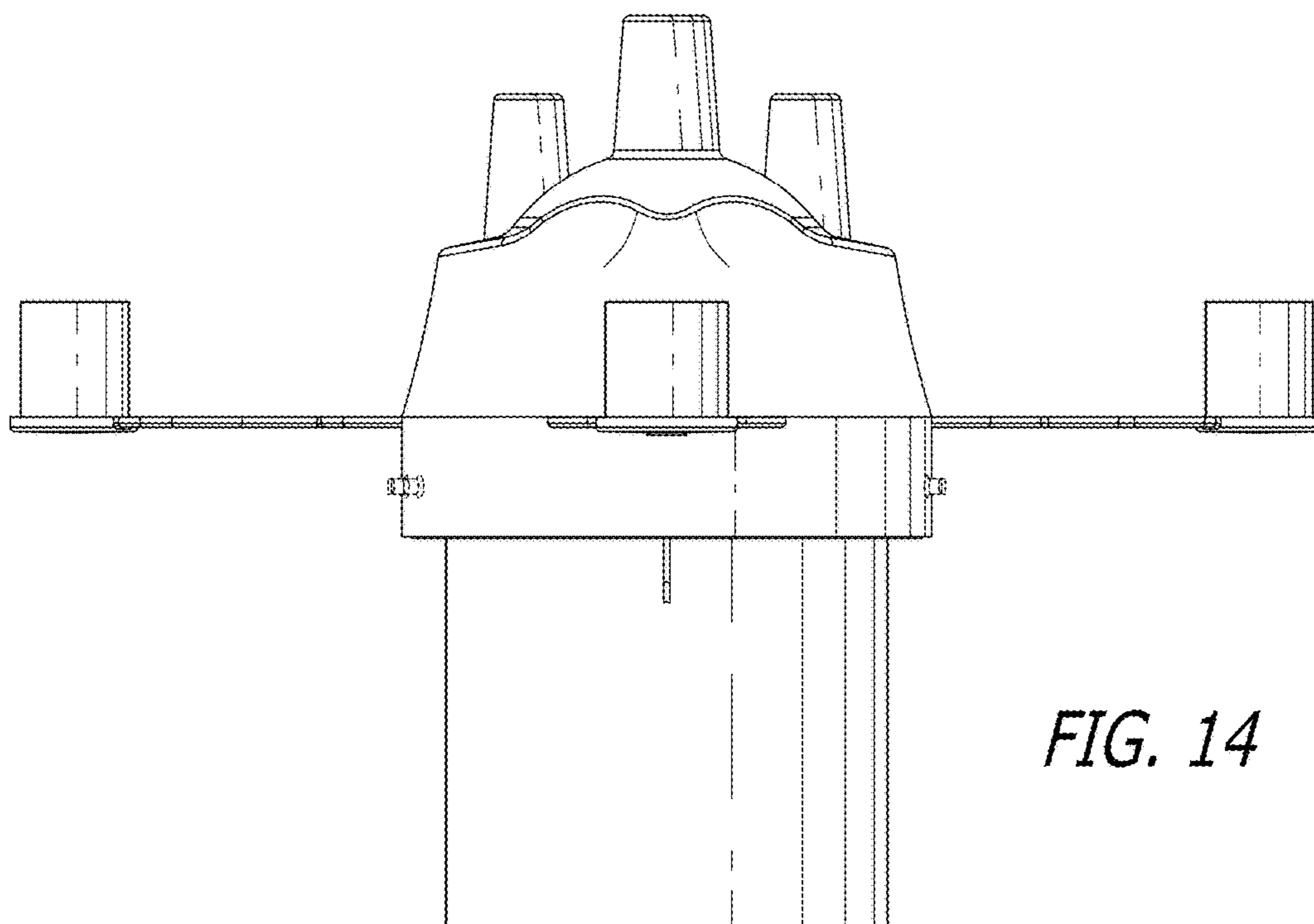
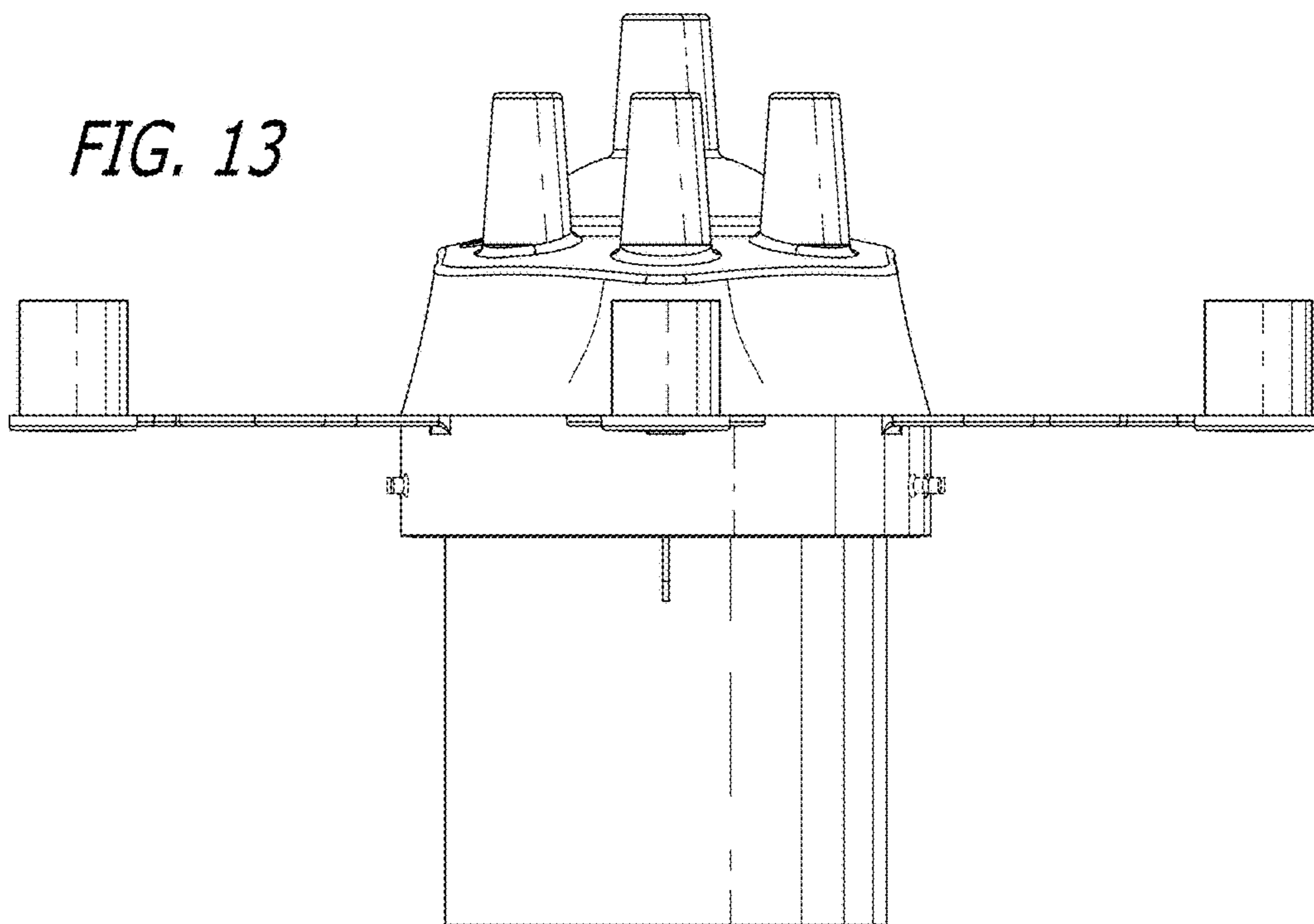


