



US00D747497S

(12) **United States Design Patent**  
**Bell**

(10) **Patent No.:** **US D747,497 S**  
(45) **Date of Patent:** **\*\* Jan. 12, 2016**

- (54) **PILL CRUSHING CUP LID**
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- (72) Inventor: **Brian D. Bell**, Wyoming, NY (US)
- (73) Assignee: **First Wave Products Group, LLC**,  
Batavia, NY (US)
- (\*\*) Term: **14 Years**
- (21) Appl. No.: **29/488,547**
- (22) Filed: **Apr. 21, 2014**
- (51) **LOC (10) Cl.** ..... **24-02**
- (52) **U.S. Cl.**  
USPC ..... **D24/220; D9/436**
- (58) **Field of Classification Search**  
USPC ..... D9/434, 435, 436, 440, 449, 450, 499;  
D24/220; D7/678, 679, 372, 373, 374  
CPC ..... A47J 42/10; A47J 42/38; A47J 42/40  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- 3,731,813 A \* 5/1973 Tipton ..... E02B 15/046  
210/242.3
- D378,565 S \* 3/1997 Cousins ..... D7/667

(Continued)

**OTHER PUBLICATIONS**

First Crush Coups, firstwaveproducts.com, 3 pages. Found online  
Nov. 9, 2015 at <http://firstwaveproducts.com/cups/>.\*

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Katherine H. McGuire, Esq.

(57) **CLAIM**

The ornamental design for a pill crushing cup lid, as shown  
and described.

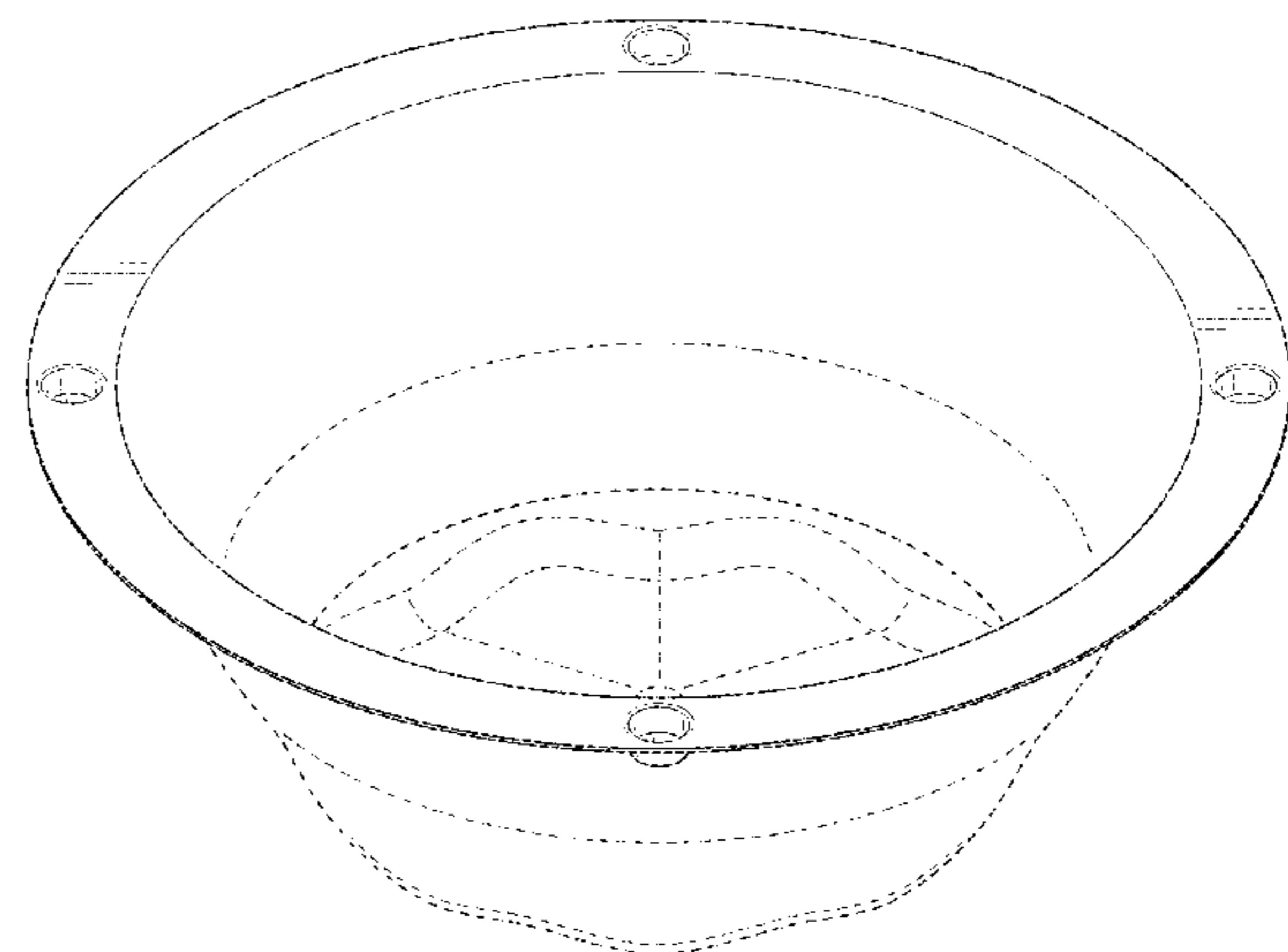
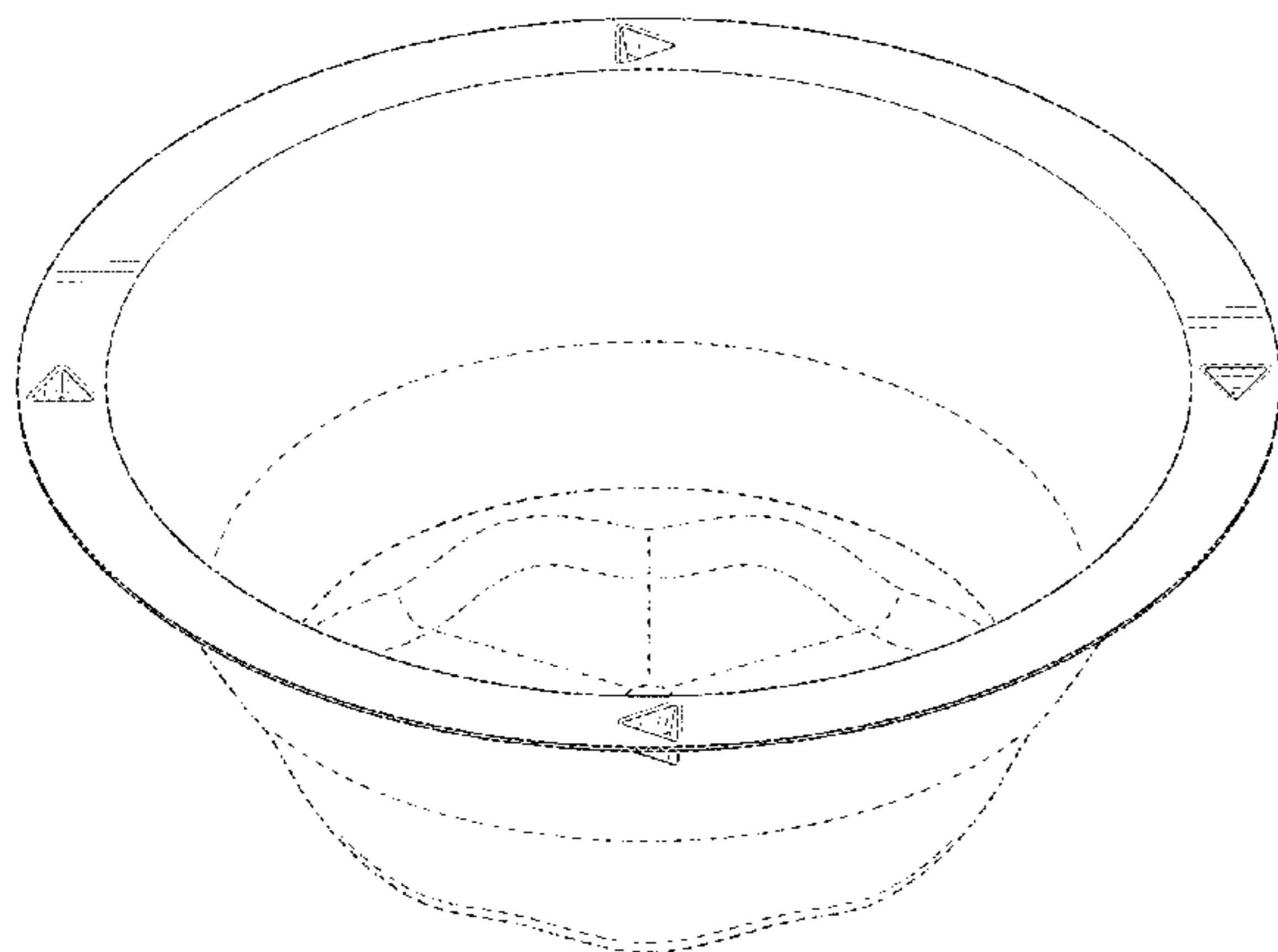
**DESCRIPTION**

FIG. 1 is a front perspective view of a pill crushing cup lid  
showing a first embodiment of our new design;  
FIG. 2 is a right side view thereof;

FIG. 3 is a left side view thereof;  
 FIG. 4 is a front view thereof;  
 FIG. 5 is a back view thereof;  
 FIG. 6 is a top view thereof;  
 FIG. 7 is a bottom view thereof;  
 FIG. 8 is a front perspective view of a pill crushing lid show-  
 ing a second embodiment of our new design;  
 FIG. 9 is a right side view thereof;  
 FIG. 10 is a left side view thereof;  
 FIG. 11 is a front view thereof;  
 FIG. 12 is a back view thereof;  
 FIG. 13 is a top view thereof;  
 FIG. 14 is a bottom view thereof;  
 FIG. 15 is a front perspective view of a pill crushing cup lid  
 showing a third embodiment of our new design;  
 FIG. 16 is a right side view thereof;  
 FIG. 17 is a left side view thereof;  
 FIG. 18 is a front view thereof;  
 FIG. 19 is a back view thereof;  
 FIG. 20 is a top view thereof;  
 FIG. 21 is a bottom view thereof;  
 FIG. 22 is a front perspective view of a pill crushing cup lid  
 showing a fourth embodiment of our new design;  
 FIG. 23 is a right side view thereof;  
 FIG. 24 is a left side view thereof;  
 FIG. 25 is a front view thereof;  
 FIG. 26 is a back view thereof;  
 FIG. 27 is a top view thereof;  
 FIG. 28 is a bottom view thereof;  
 FIG. 29 is a front perspective view of a pill crushing cup lid  
 showing a fifth embodiment of our new design;  
 FIG. 30 is a right side view thereof;  
 FIG. 31 is a left side view thereof;  
 FIG. 32 is a front view thereof;  
 FIG. 33 is a back view thereof;  
 FIG. 34 is a top view thereof;  
 FIG. 35 is a bottom view thereof;  
 FIG. 36 is a front perspective view of a pill crushing cup lid  
 showing a sixth embodiment of our new design;  
 FIG. 37 is a right side view thereof;  
 FIG. 38 is a left side view thereof;  
 FIG. 39 is a front view thereof;  
 FIG. 40 is a back view thereof;  
 FIG. 41 is a top view thereof; and,  
 FIG. 42 is a bottom view thereof.

The portions of the drawings shown in broken lines form no  
part of the claimed design.

**1 Claim, 30 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D378,724 S \* 4/1997 Young ..... D7/360  
D391,440 S \* 3/1998 Cousins ..... D7/360  
6,196,481 B1 \* 3/2001 Barbagli ..... A47J 42/04  
241/169.1  
D472,143 S \* 3/2003 Martin ..... D9/434

D481,312 S \* 10/2003 Martin ..... D9/435  
D514,398 S \* 2/2006 Feil ..... D7/400  
D604,800 S \* 11/2009 Vreeland ..... D23/209  
7,735,763 B2 \* 6/2010 Bell ..... B02C 19/08  
241/169.1  
D694,900 S \* 12/2013 Hohl ..... D24/220  
D694,901 S \* 12/2013 Hohl ..... D24/220  
D739,234 S \* 9/2015 Antal, Sr. .... D9/445

