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

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(54) **CAP FOR HUMIDIFIER**  
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(\*\*) Term: **15 Years**

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(30) **Foreign Application Priority Data**

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(51) **LOC (11) Cl.** ..... **23-02**  
(52) **U.S. Cl.**  
USPC ..... **D23/356**

(58) **Field of Classification Search**  
USPC ..... D23/355-366, 352, 369, 332, 333, 335, D23/336, 342, 351; 422/120, 122; 55/356, 473, 504; 96/97; D14/172; 261/DIG. 17, DIG. 65, DIG. 88, DIG. 31  
CPC ..... B01L 7/52; B01L 2300/1827; B22F 2999/00; Y10T 436/25; C12Q 1/68  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

4,154,251 A \* 5/1979 Doyel ..... B01D 50/00  
131/231  
D280,927 S \* 10/1985 Iwasaki ..... D23/366  
D393,641 S \* 4/1998 Hai-Fu ..... D14/216  
D455,486 S \* 4/2002 Makino ..... D23/366

D542,779 S \* 5/2007 Pantaleone ..... D14/216  
D590,054 S \* 4/2009 Hasik ..... D23/366  
D614,275 S \* 4/2010 Davis ..... D23/363  
D627,453 S \* 11/2010 Ko ..... D23/366  
2003/0231991 A1\* 12/2003 Stanley, III ..... A61L 9/03  
422/126  
2005/0214180 A1\* 9/2005 Joannou ..... B03C 3/12  
422/186.04  
2013/0328223 A1\* 12/2013 Sharma ..... A01M 1/2033  
261/104  
2015/0342172 A1\* 12/2015 Sharma ..... A61L 9/03  
43/124  
2015/0374039 A1\* 12/2015 Zhu ..... A24F 47/008  
131/329

\* cited by examiner

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(57) **CLAIM**

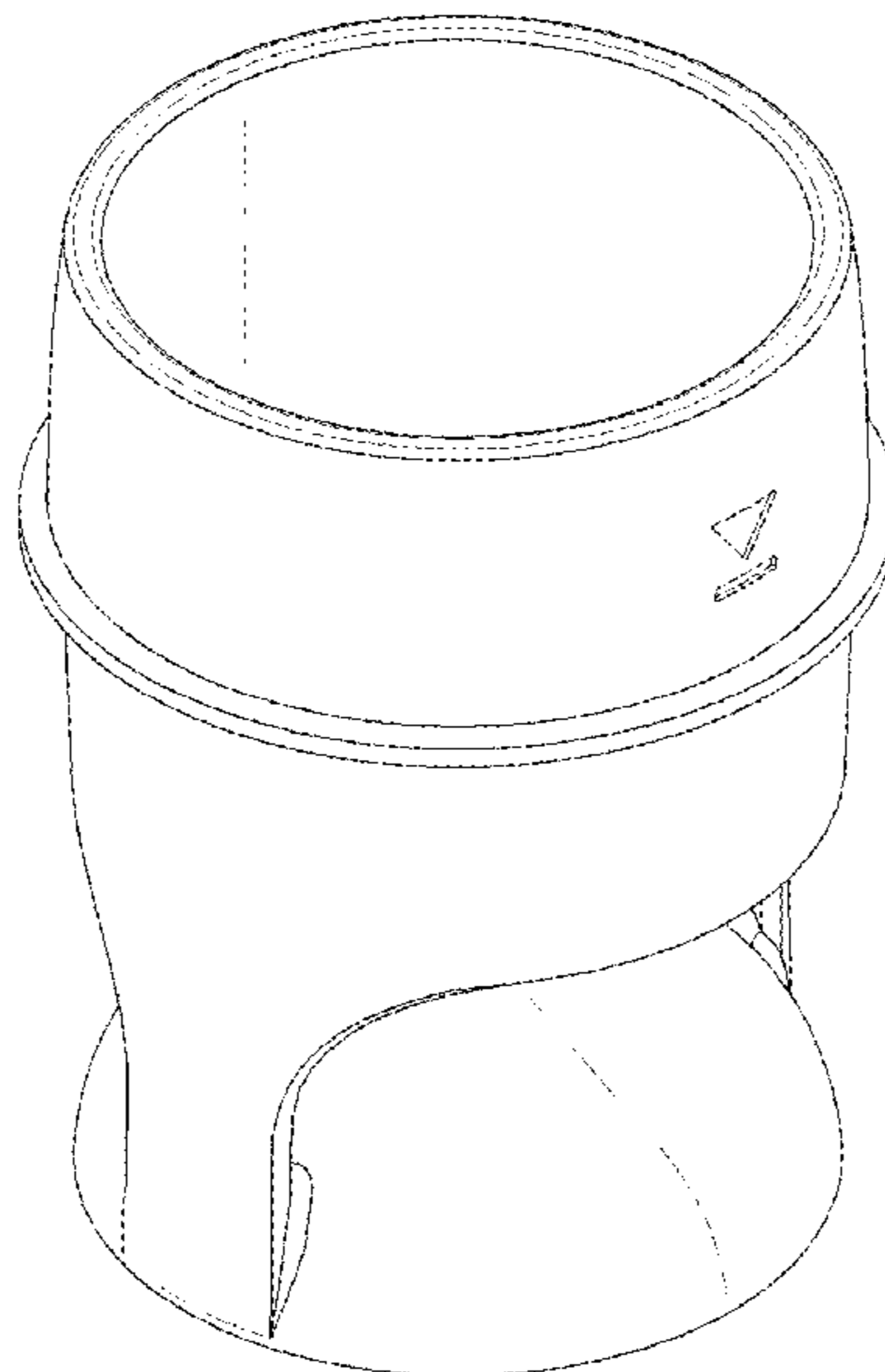
We claim the ornamental design for a cap for humidifier, as shown and described.