FIG. 14

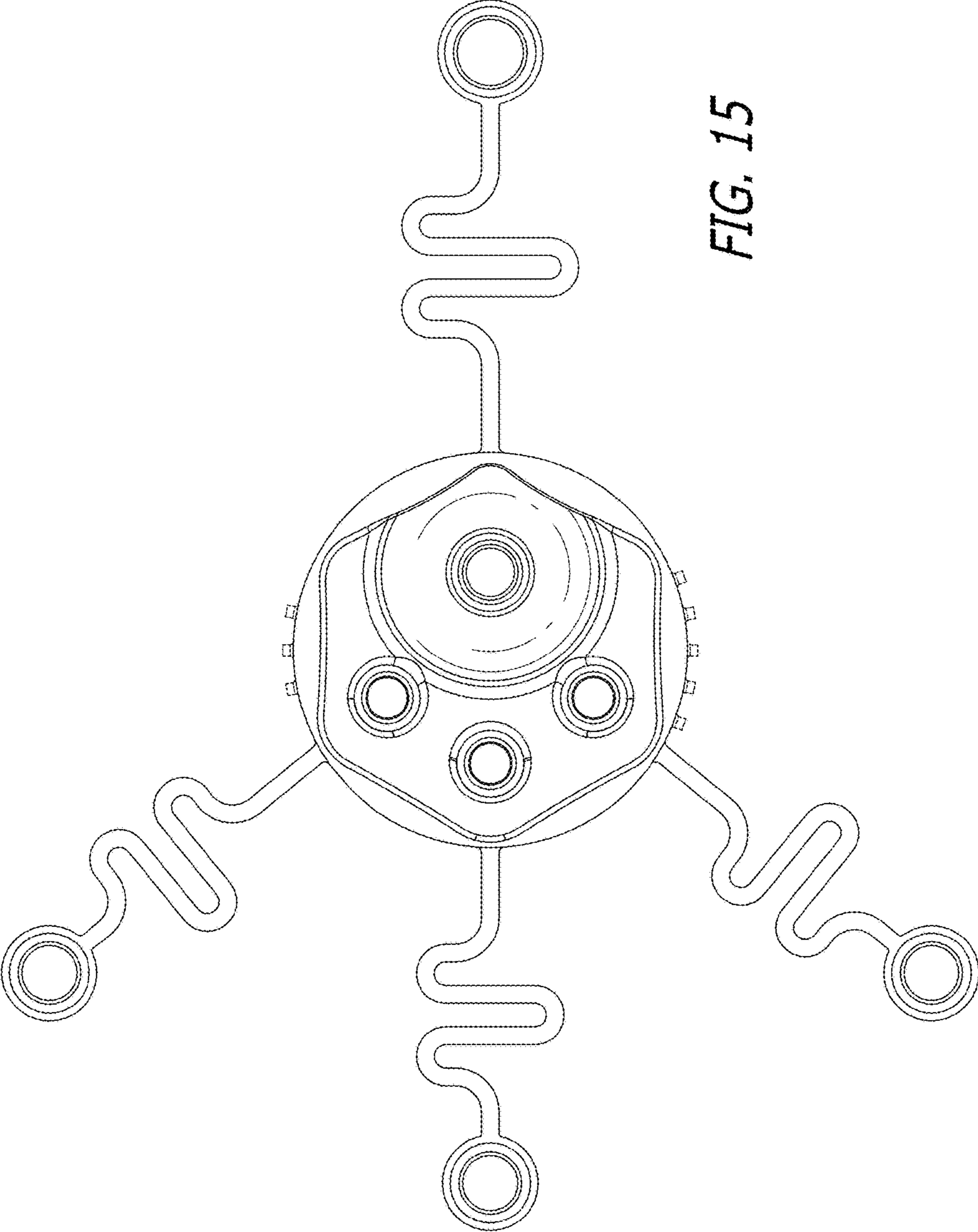


FIG. 15