\* cited by examiner

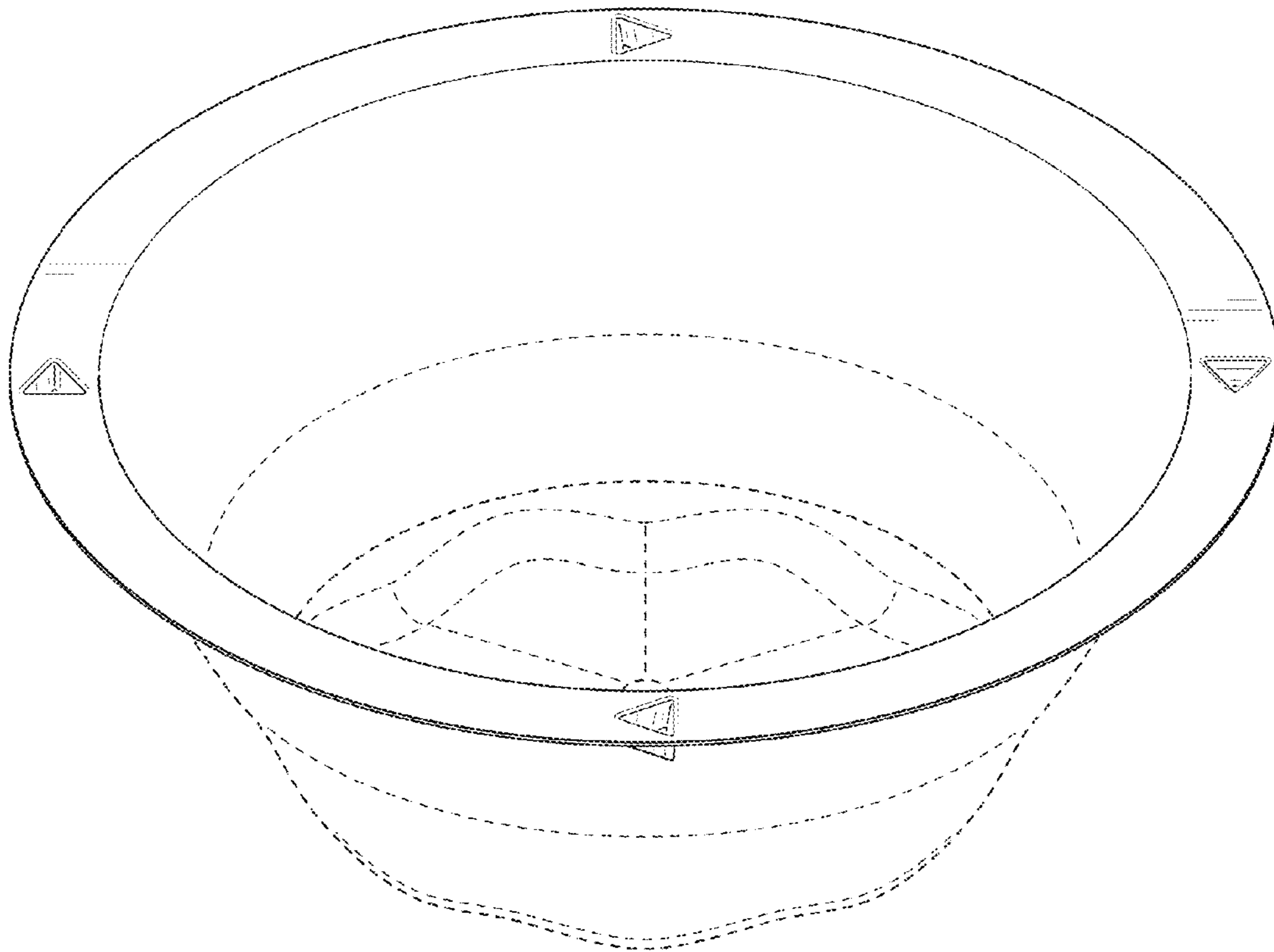


FIG. 1

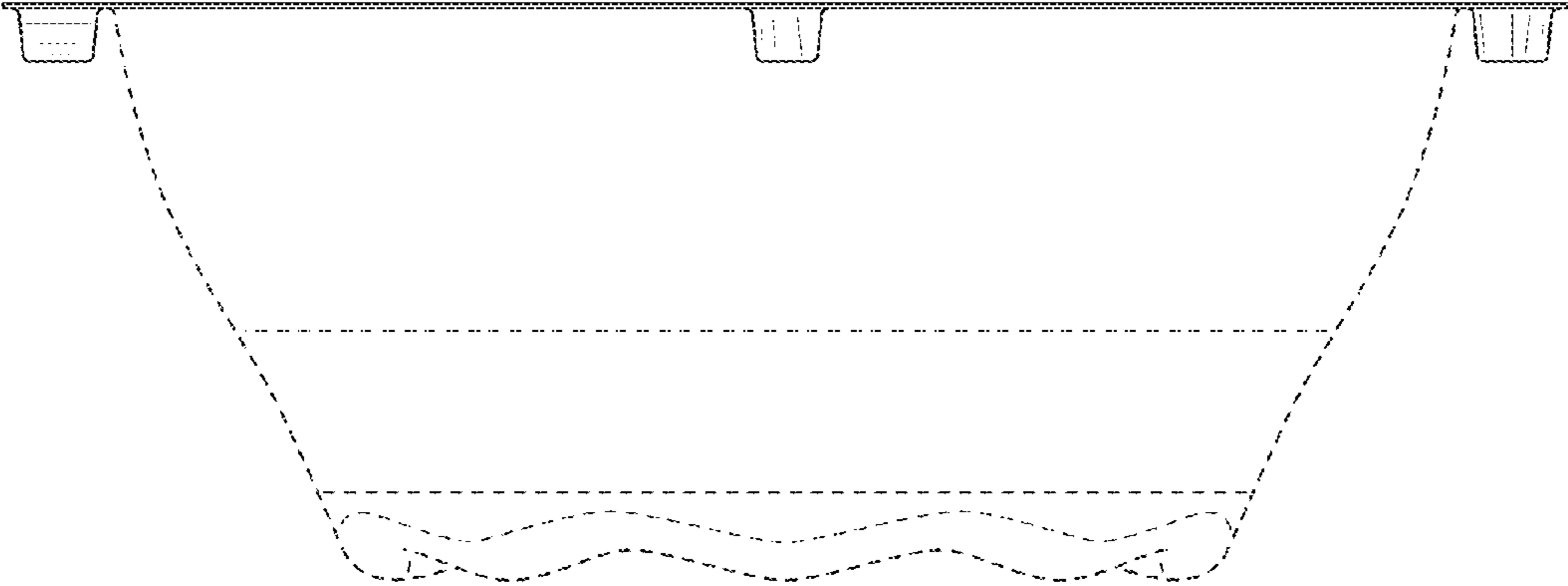


FIG. 2

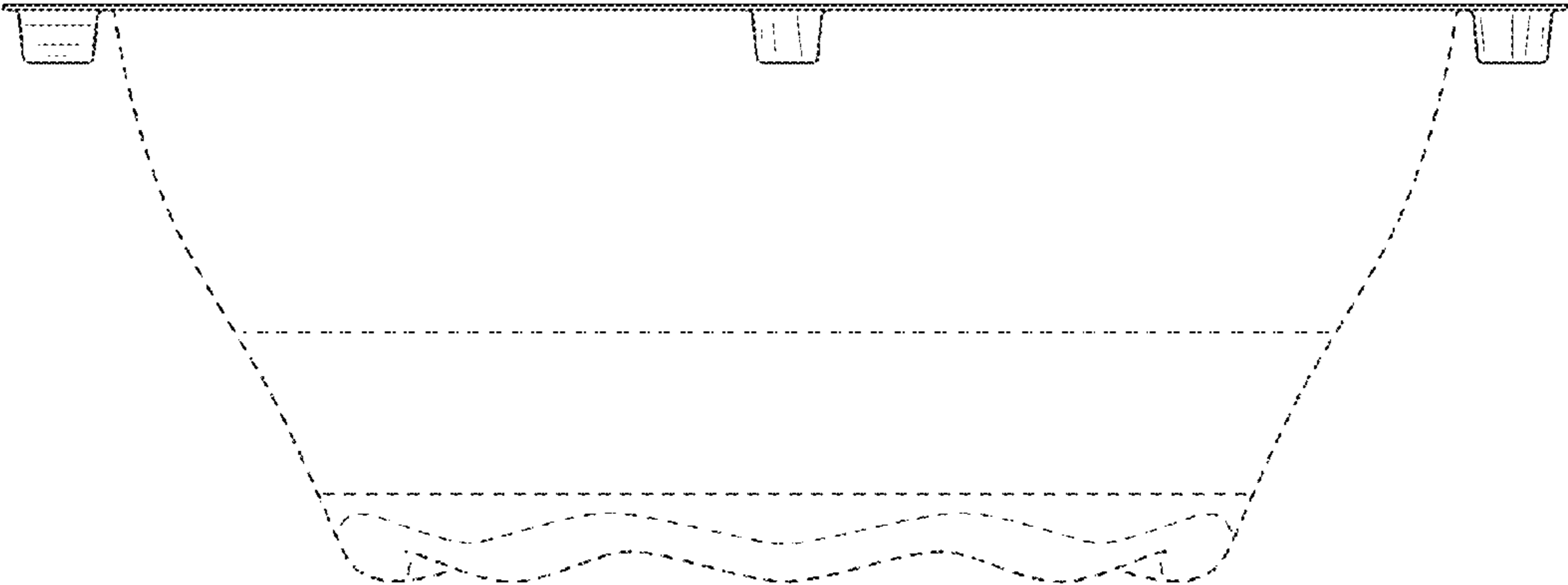


FIG. 3

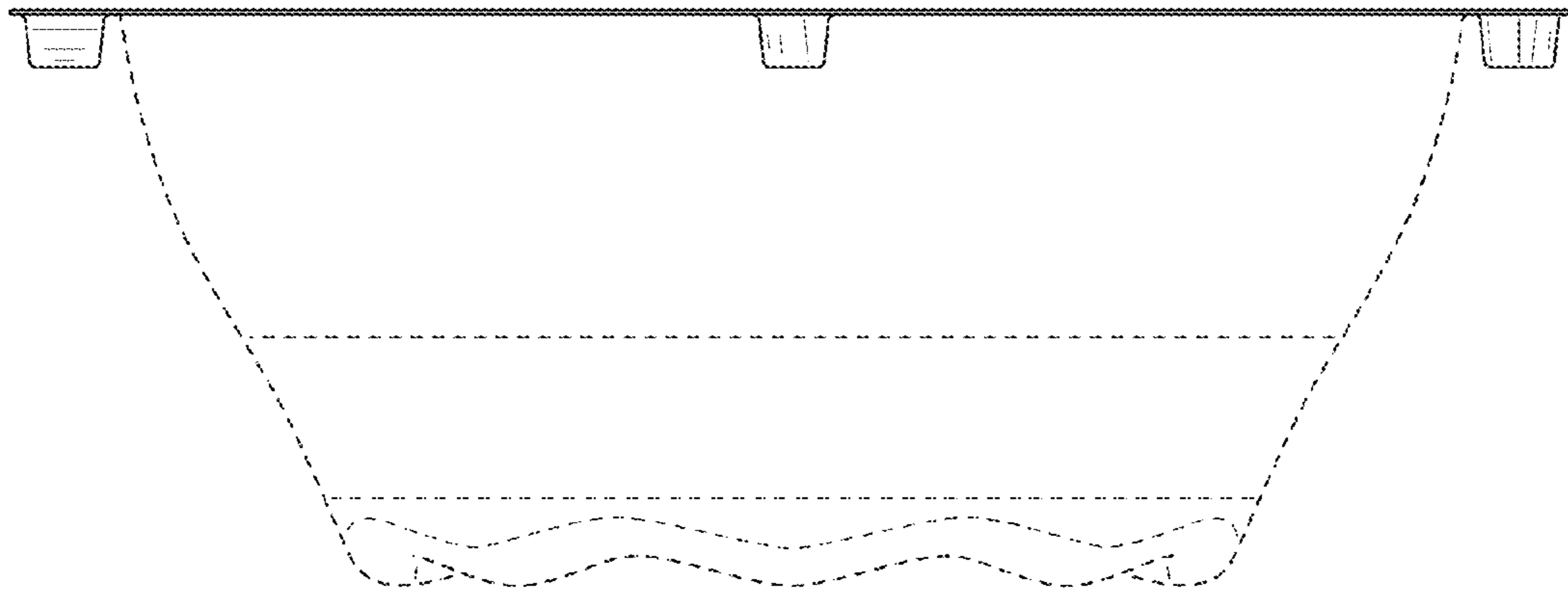


FIG. 4

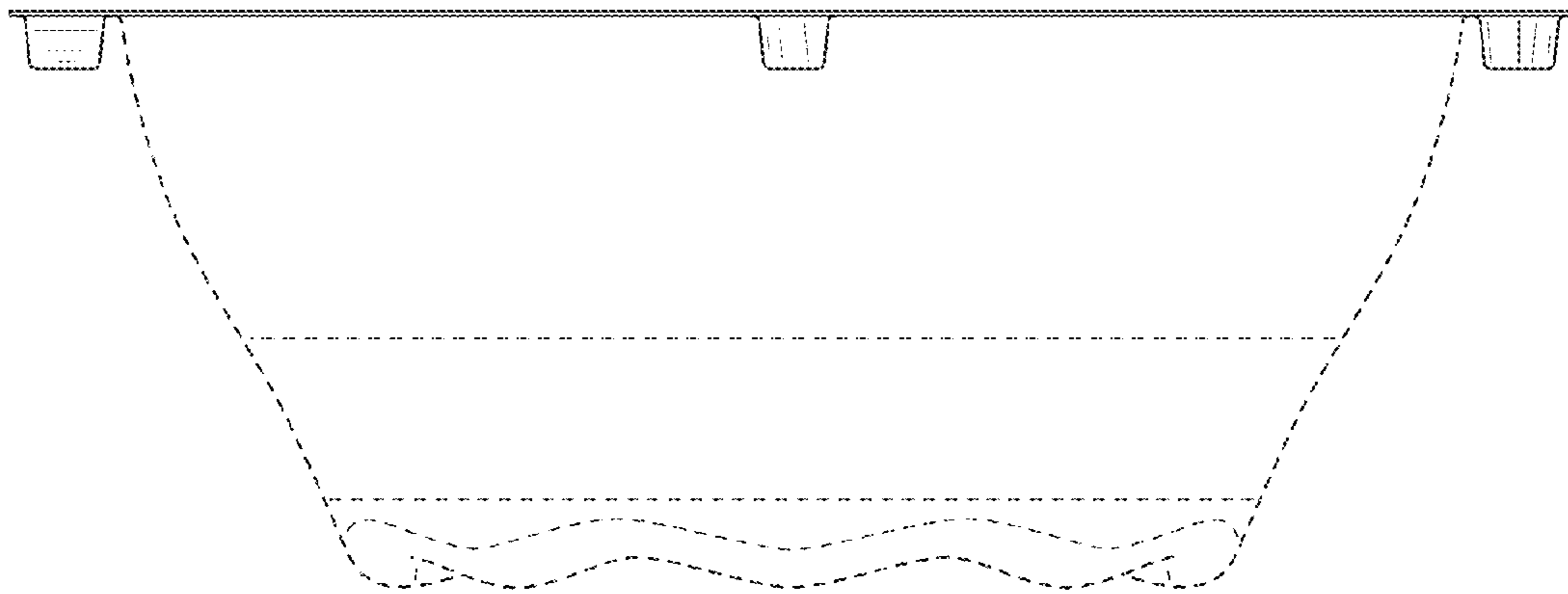


FIG. 5

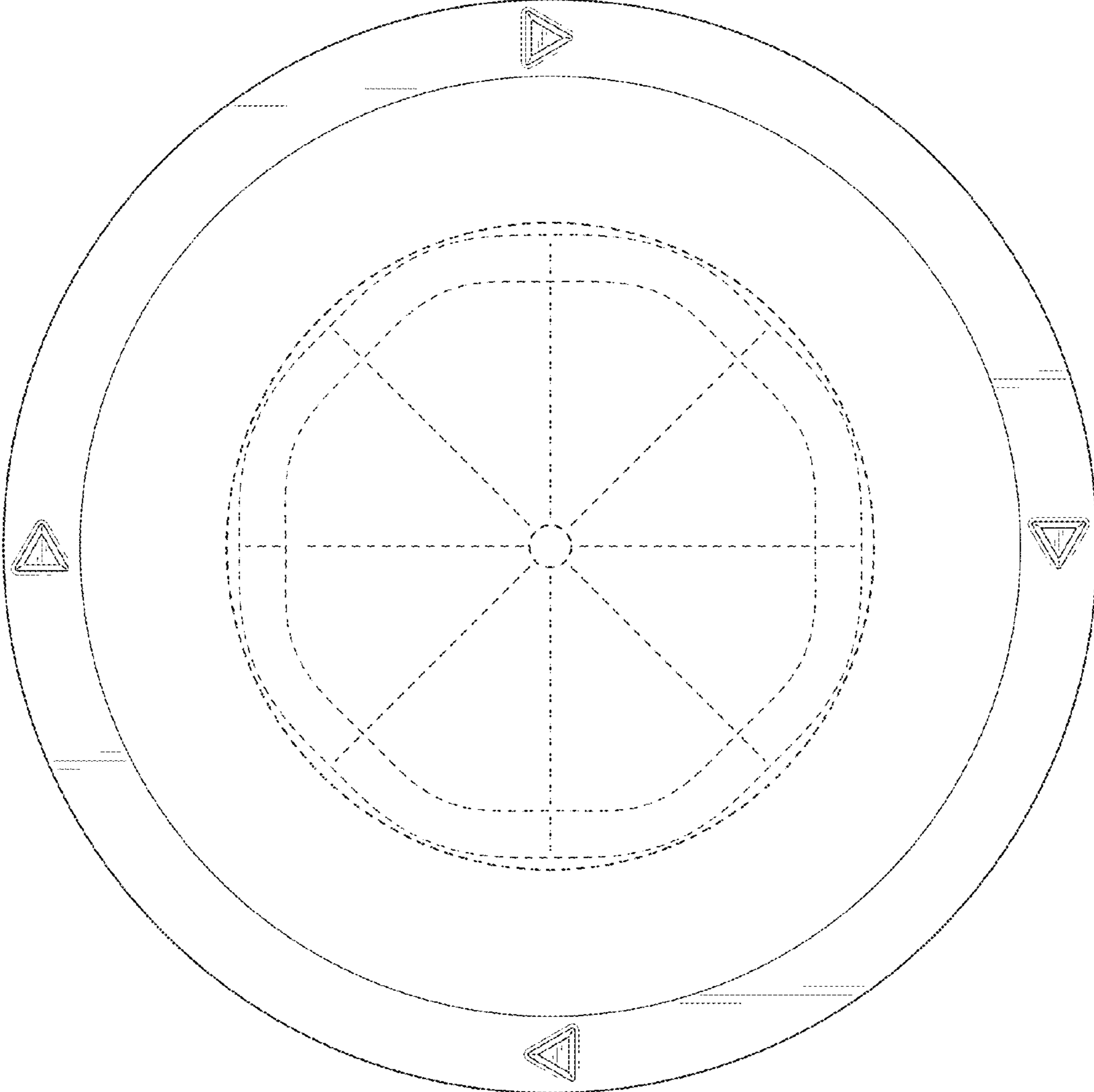


FIG. 6

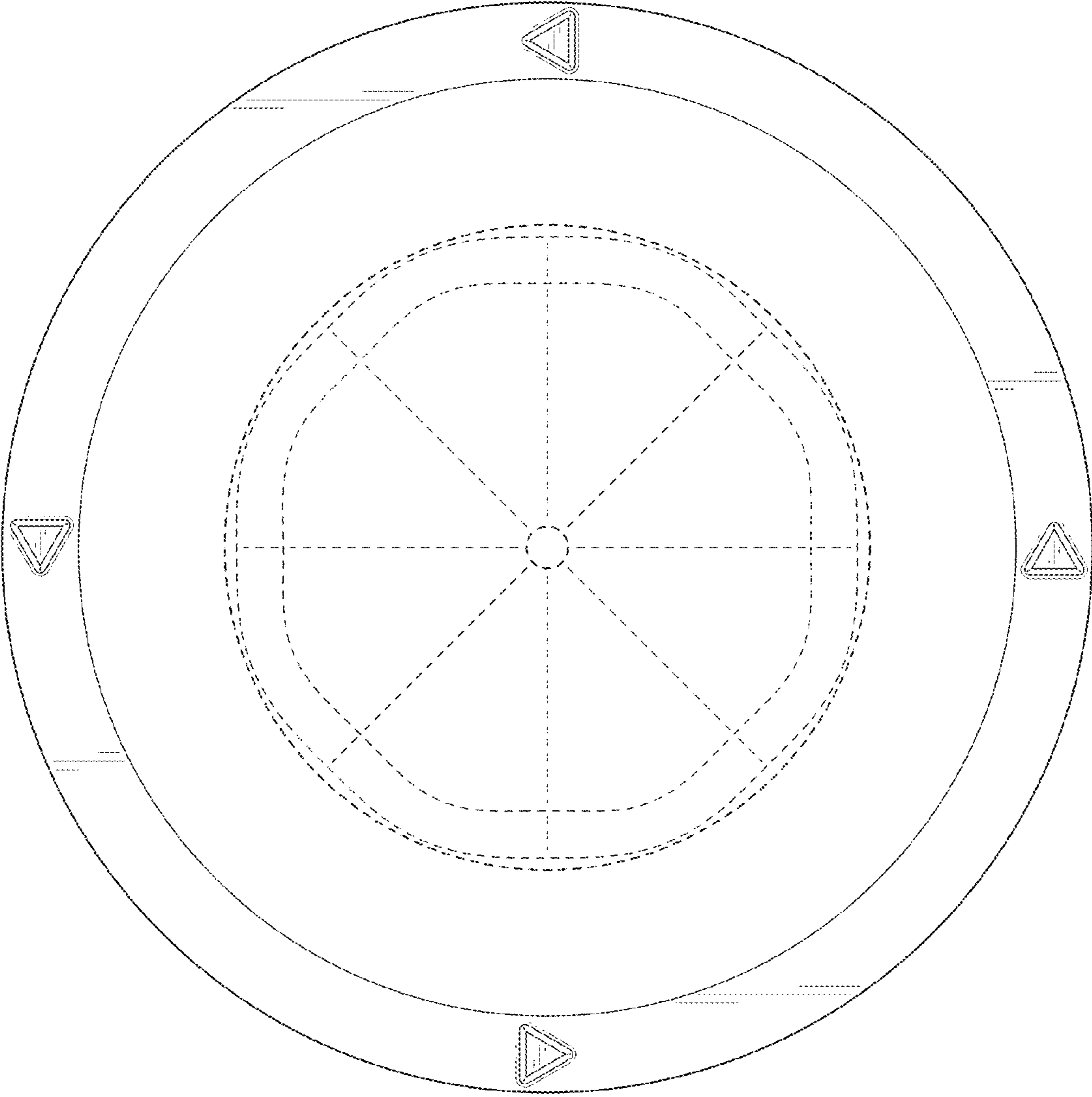


FIG. 7

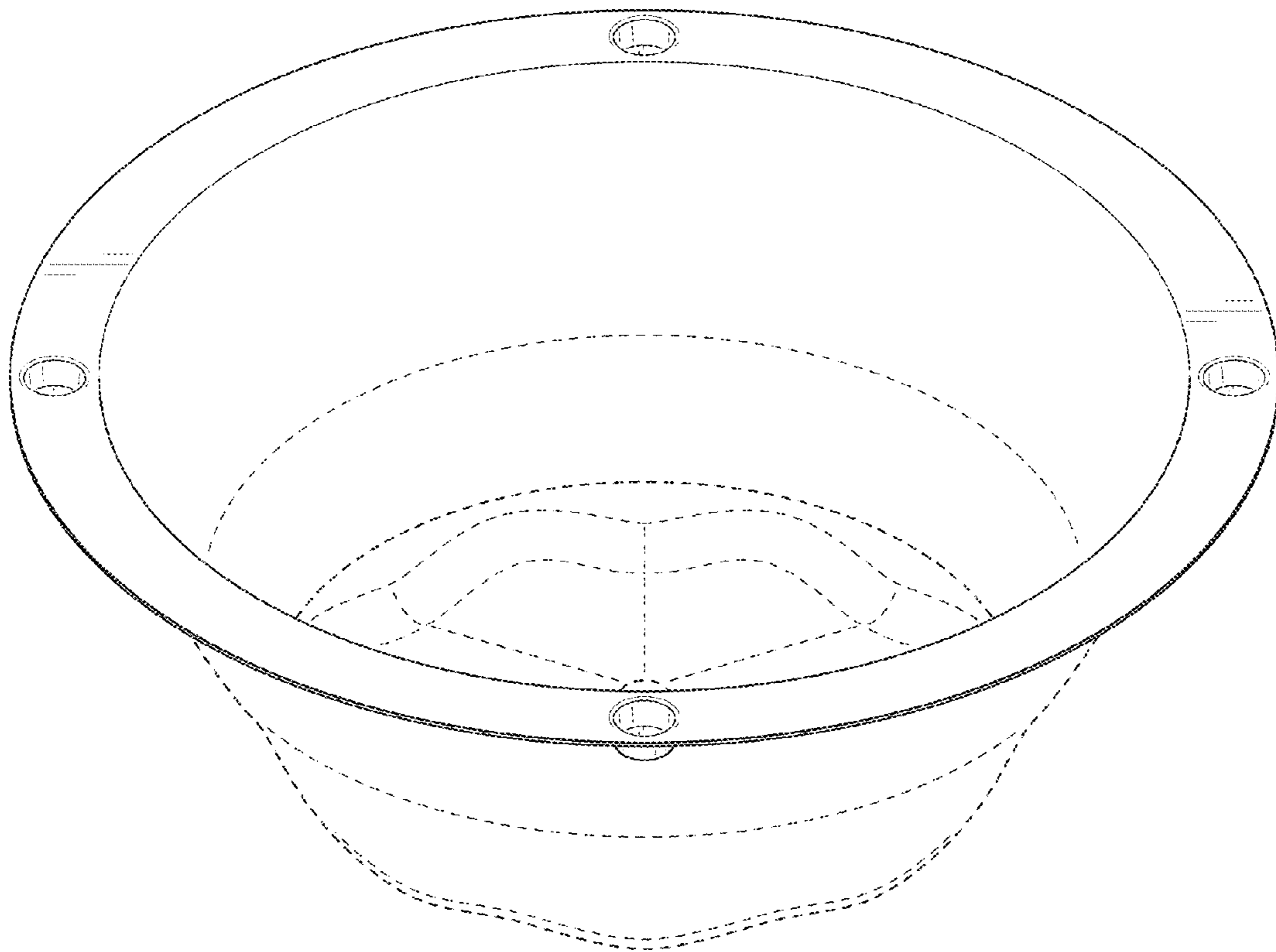


FIG. 8



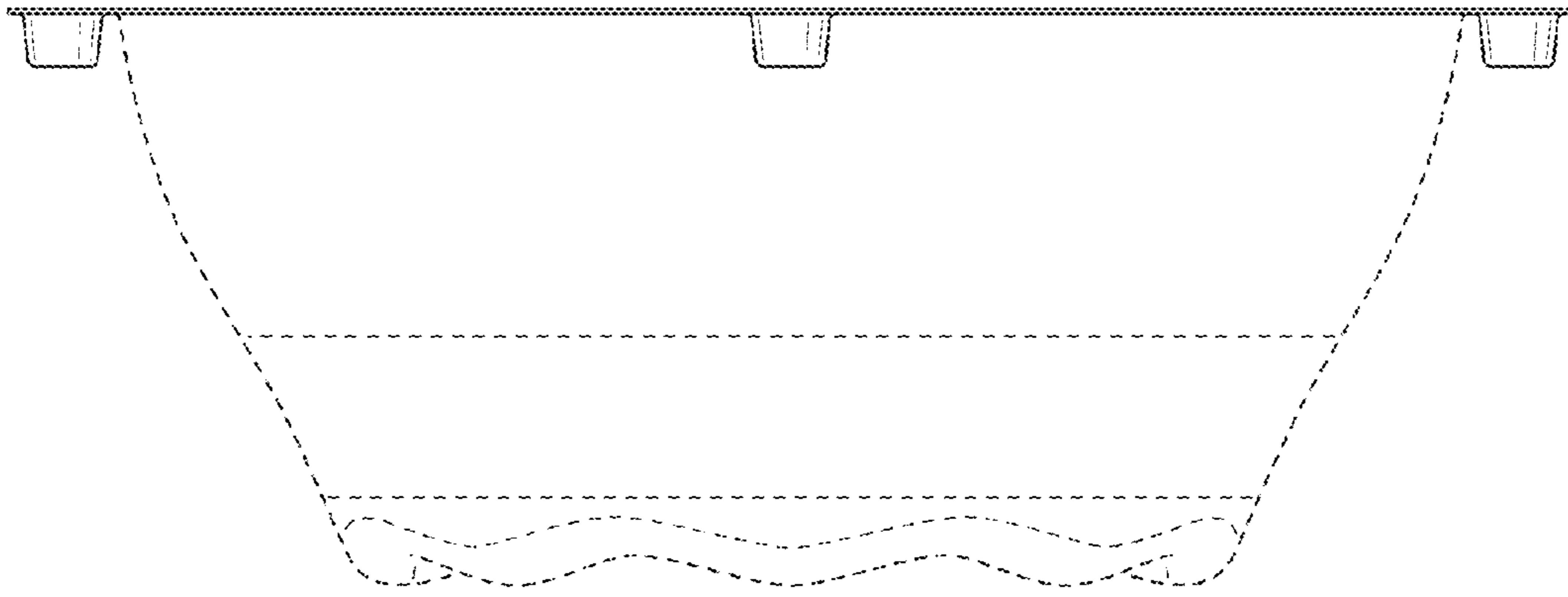


FIG. 9

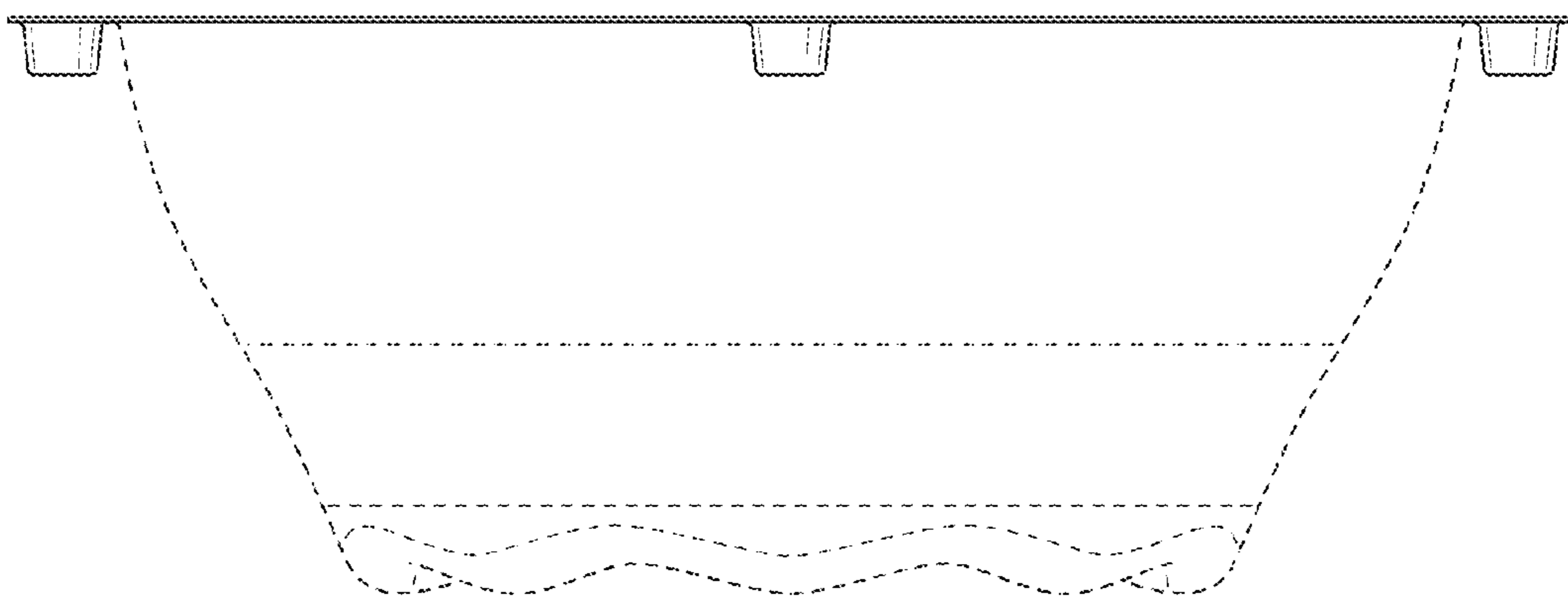


FIG. 10

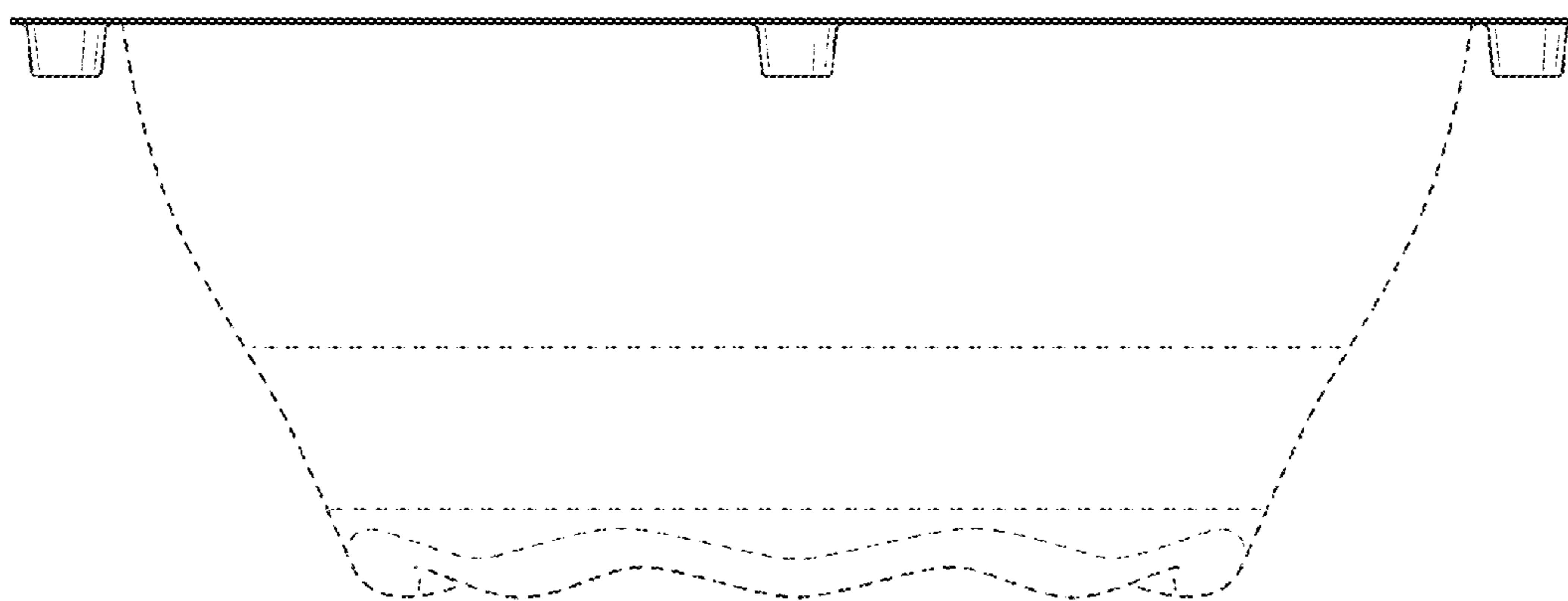


FIG. 11

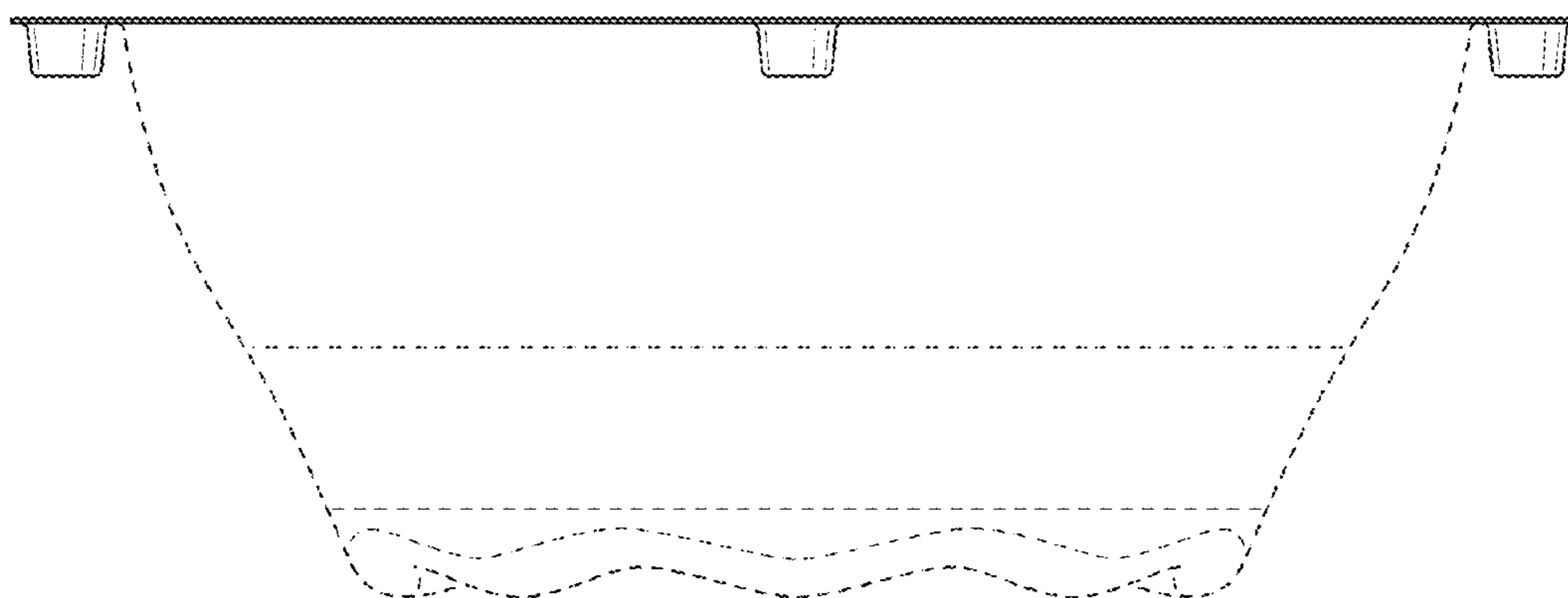