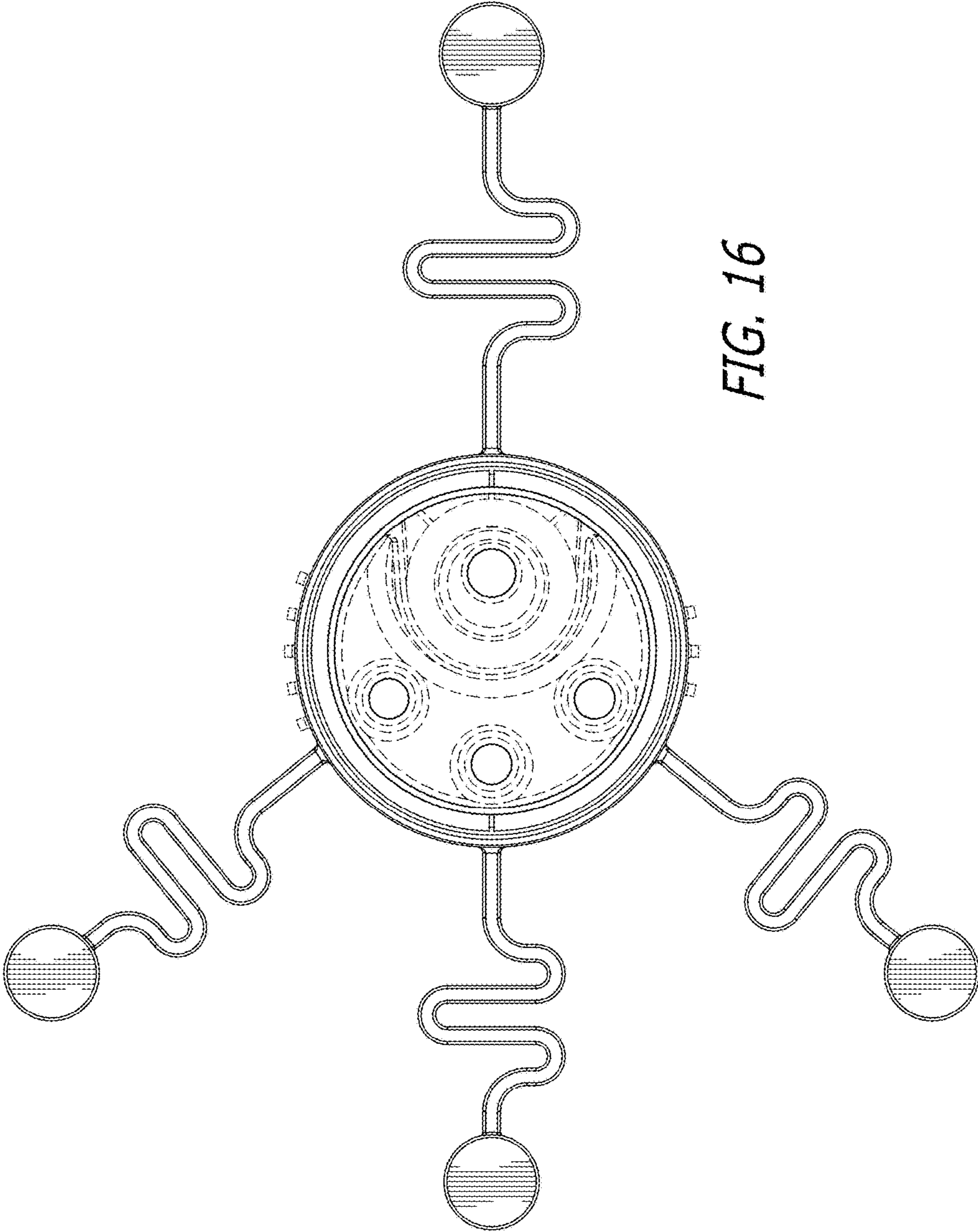


FIG. 16

FIG. 17