FIG. 12

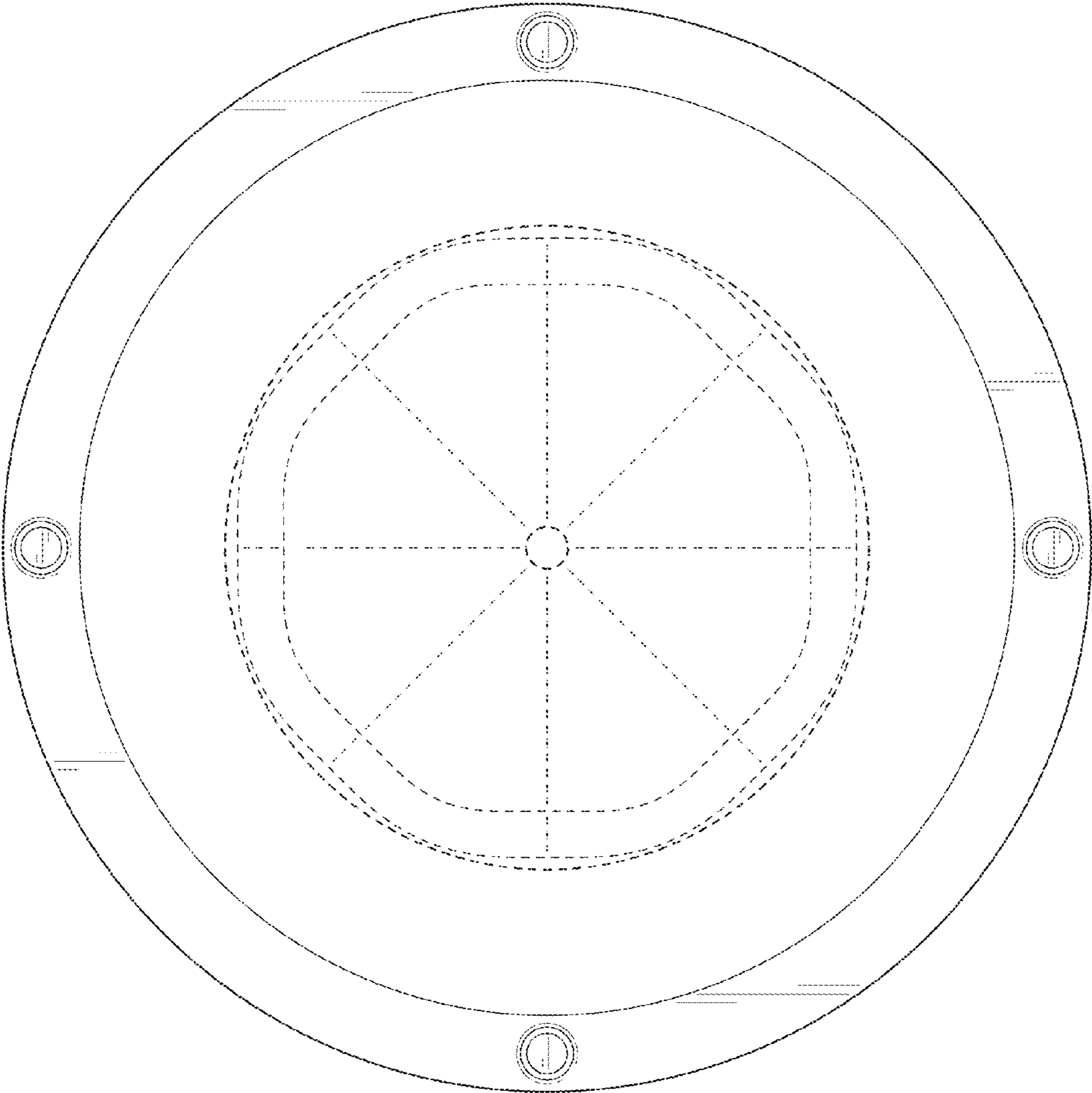


FIG. 13

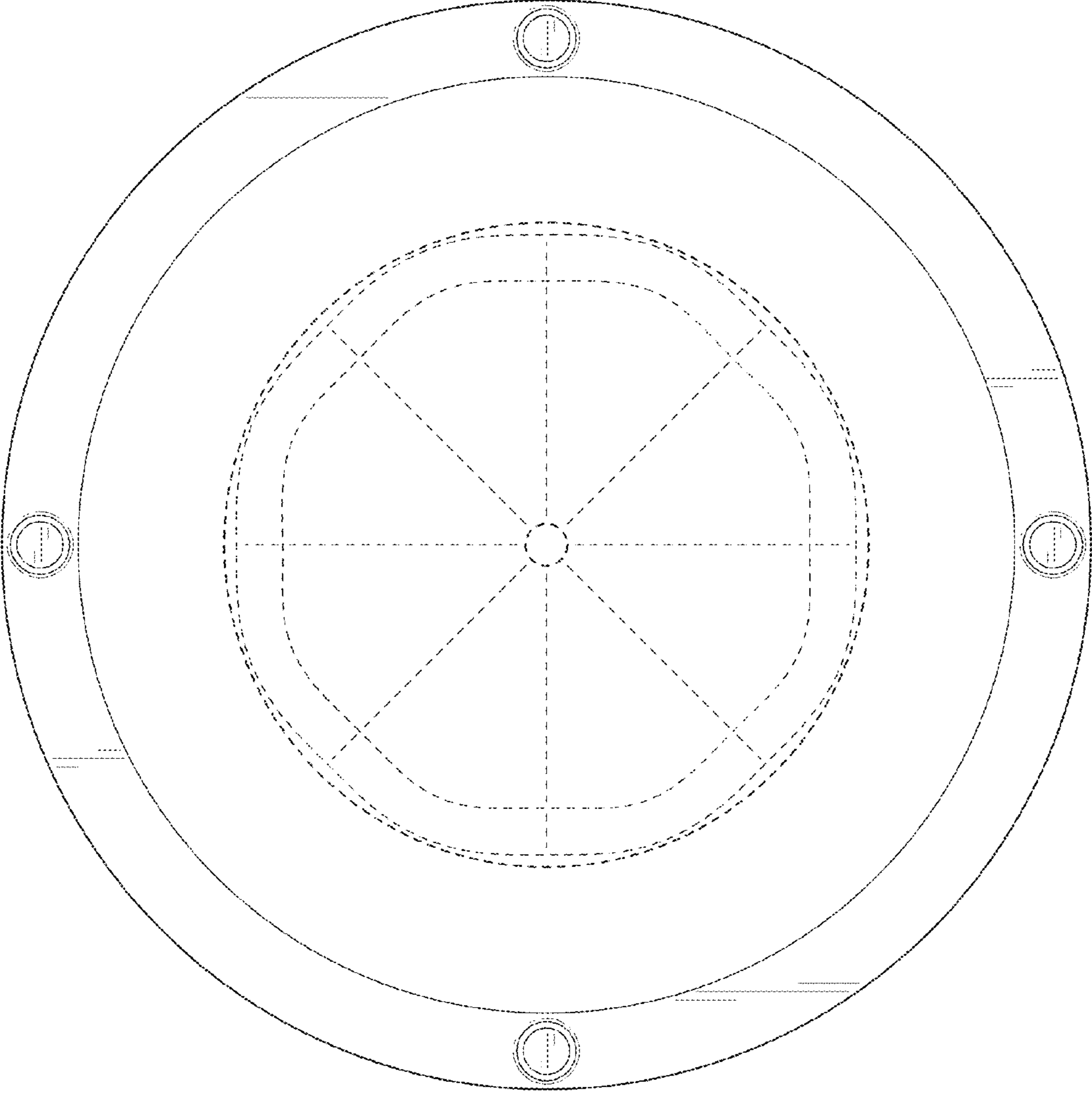


FIG. 14

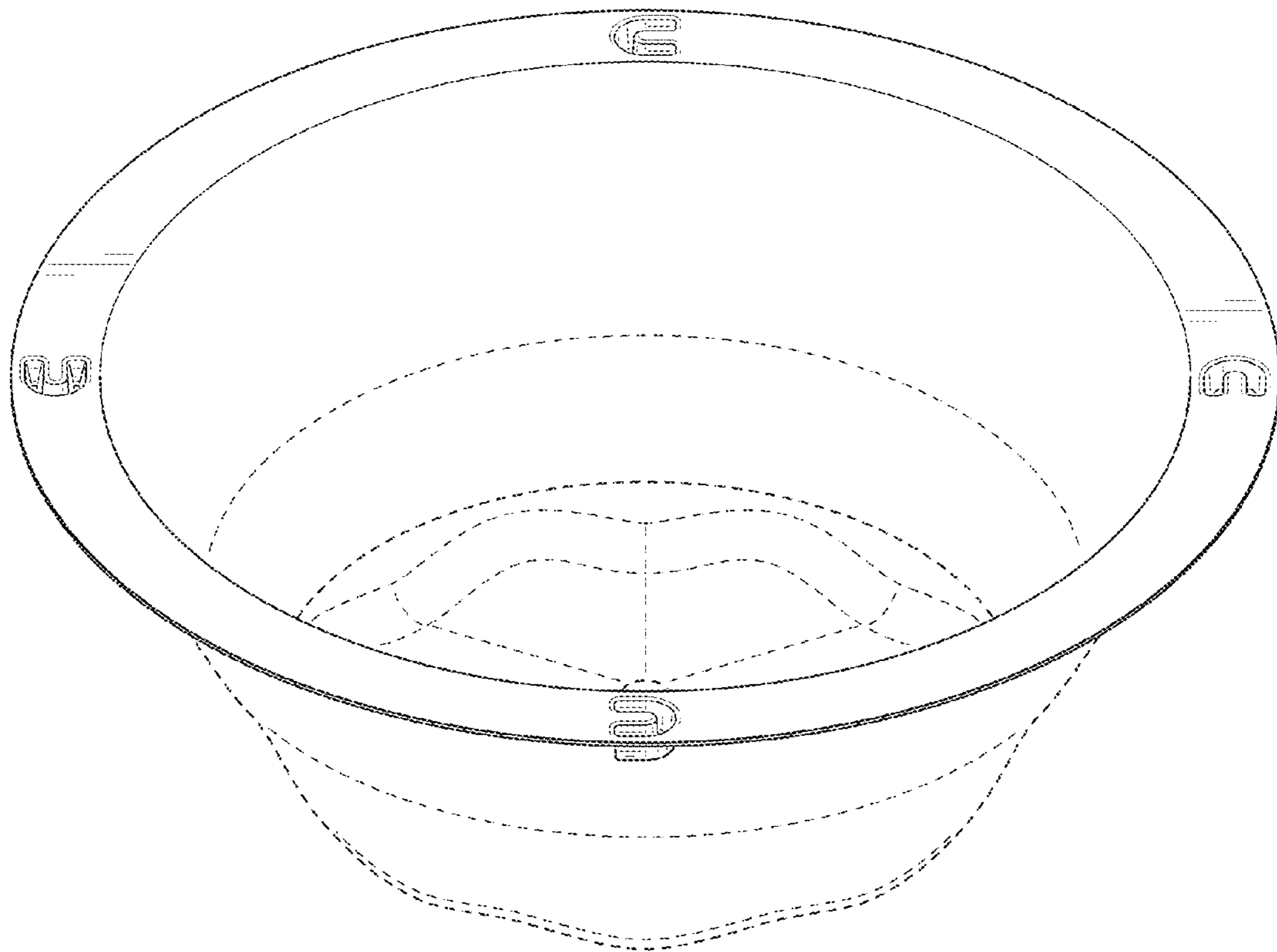


FIG. 15

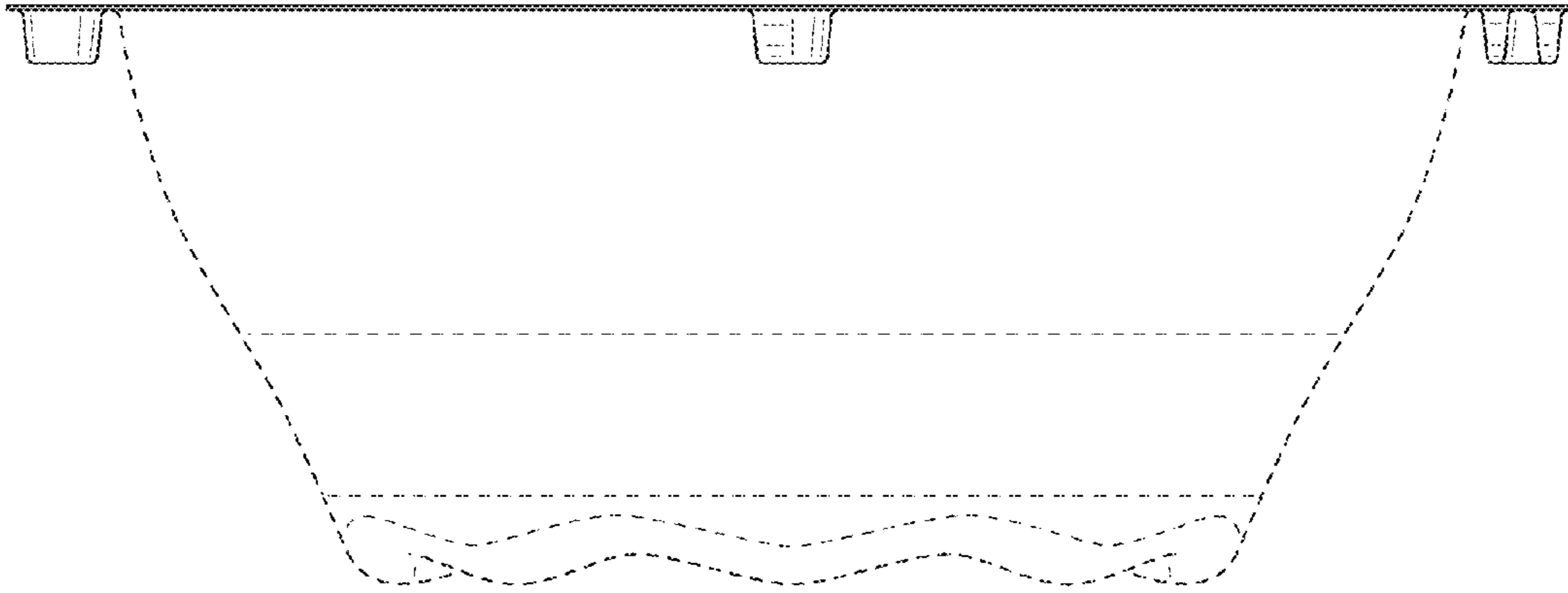


FIG. 16

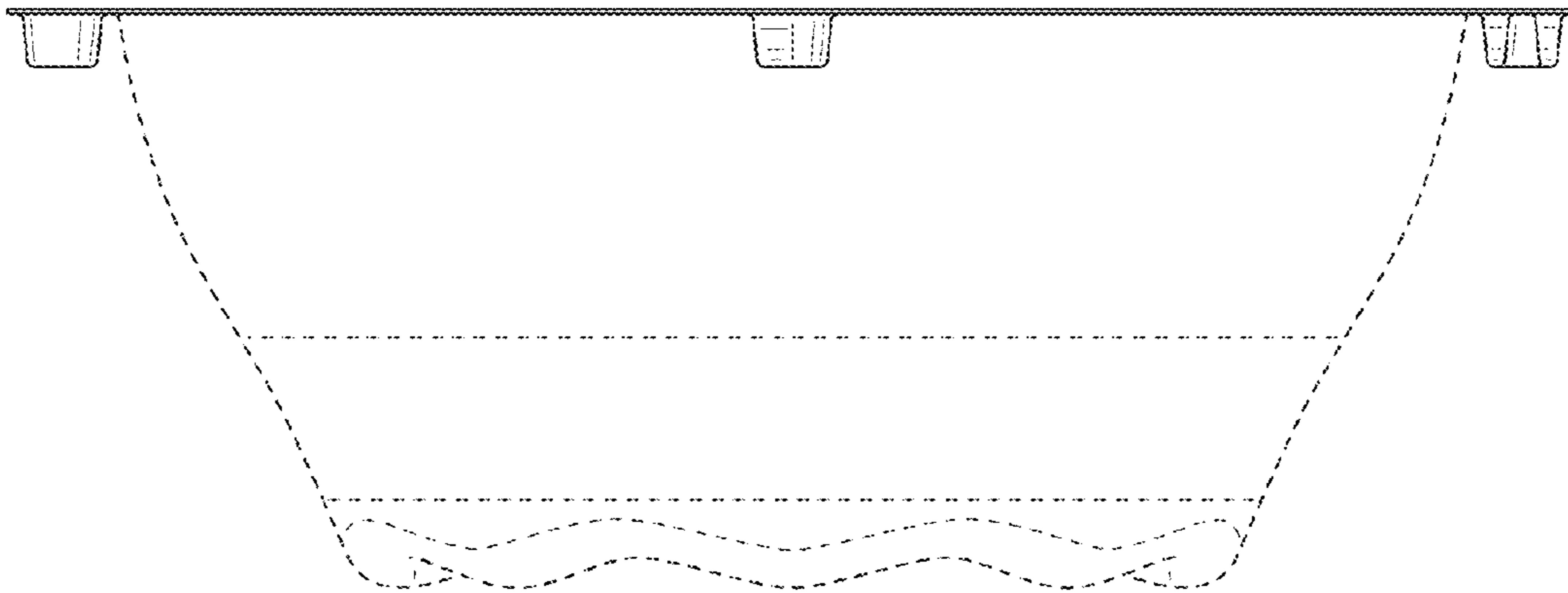


FIG. 17

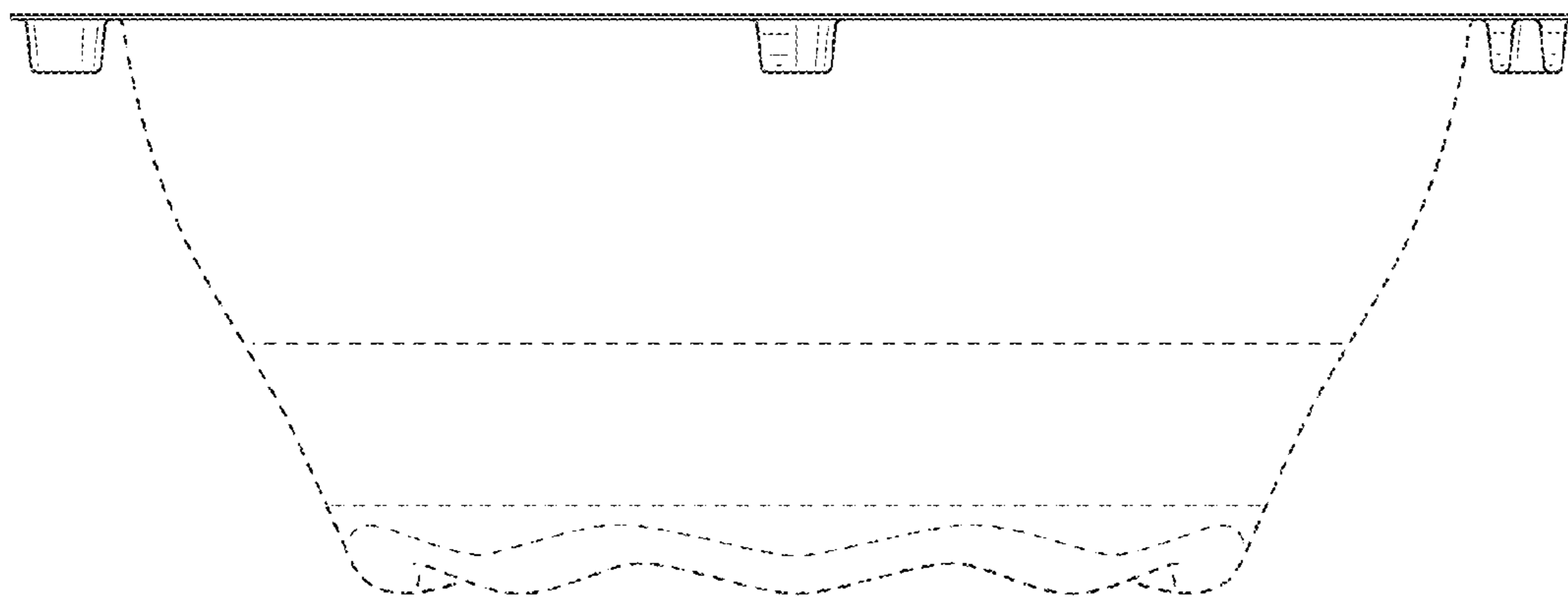