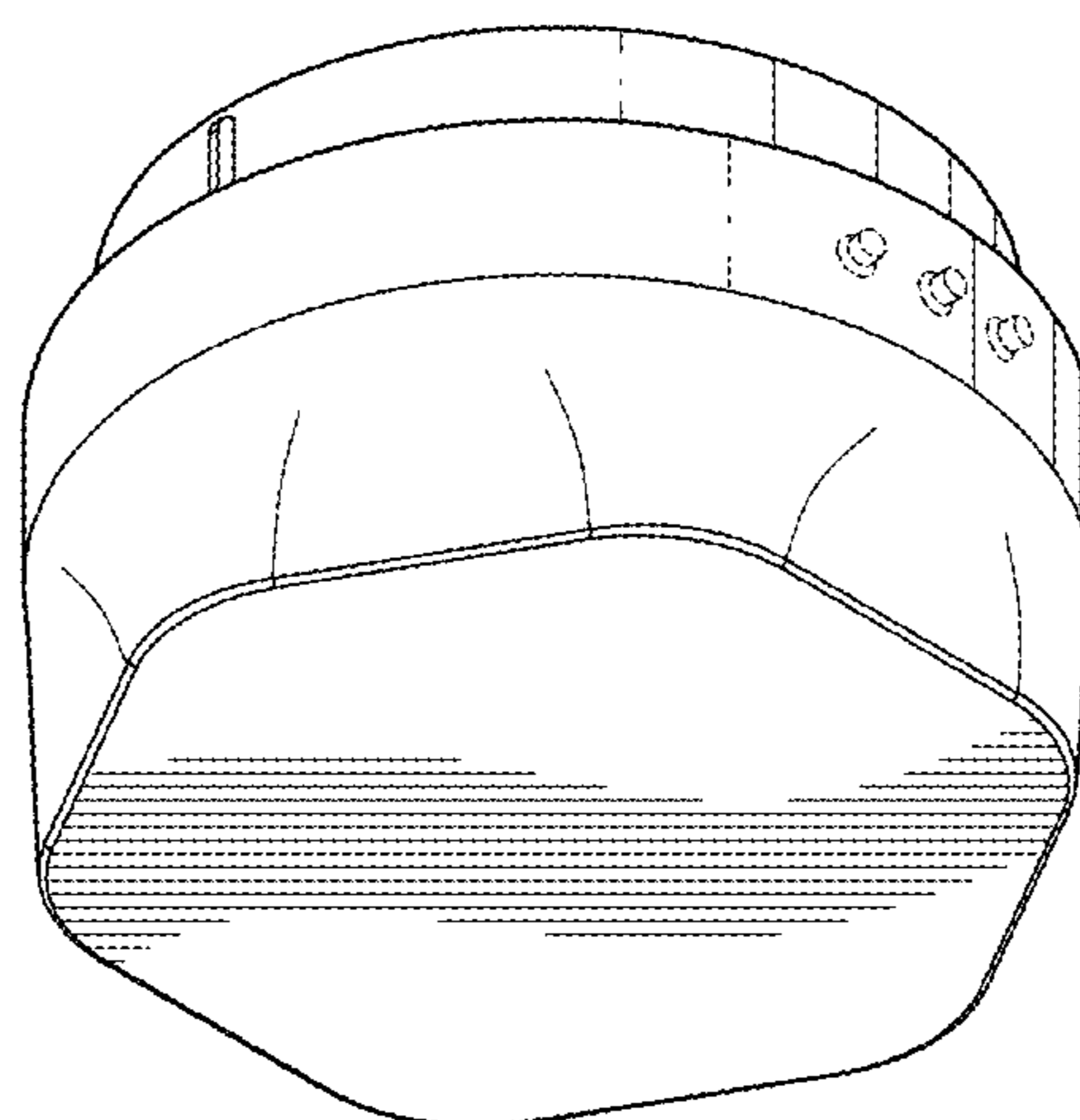
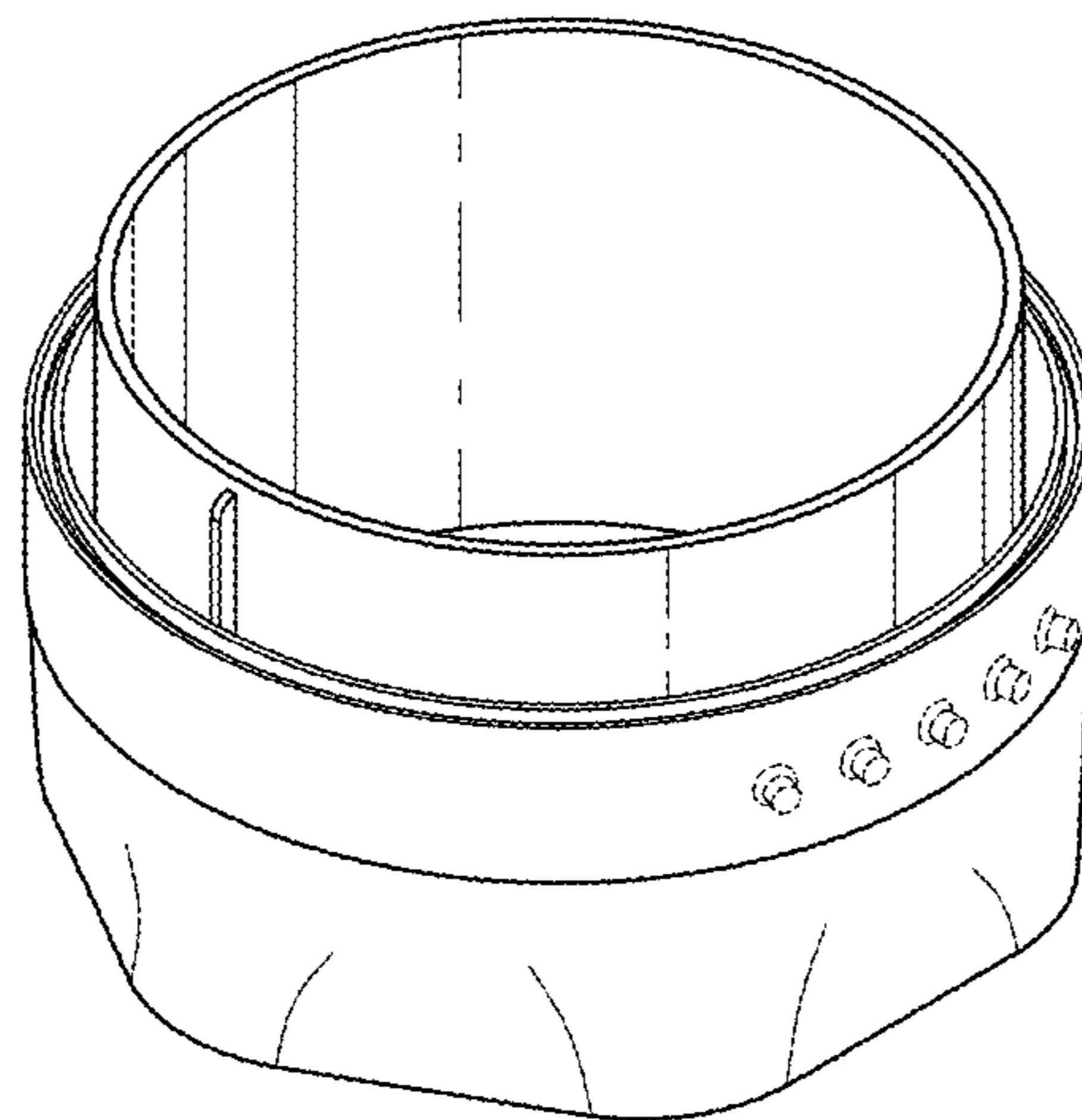