FIG. 18

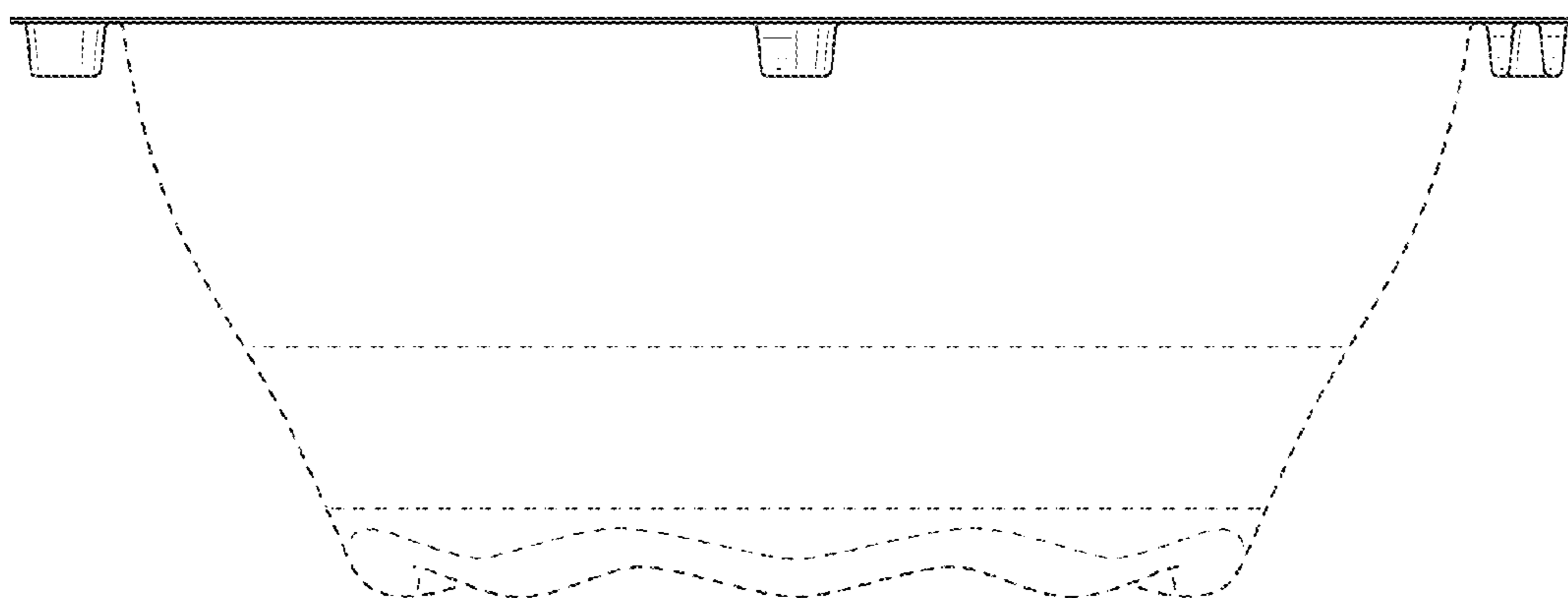


FIG. 19

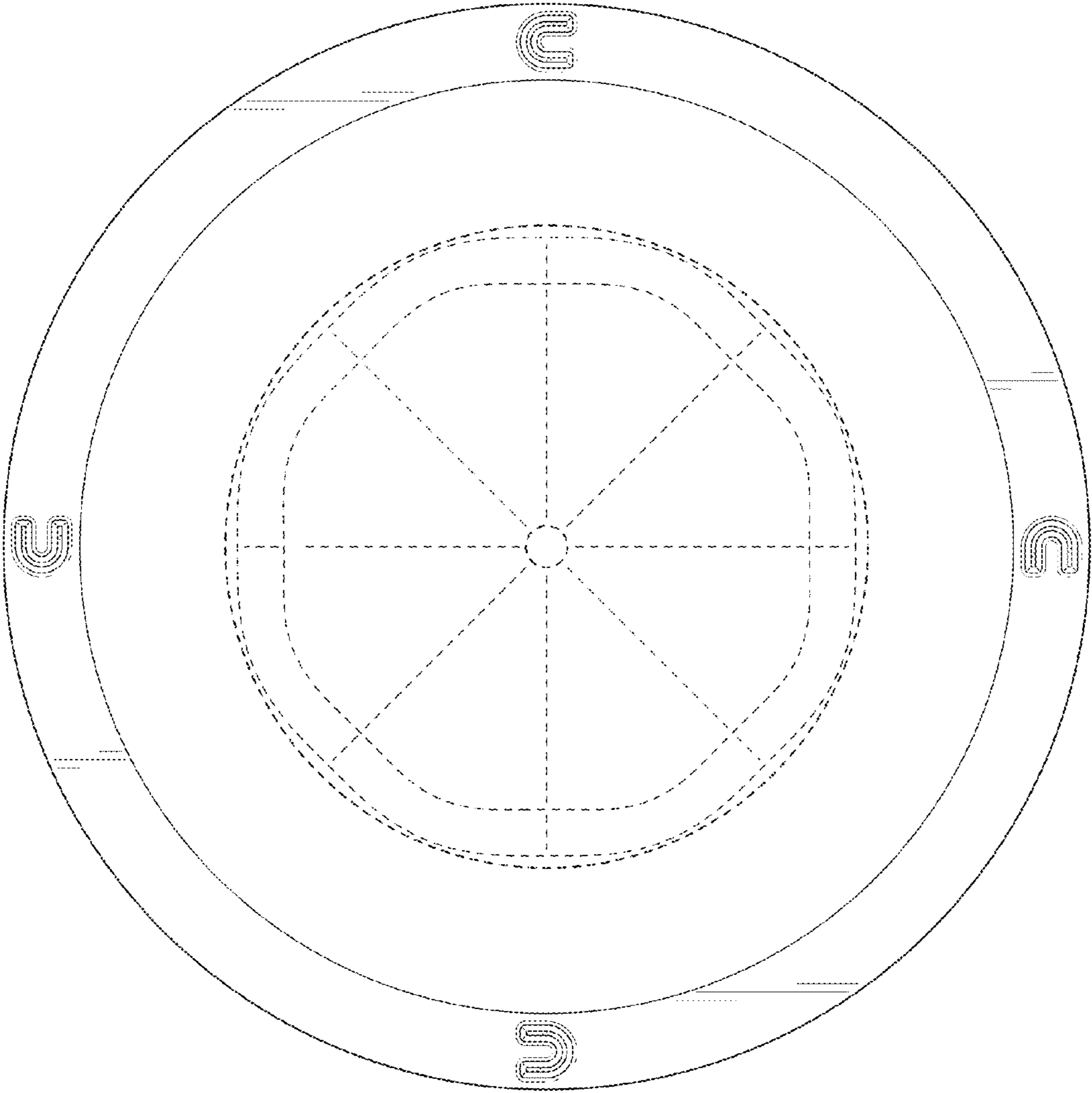


FIG. 20



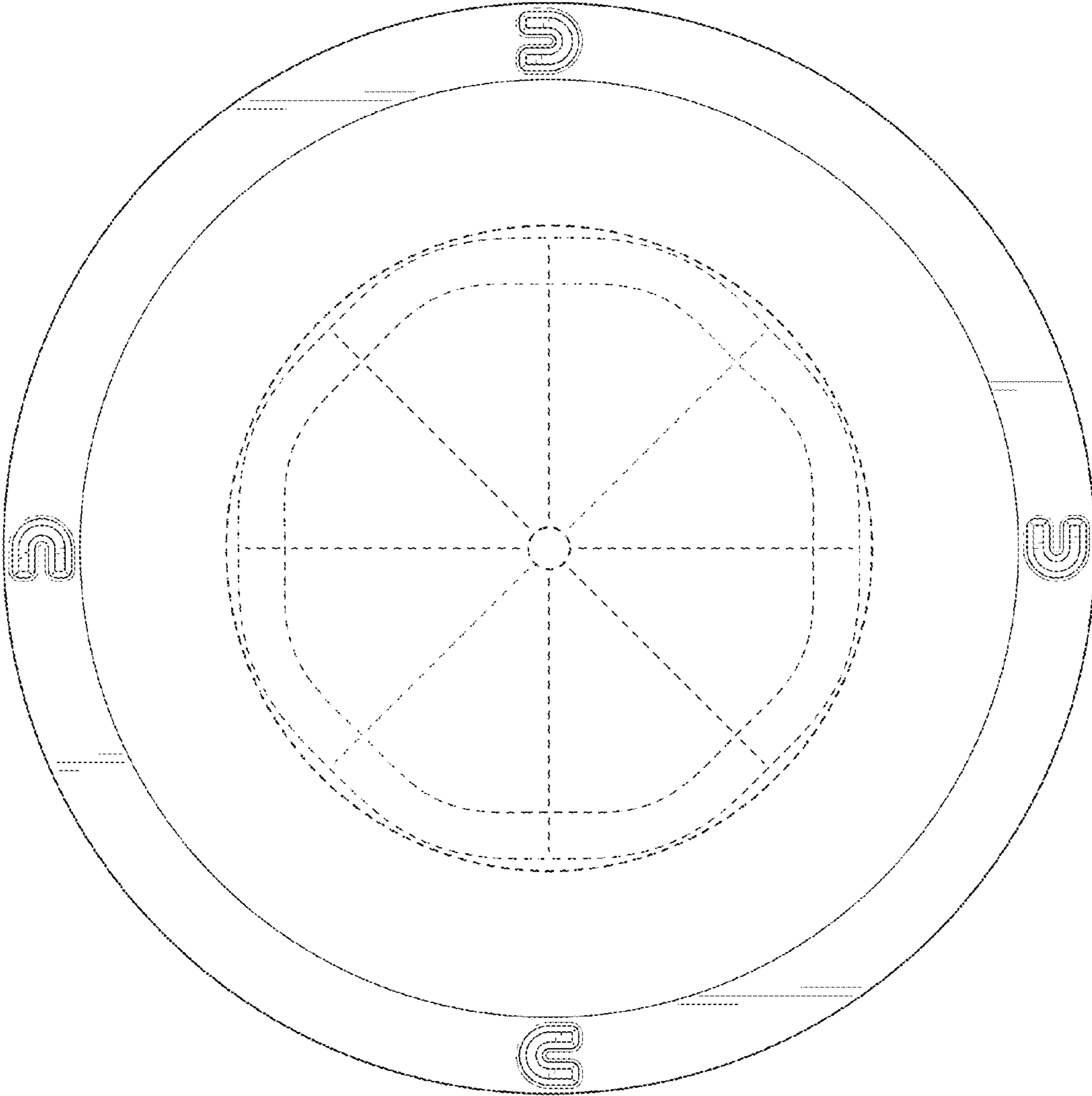


FIG. 21

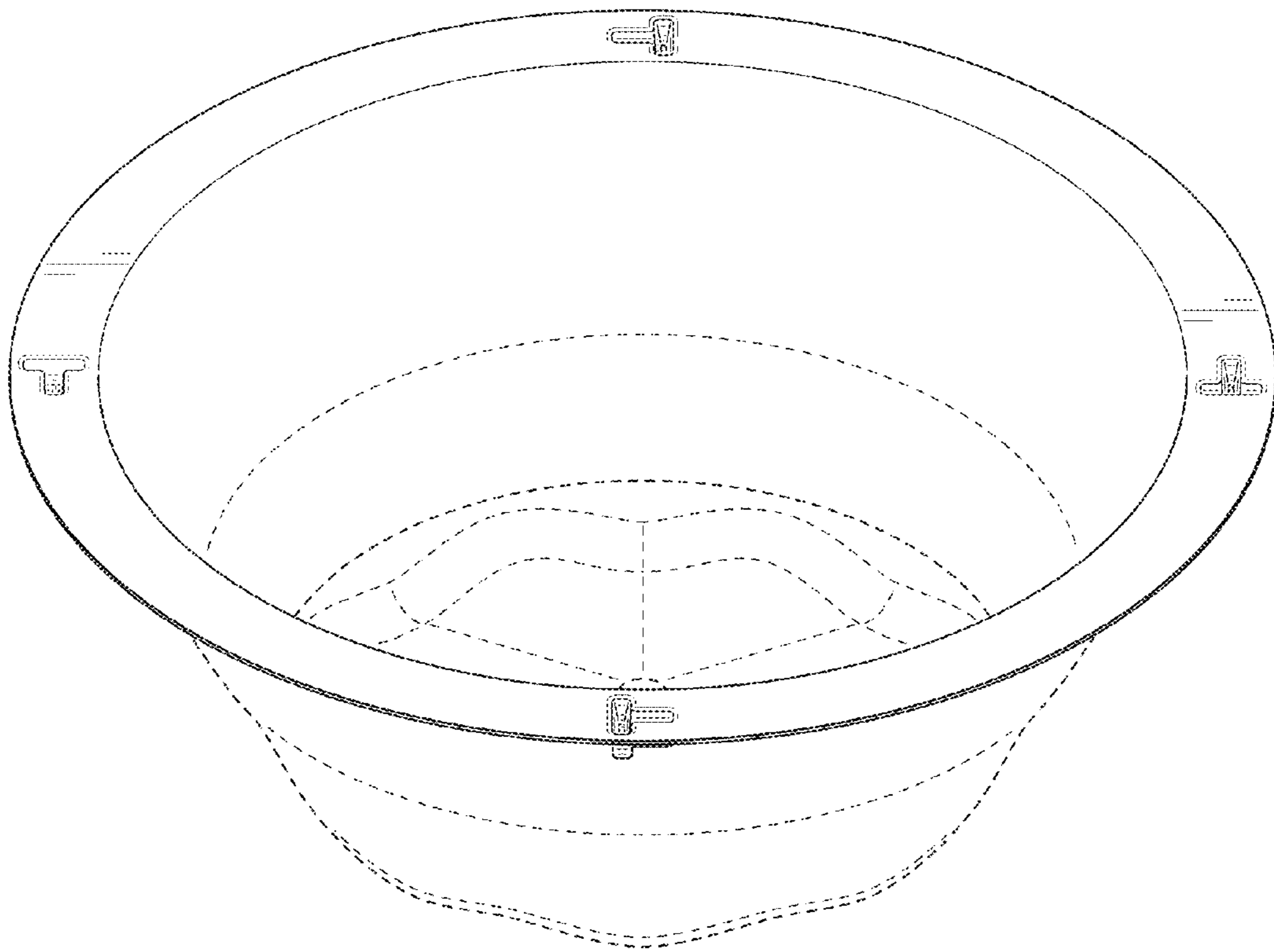


FIG. 22

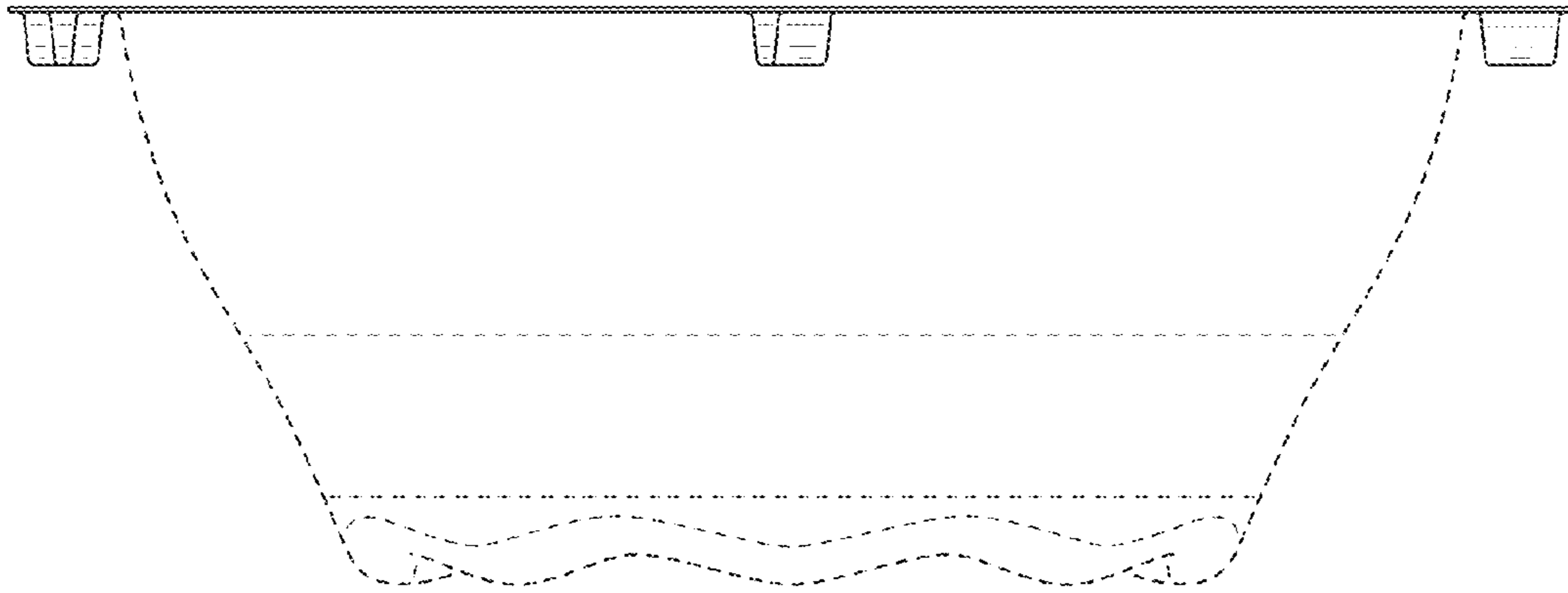


FIG. 23

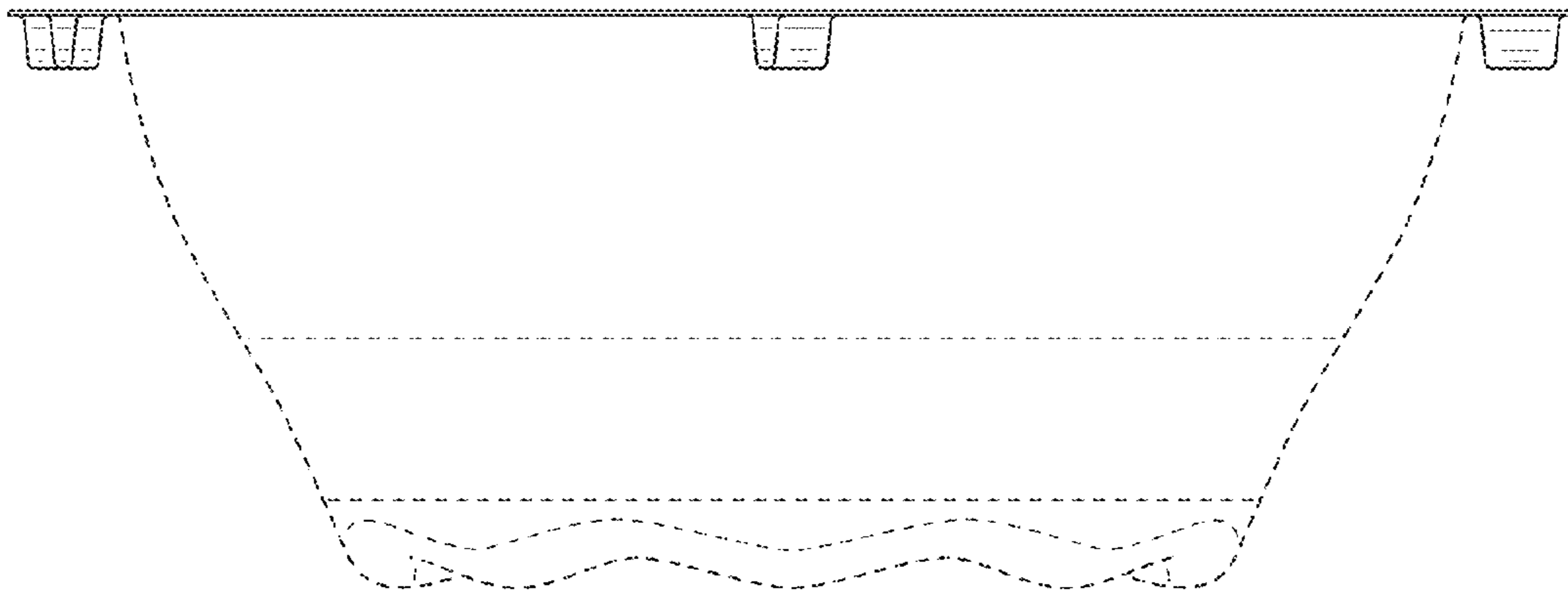