FIG. 18

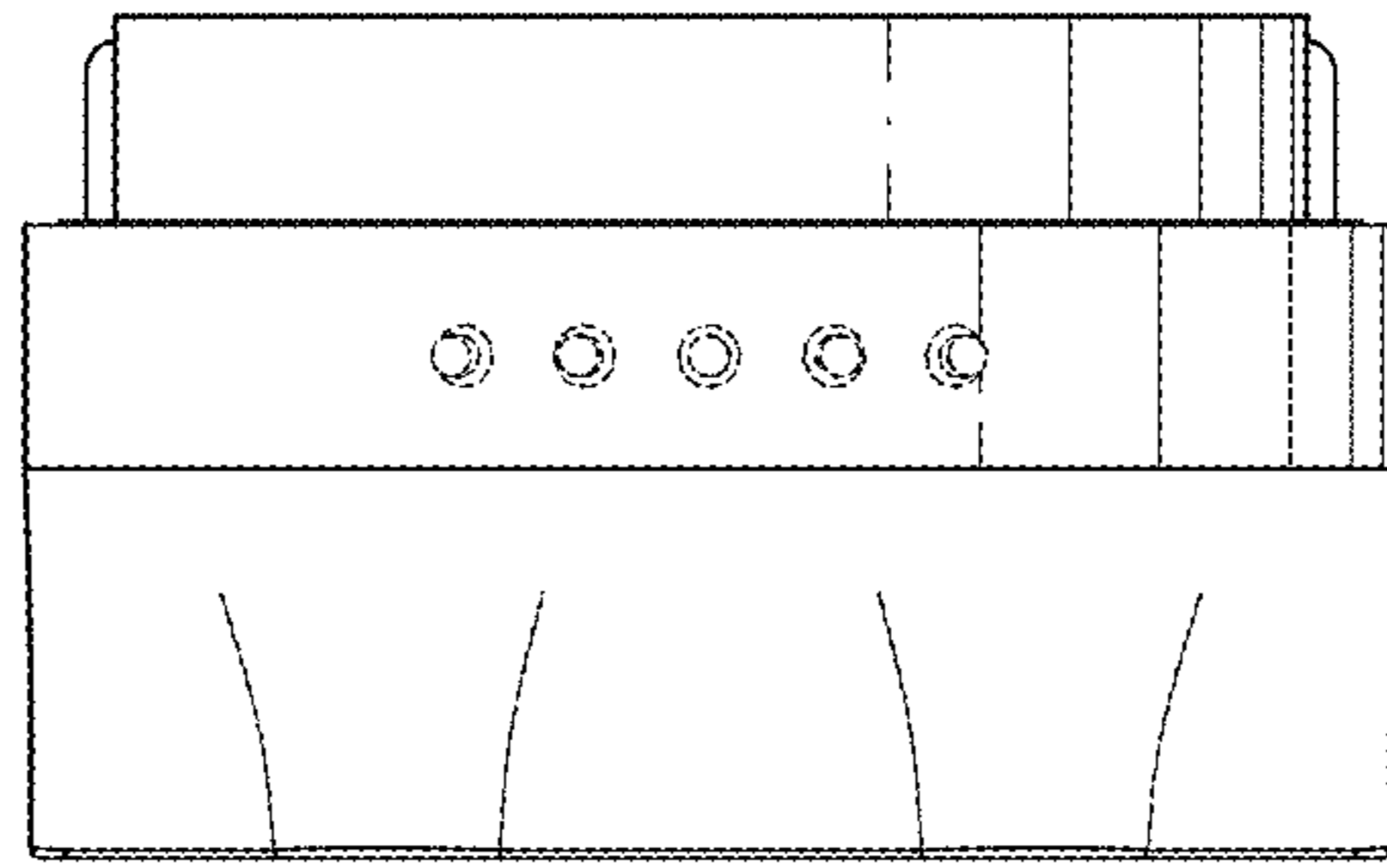


FIG. 19