FIG. 24

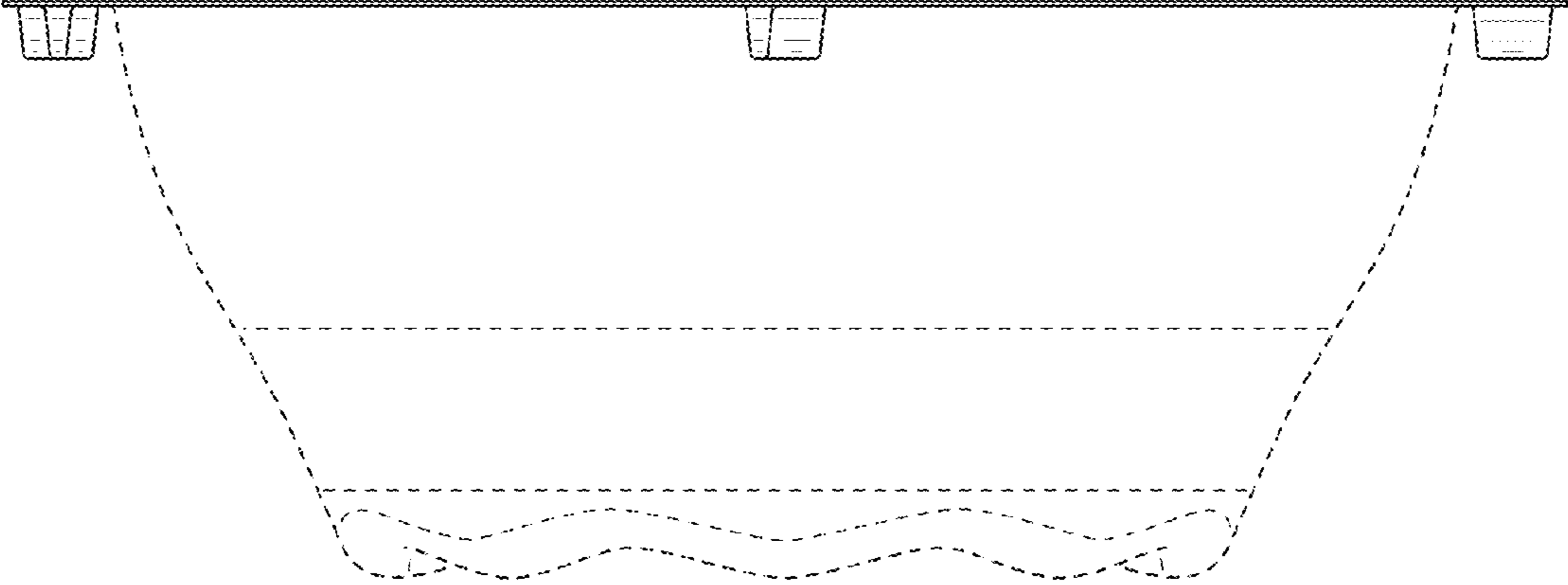


FIG. 25

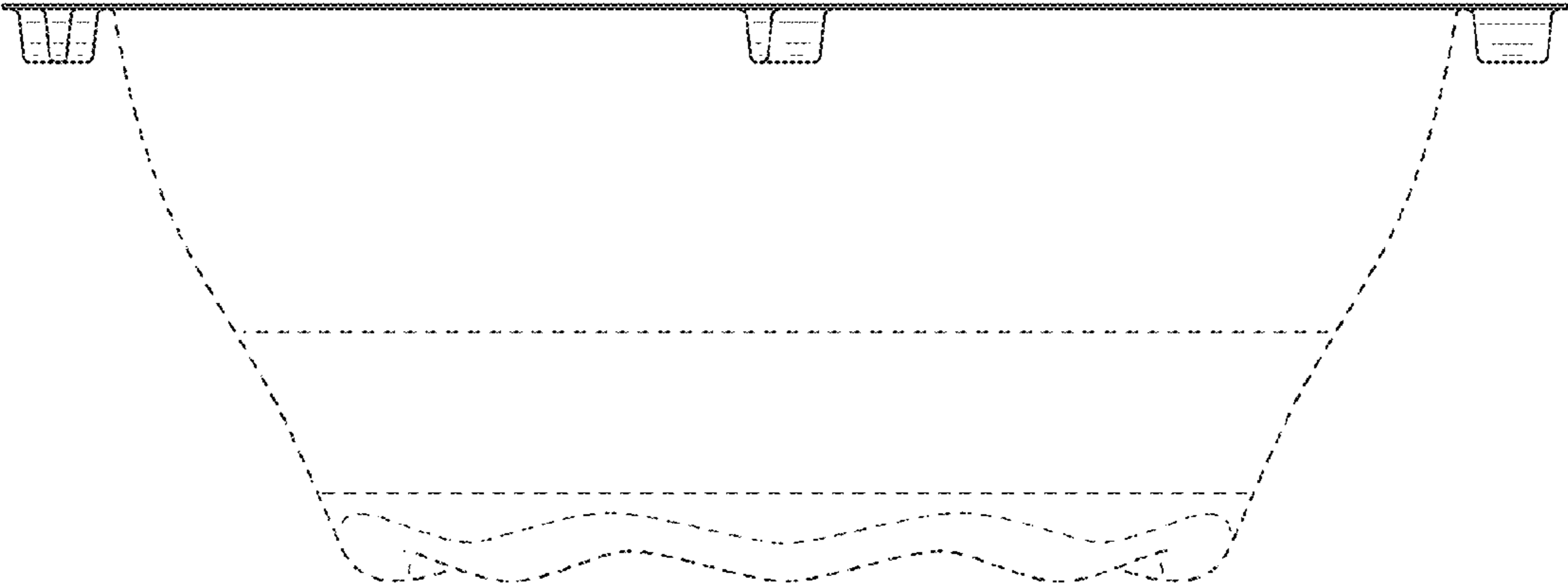


FIG. 26

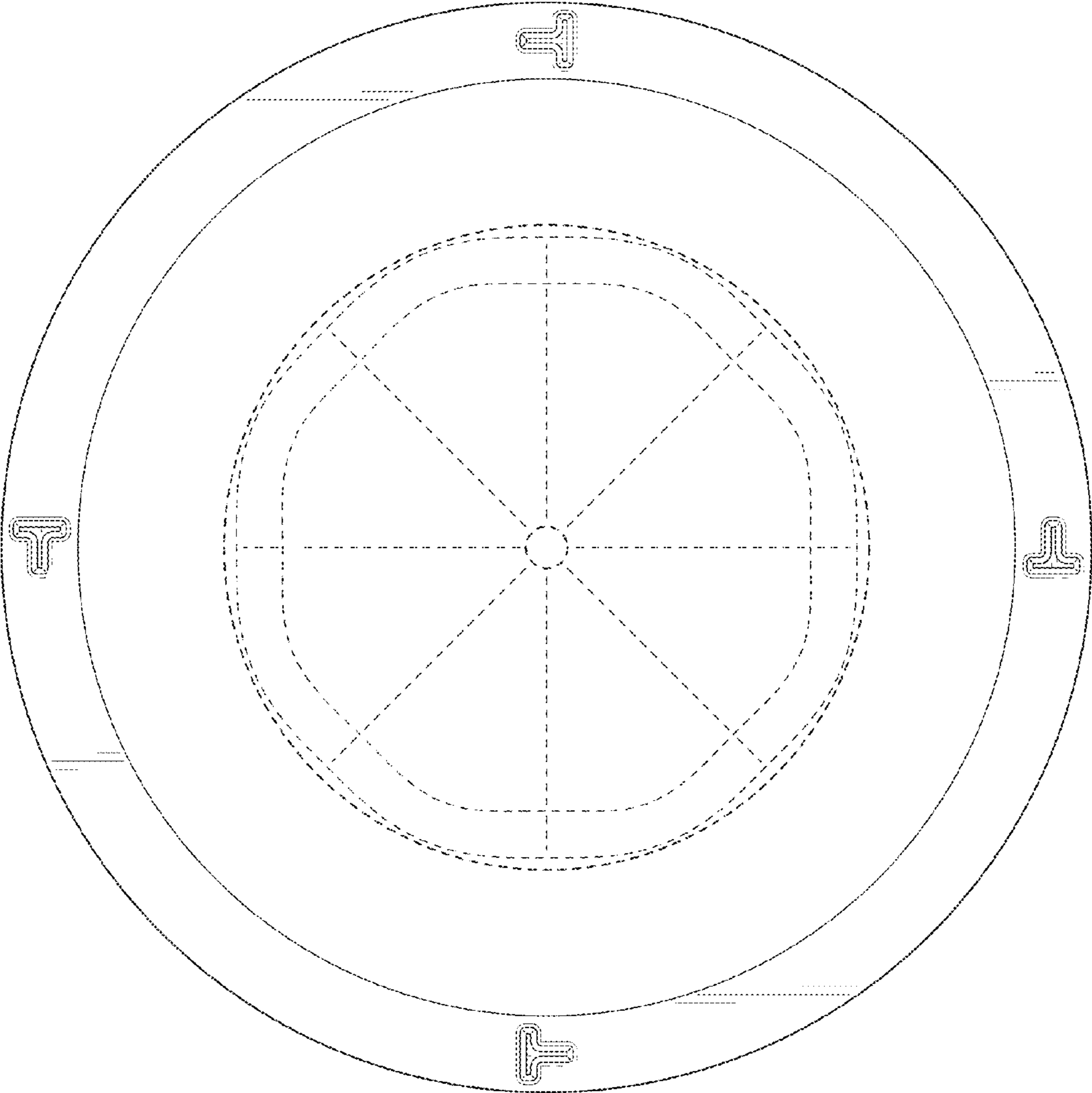


FIG. 27

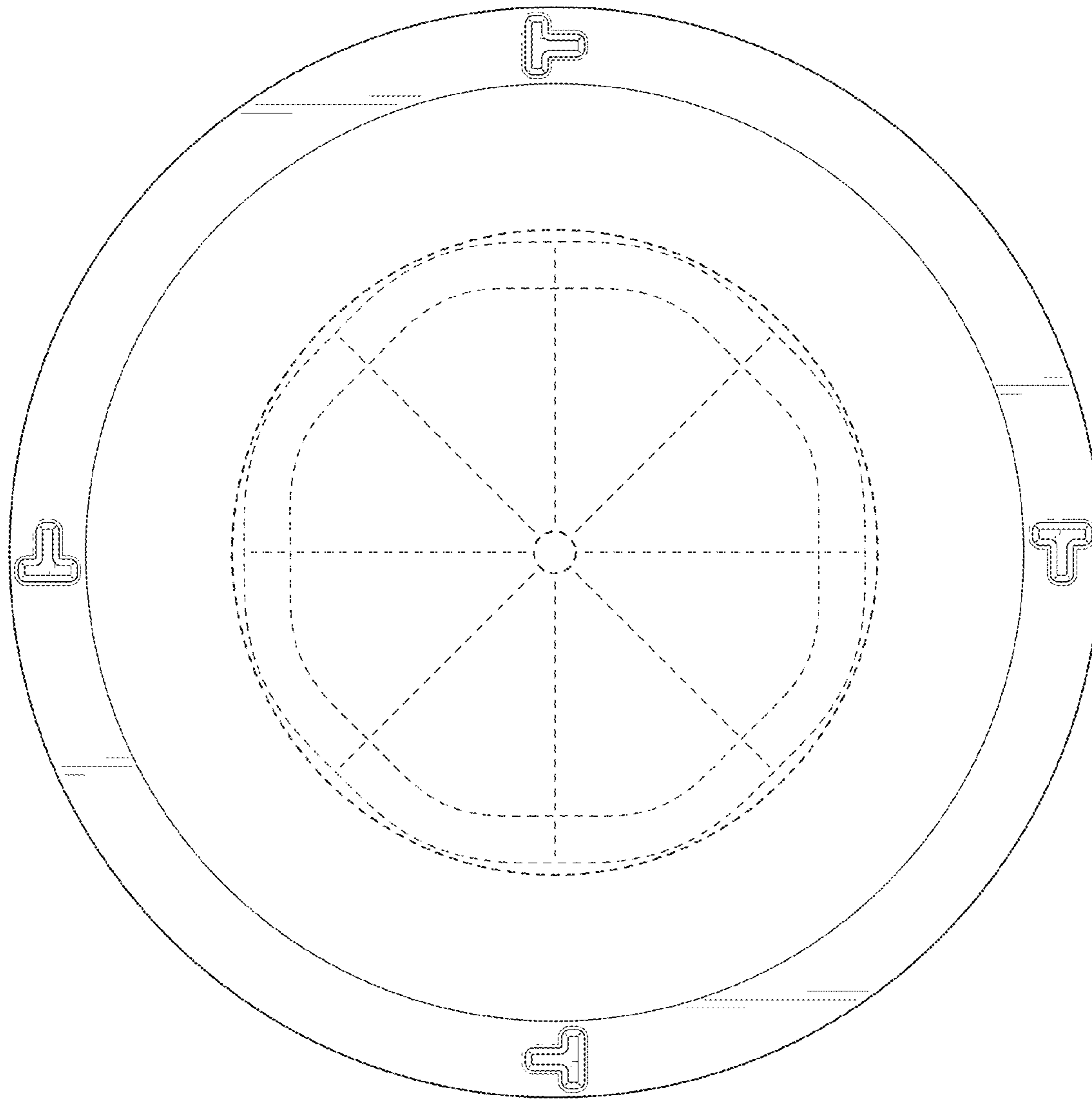


FIG. 28

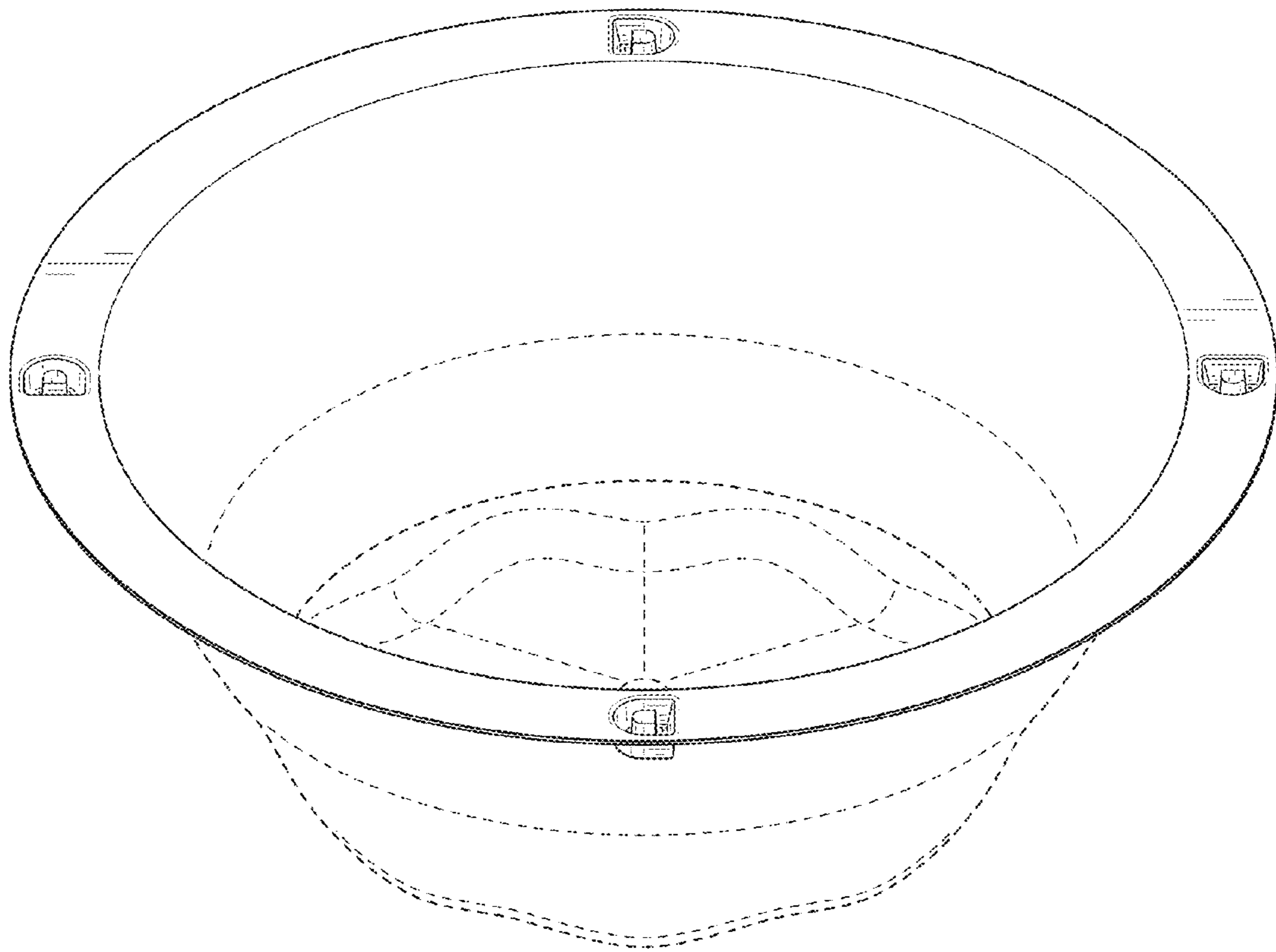


FIG. 29

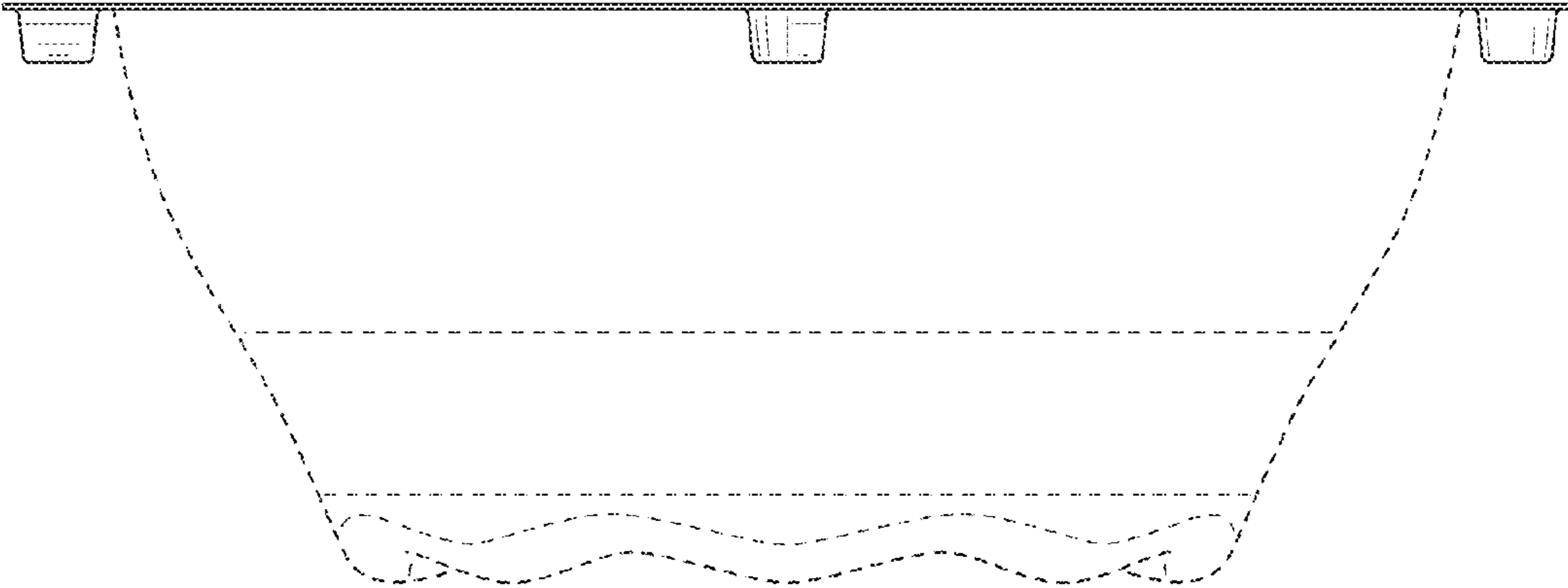