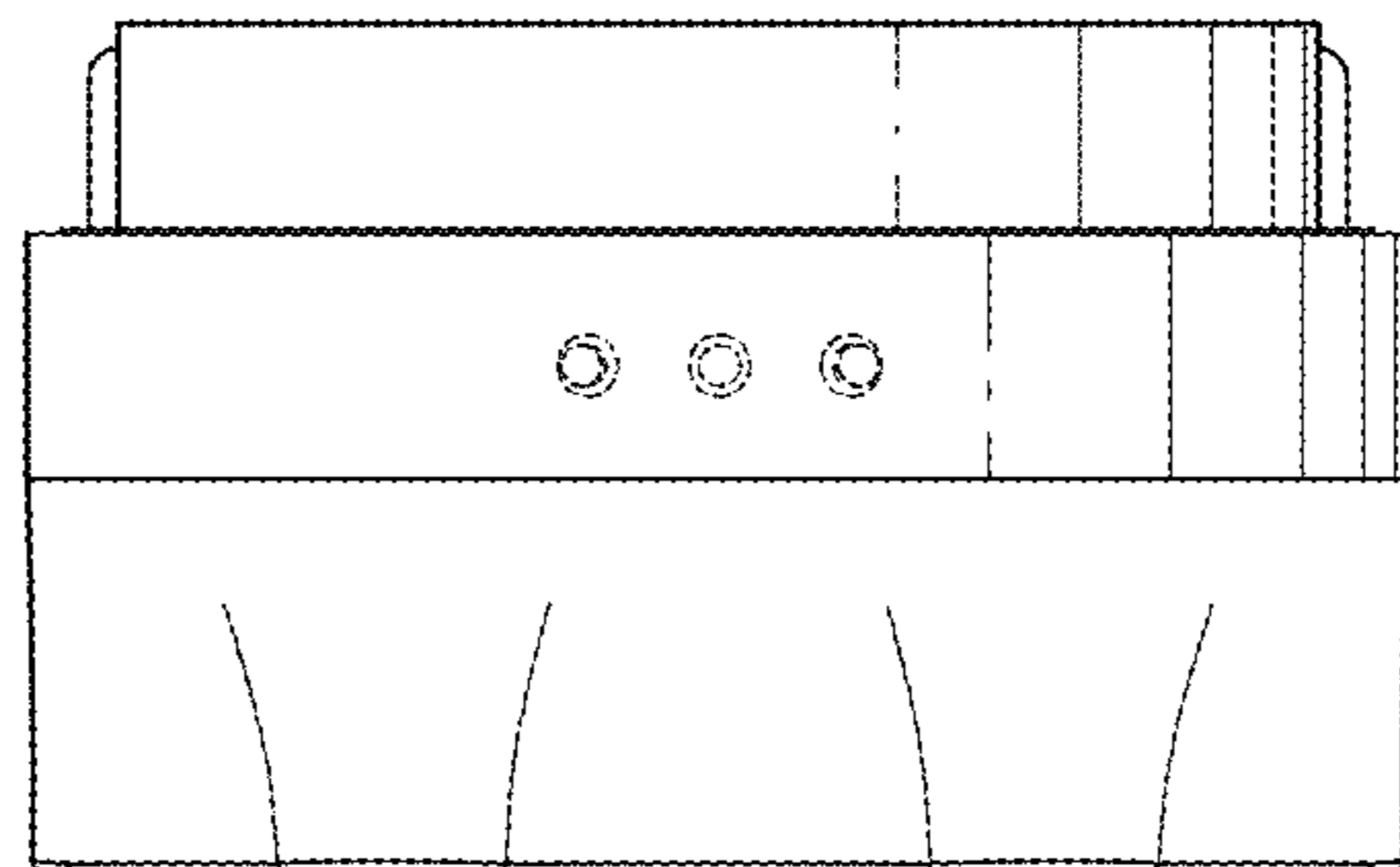


FIG. 20

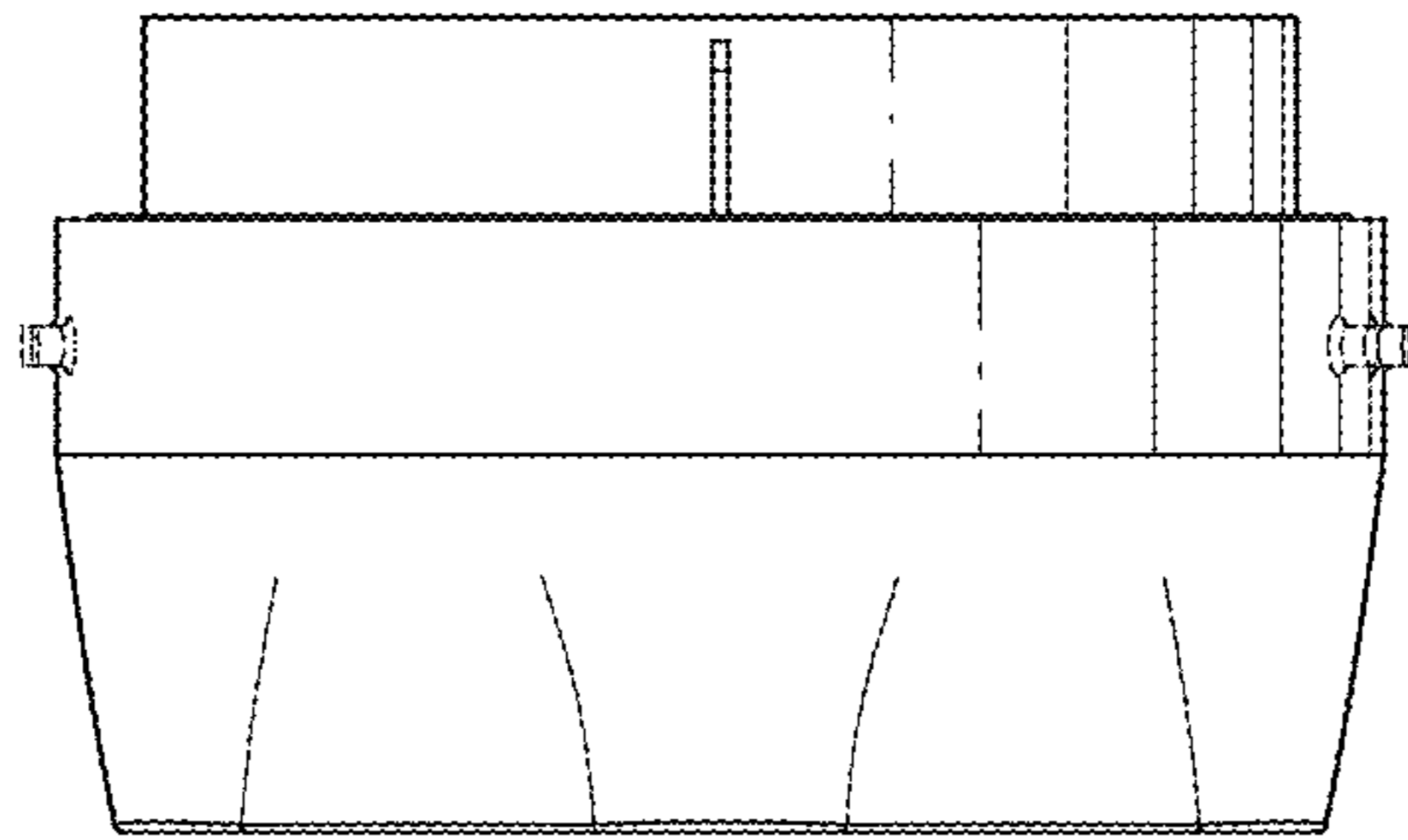


FIG. 21

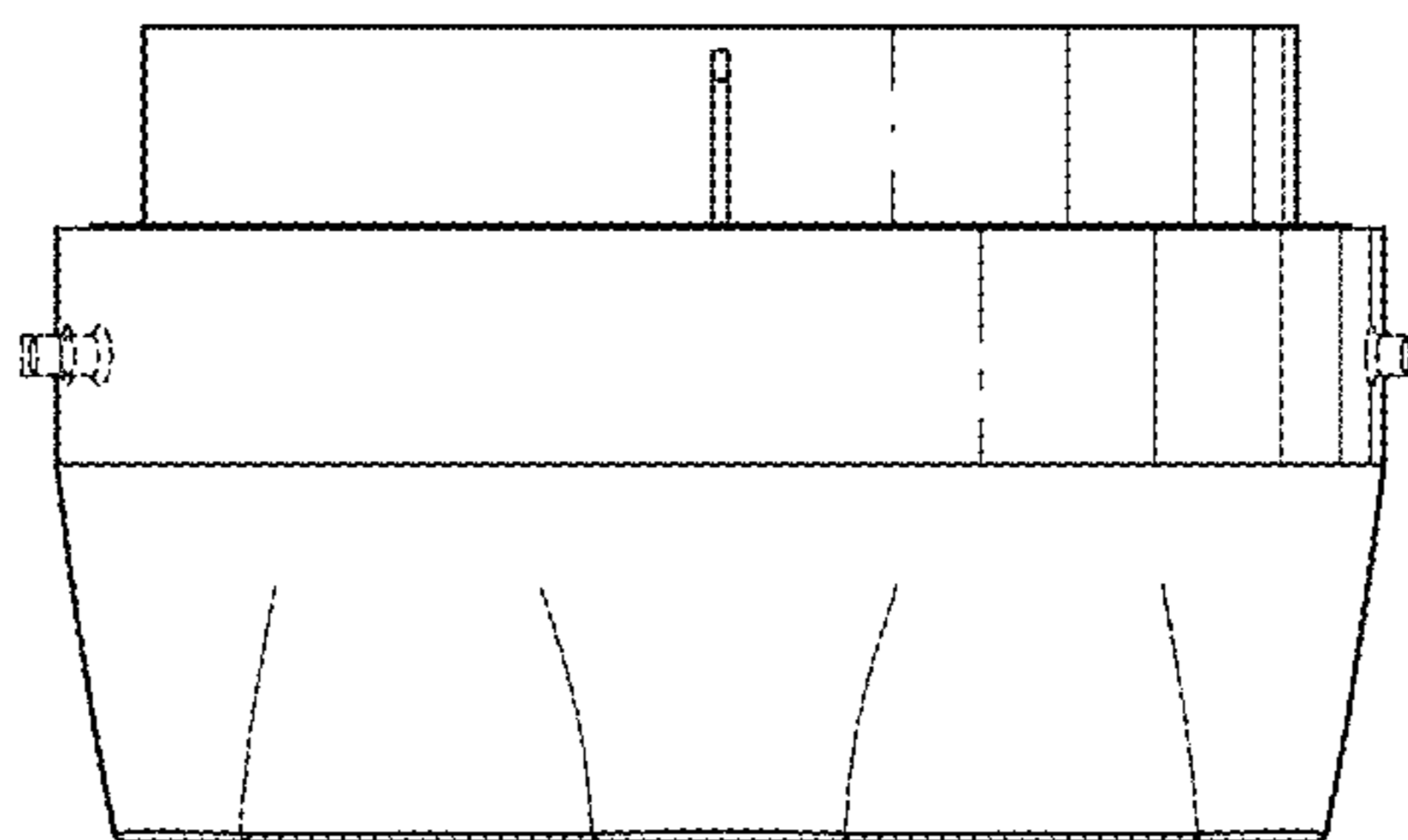


FIG. 22

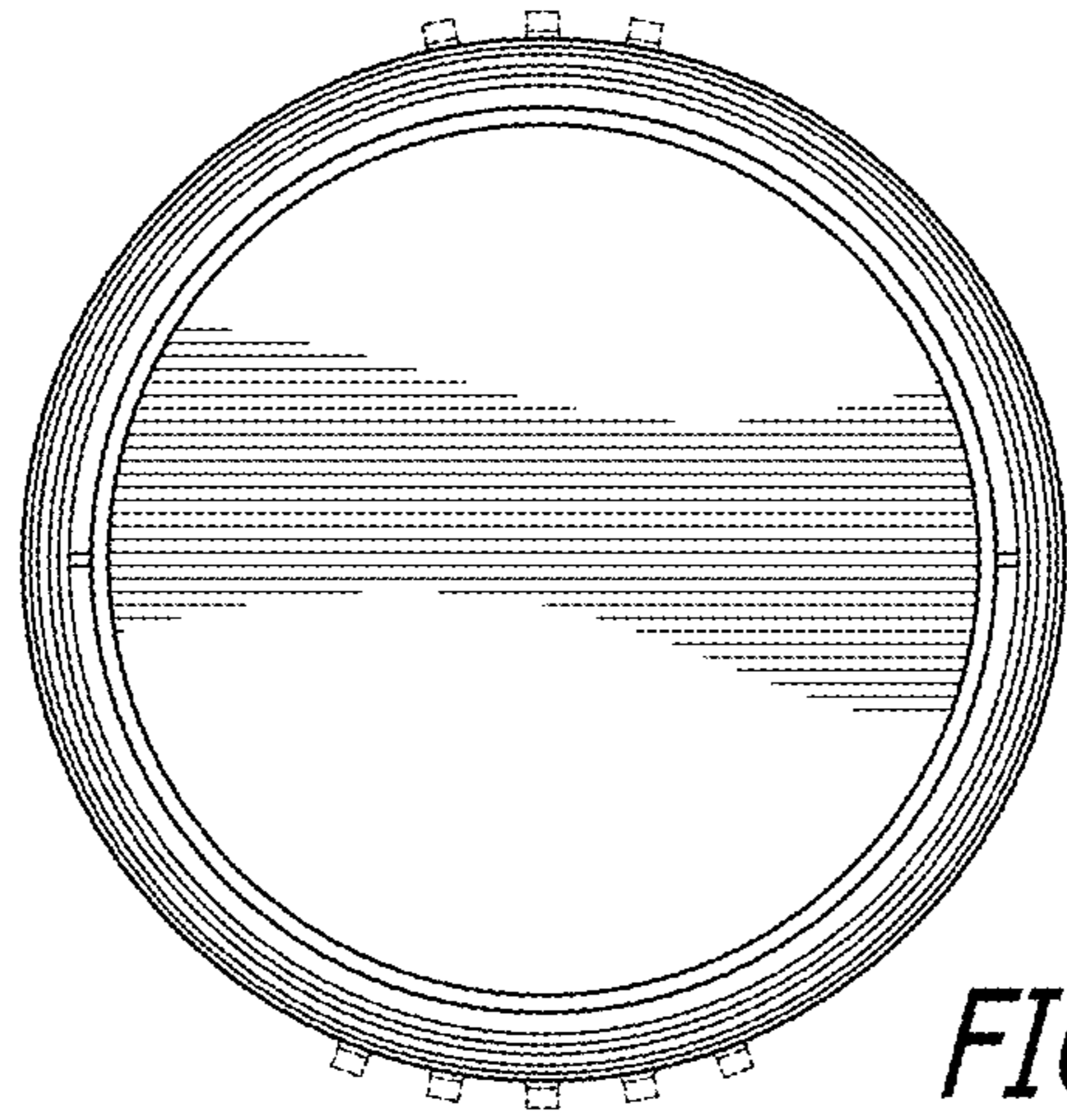