FIG. 30

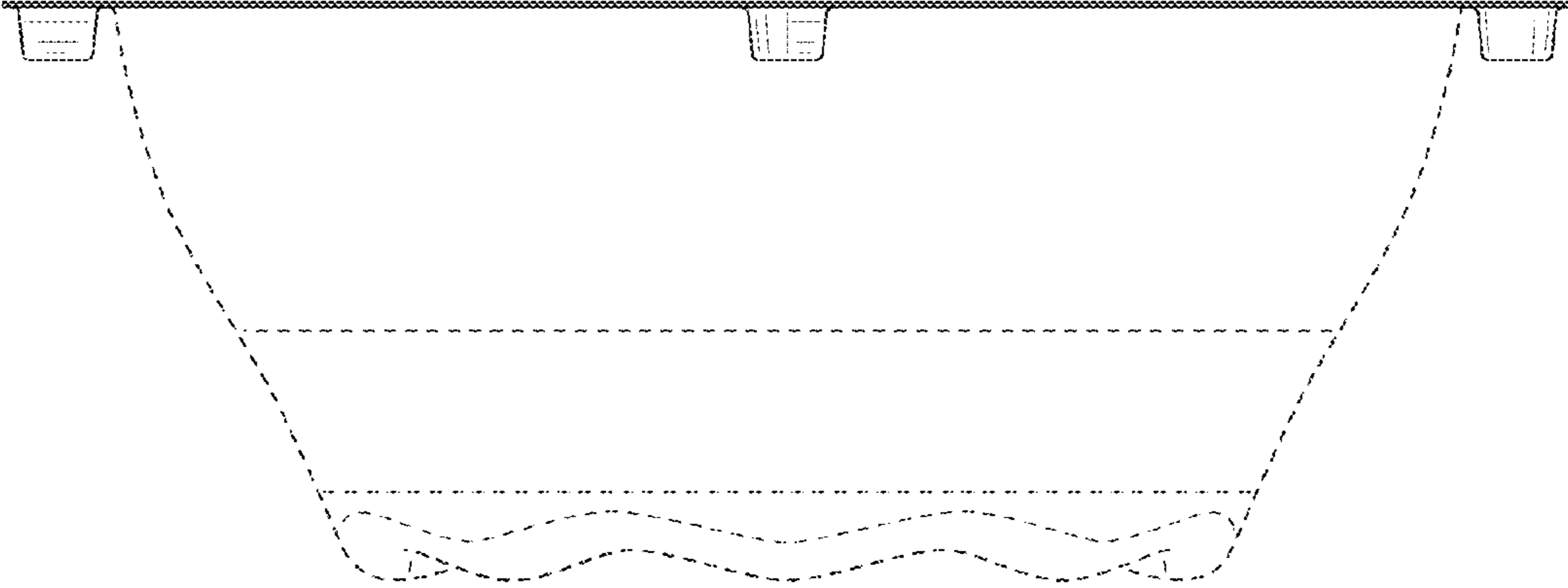


FIG. 31



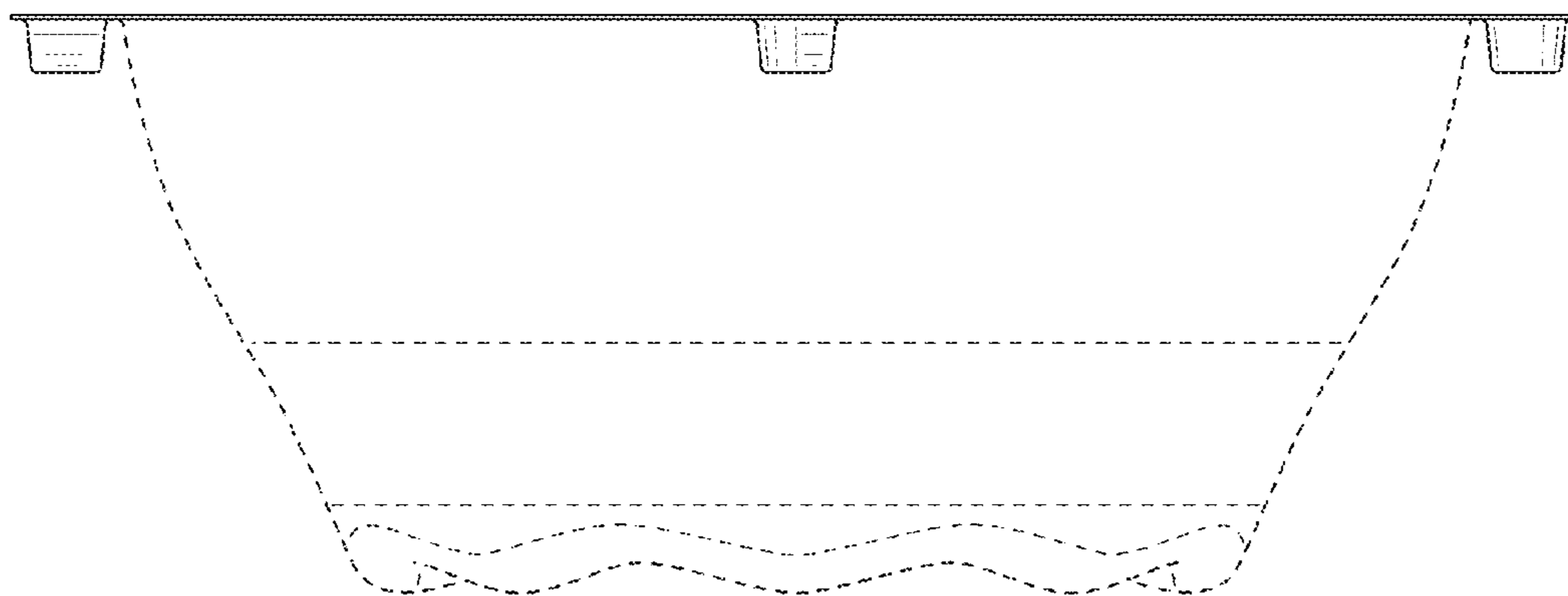


FIG. 32

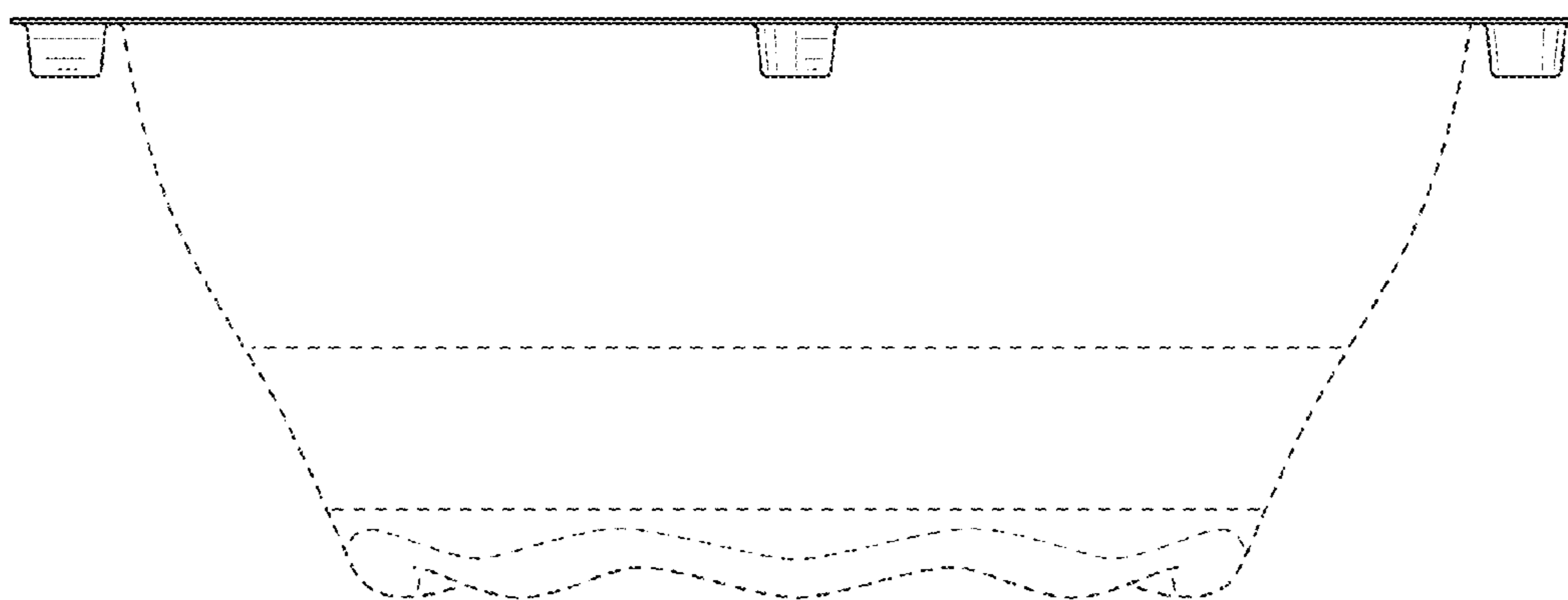


FIG. 33

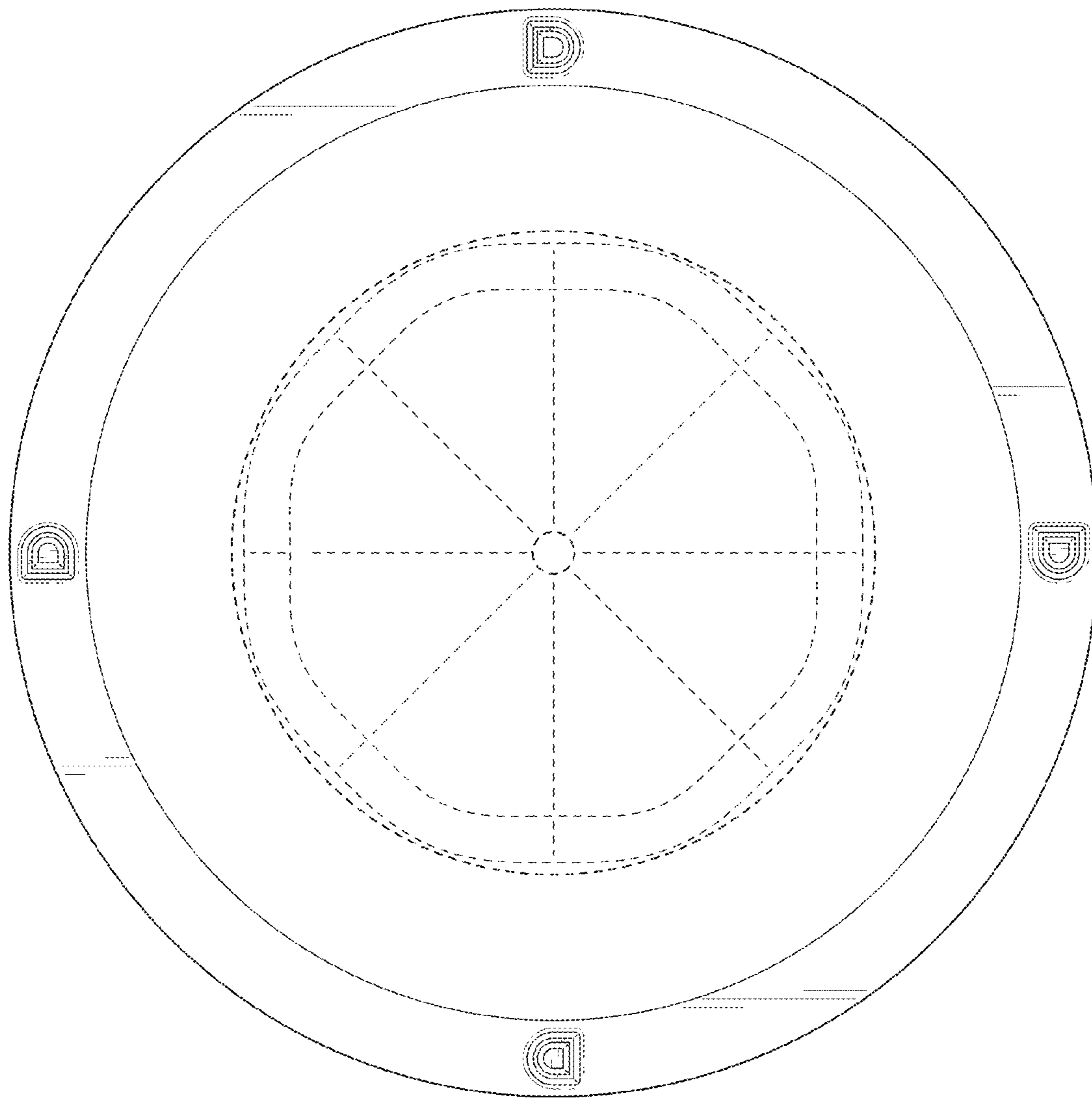


FIG. 34

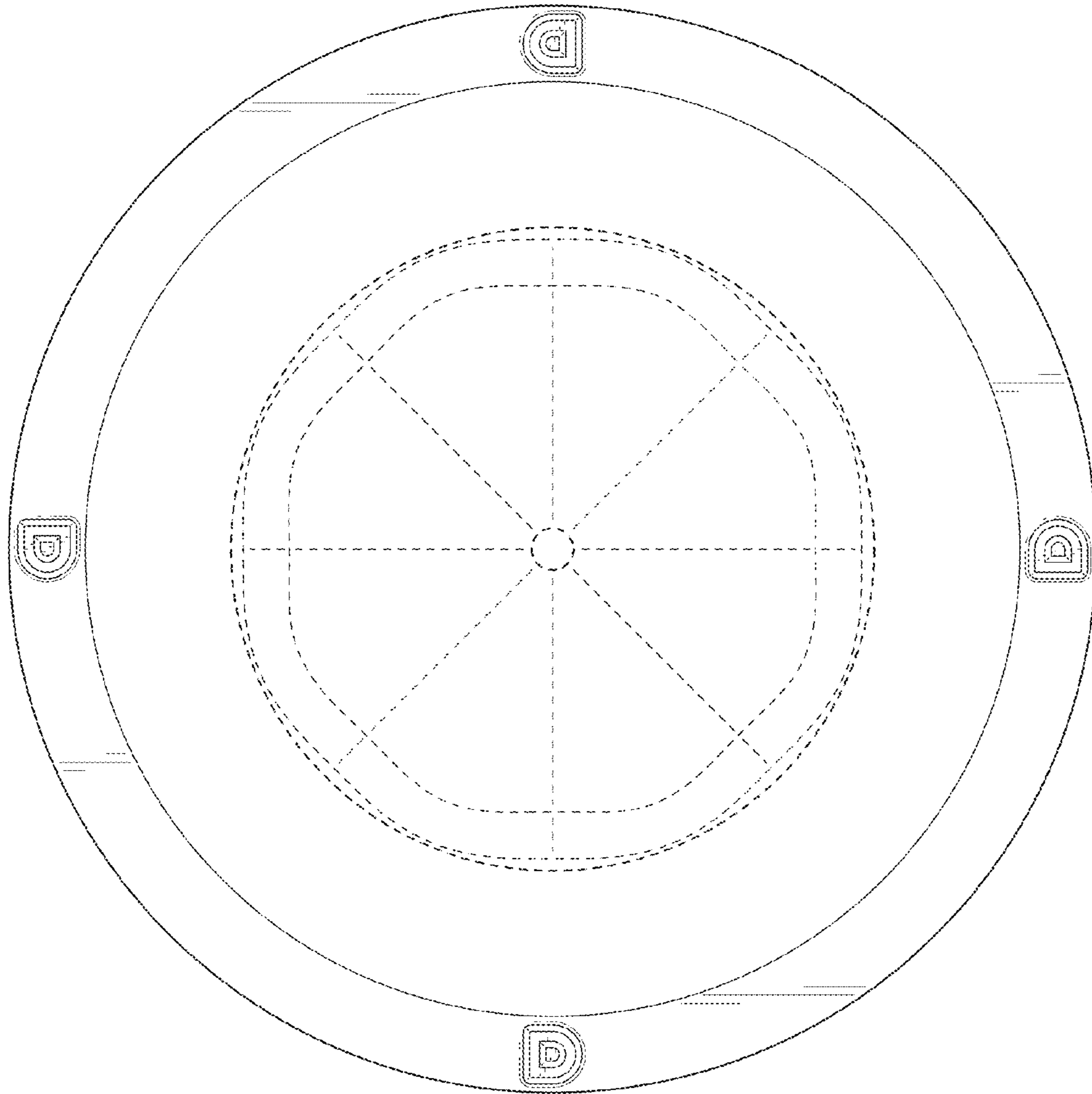


FIG. 35

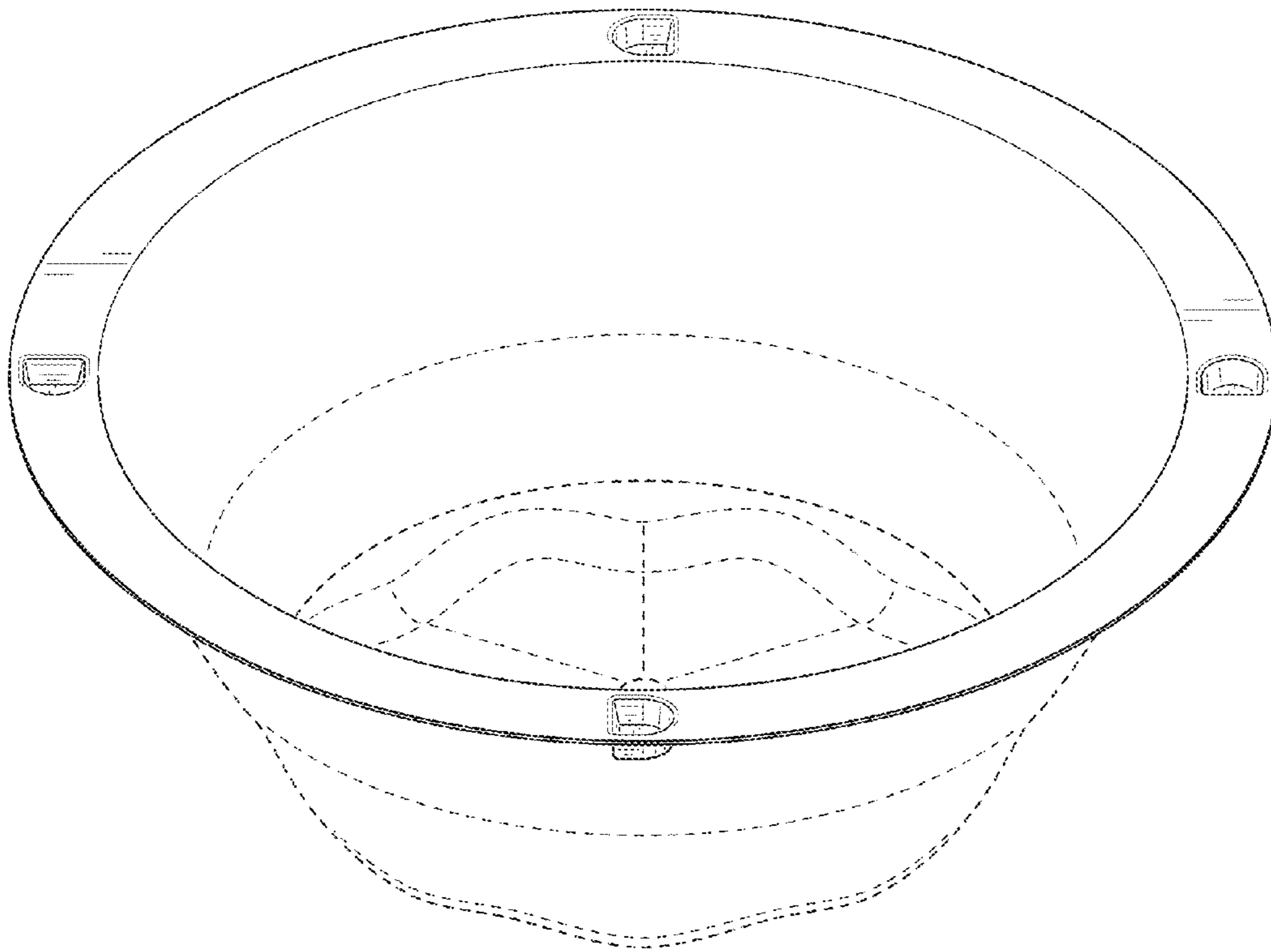


FIG. 36

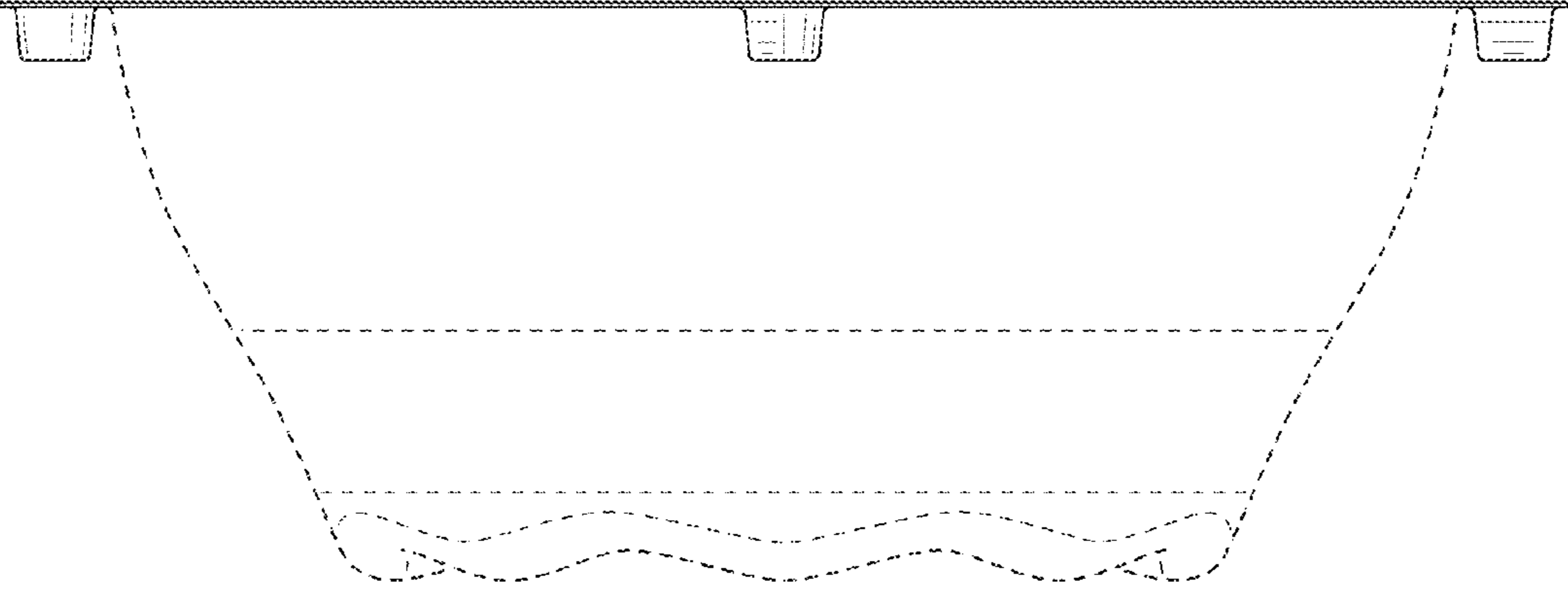


FIG. 37

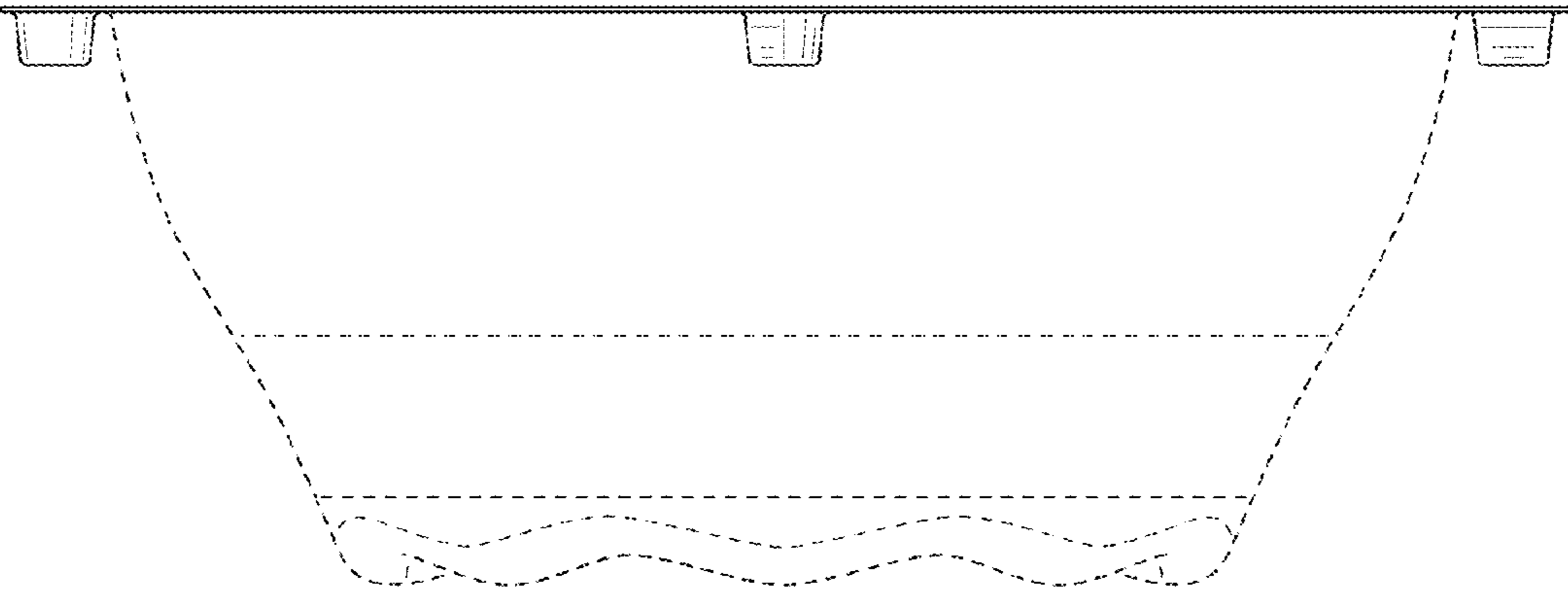


FIG. 38

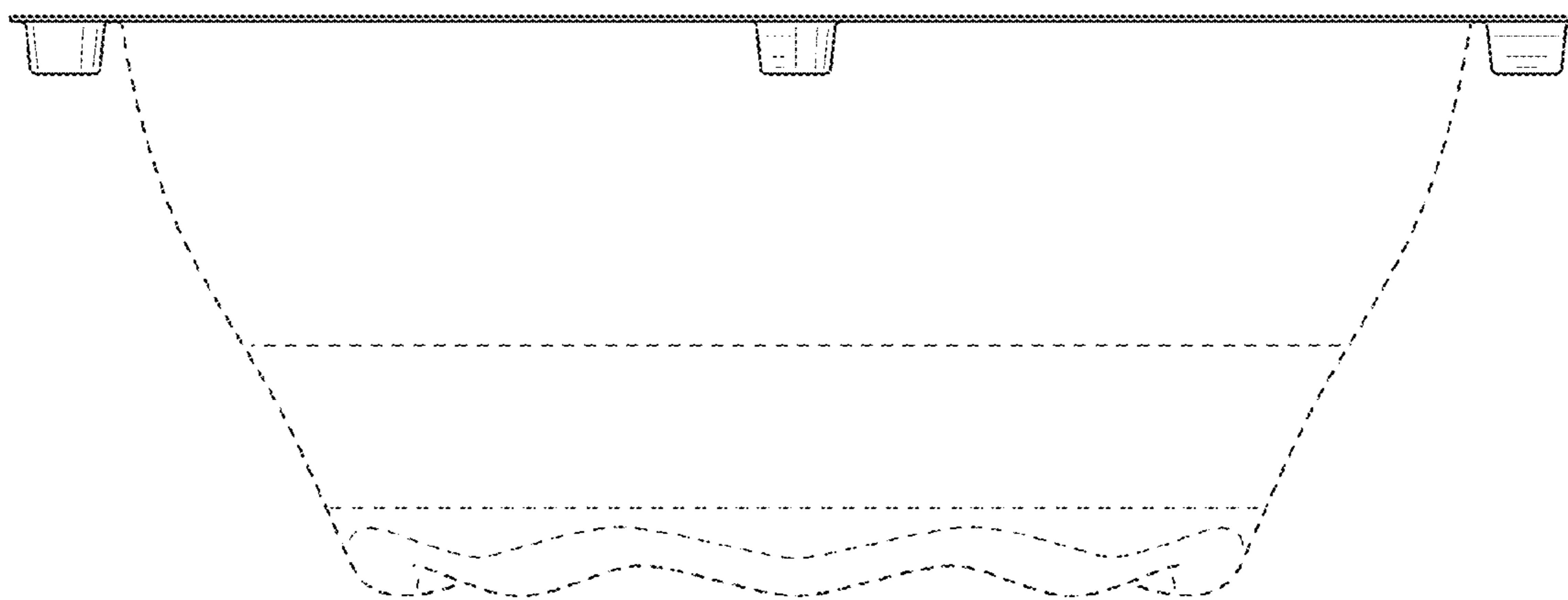


FIG. 39

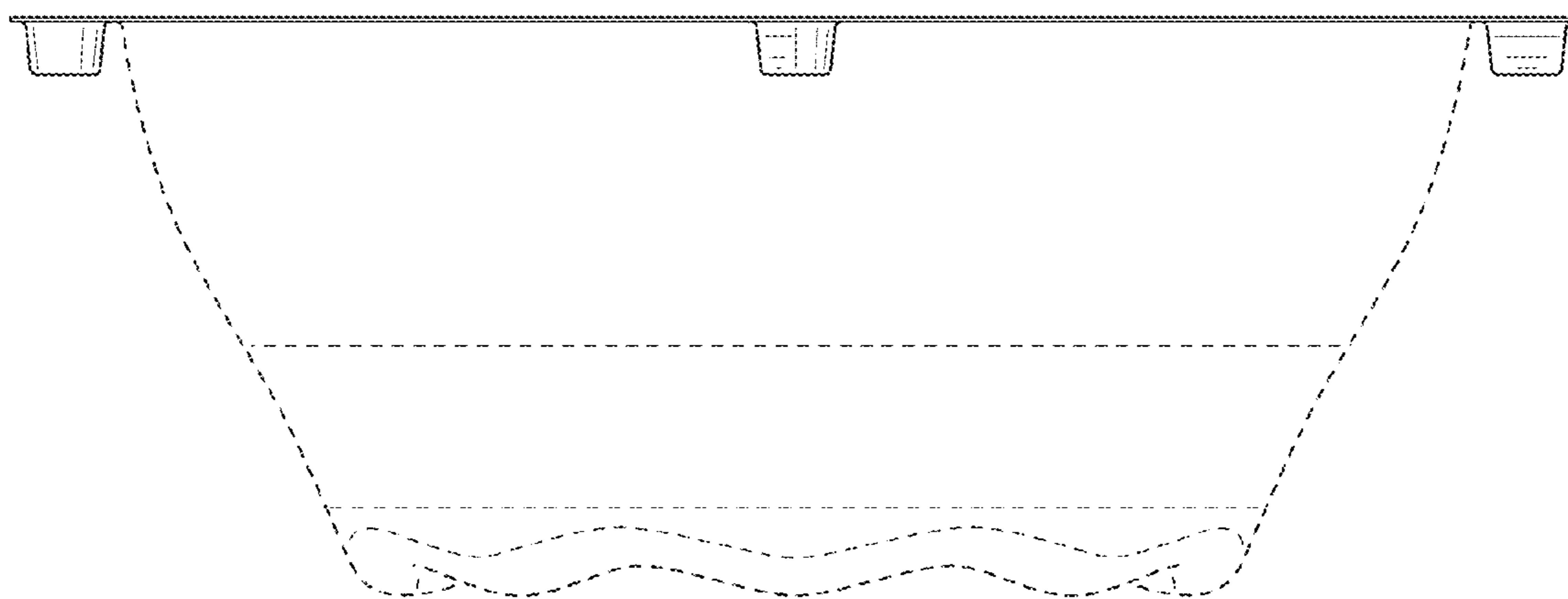


FIG. 40

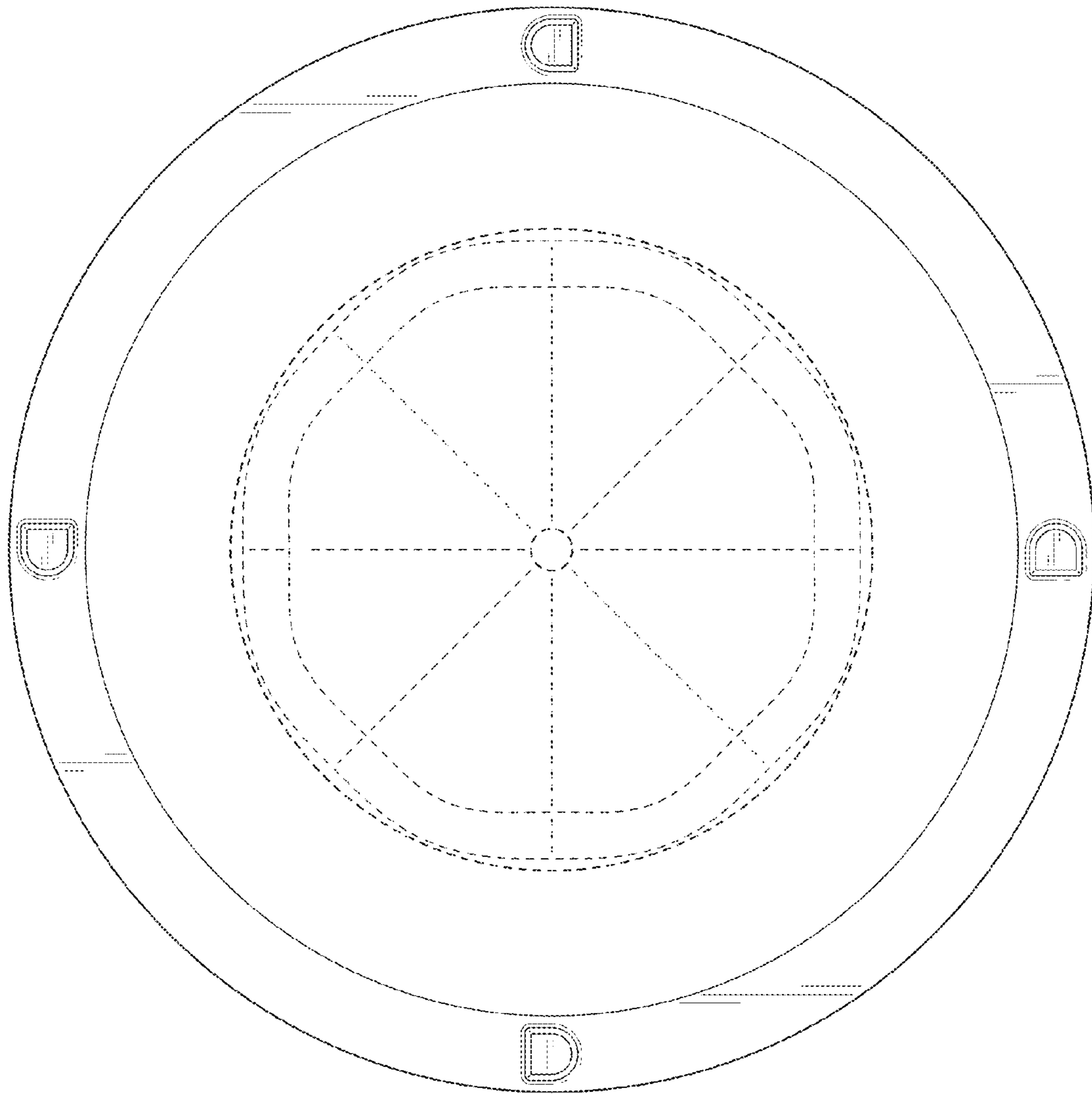


FIG. 41

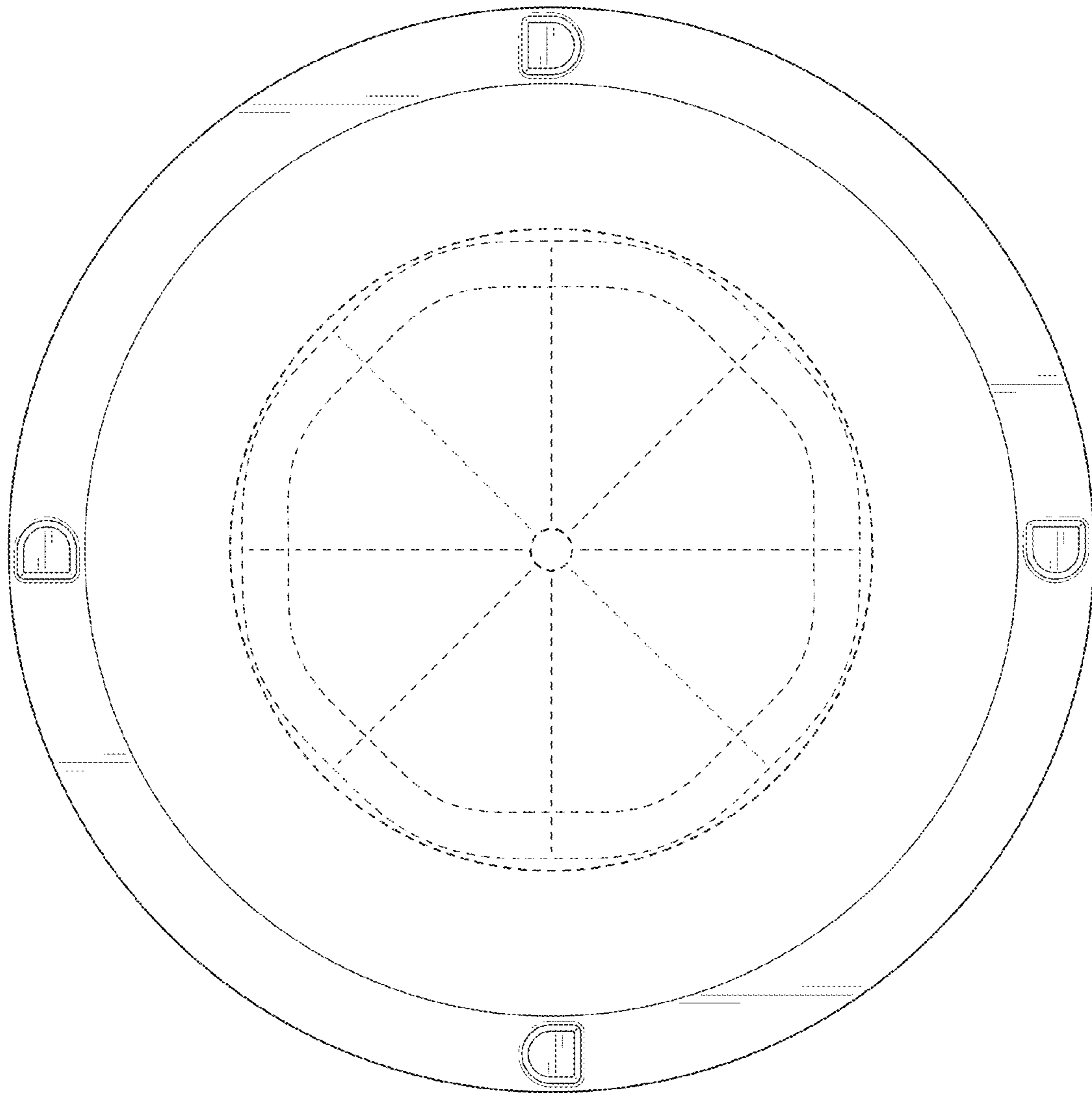


FIG. 42