FIG. 23

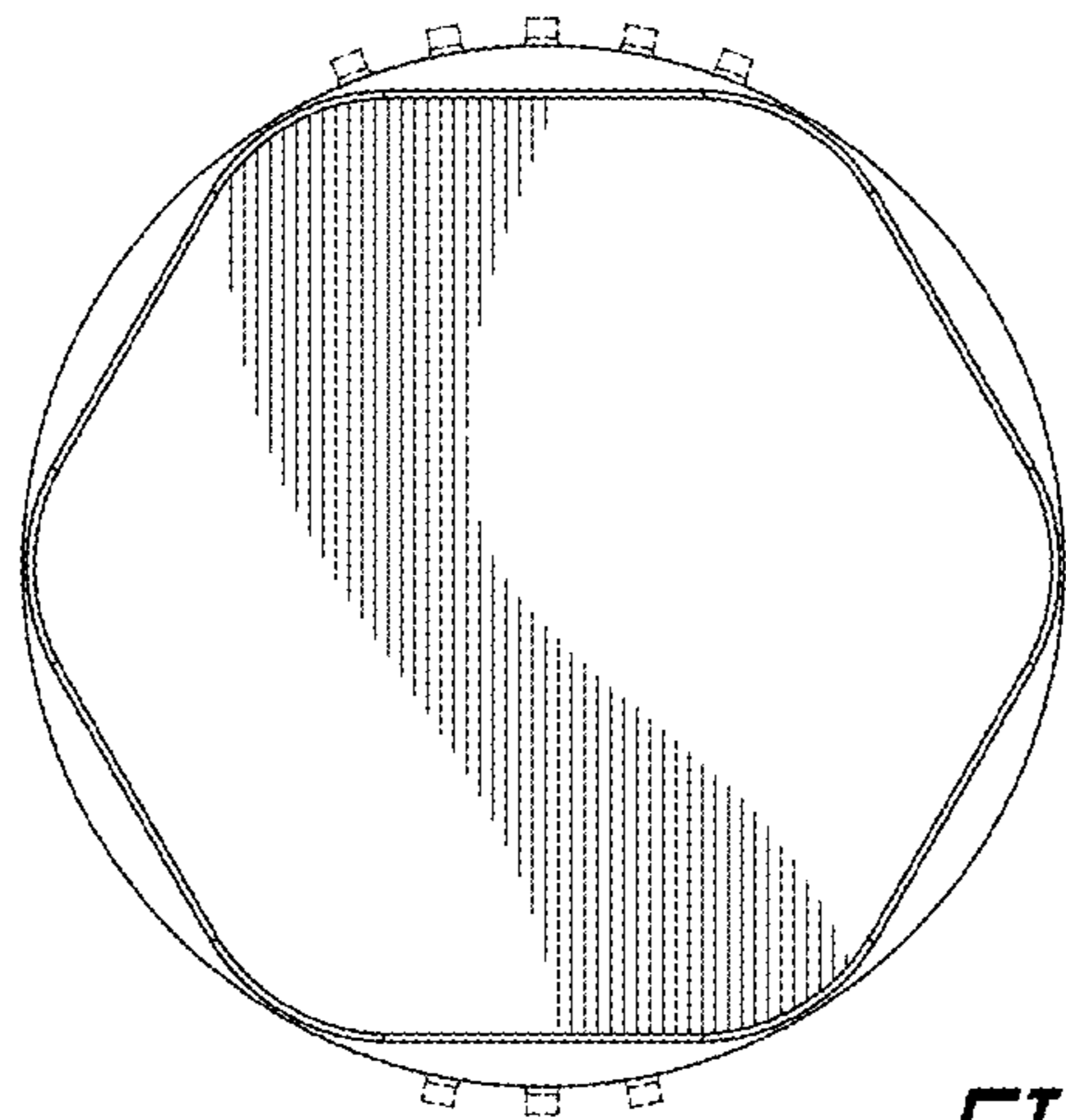


FIG. 24