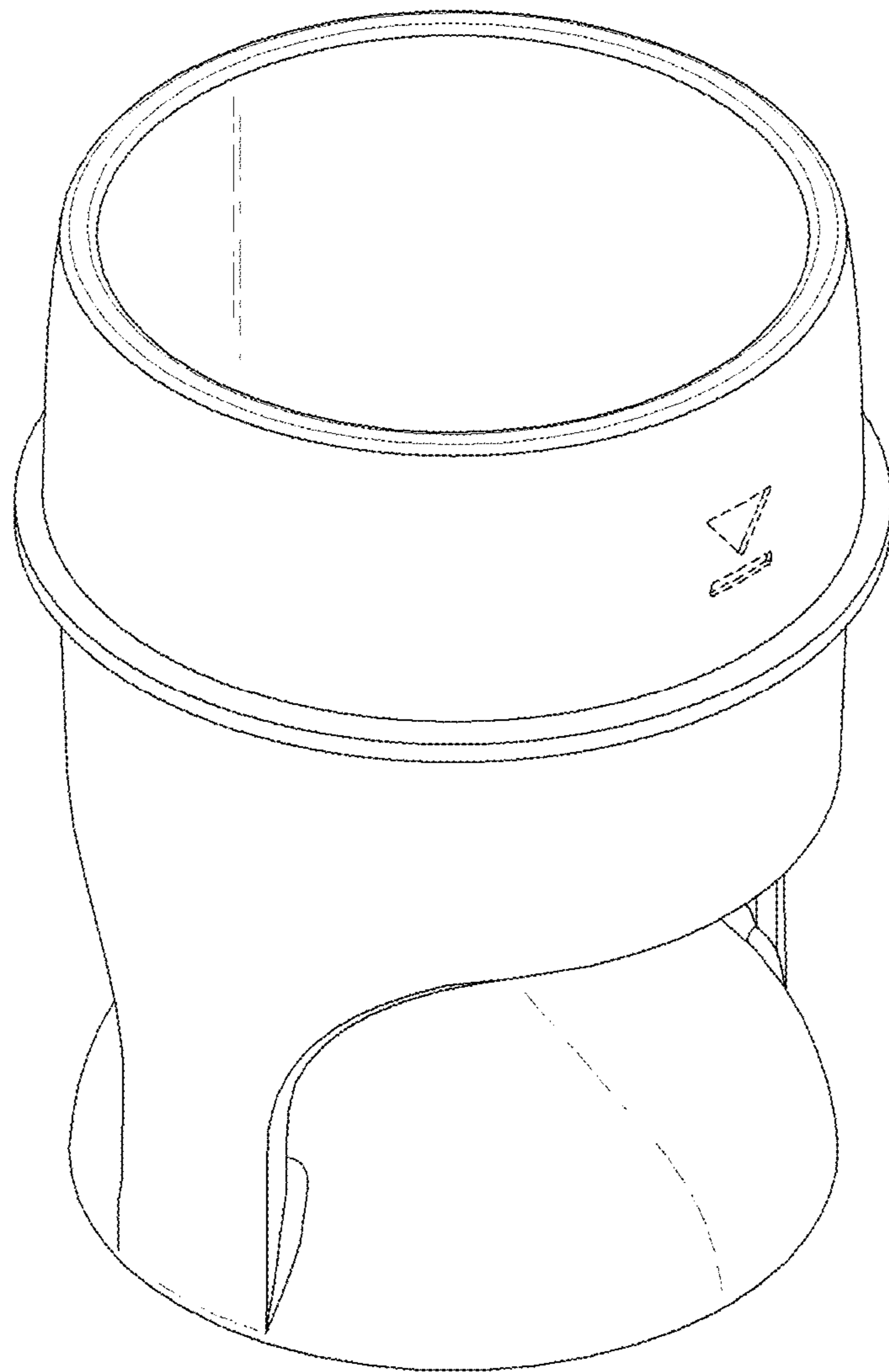
**DESCRIPTION**

FIG. 1 is a perspective view of a cap for humidifier according to our new design;  
FIG. 2 is a front elevational view thereof;  
FIG. 3 is a rear elevational view thereof;  
FIG. 4 is a left side elevational view thereof;  
FIG. 5 is a right side elevational view thereof;  
FIG. 6 is a top plan view thereof;  
FIG. 7 is a bottom plan view thereof; and,  
FIG. 8 is a cross-sectional view taken along line 8-8' of FIG. 5.

Broken lines shown in the drawings form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**





**FIG. 1**

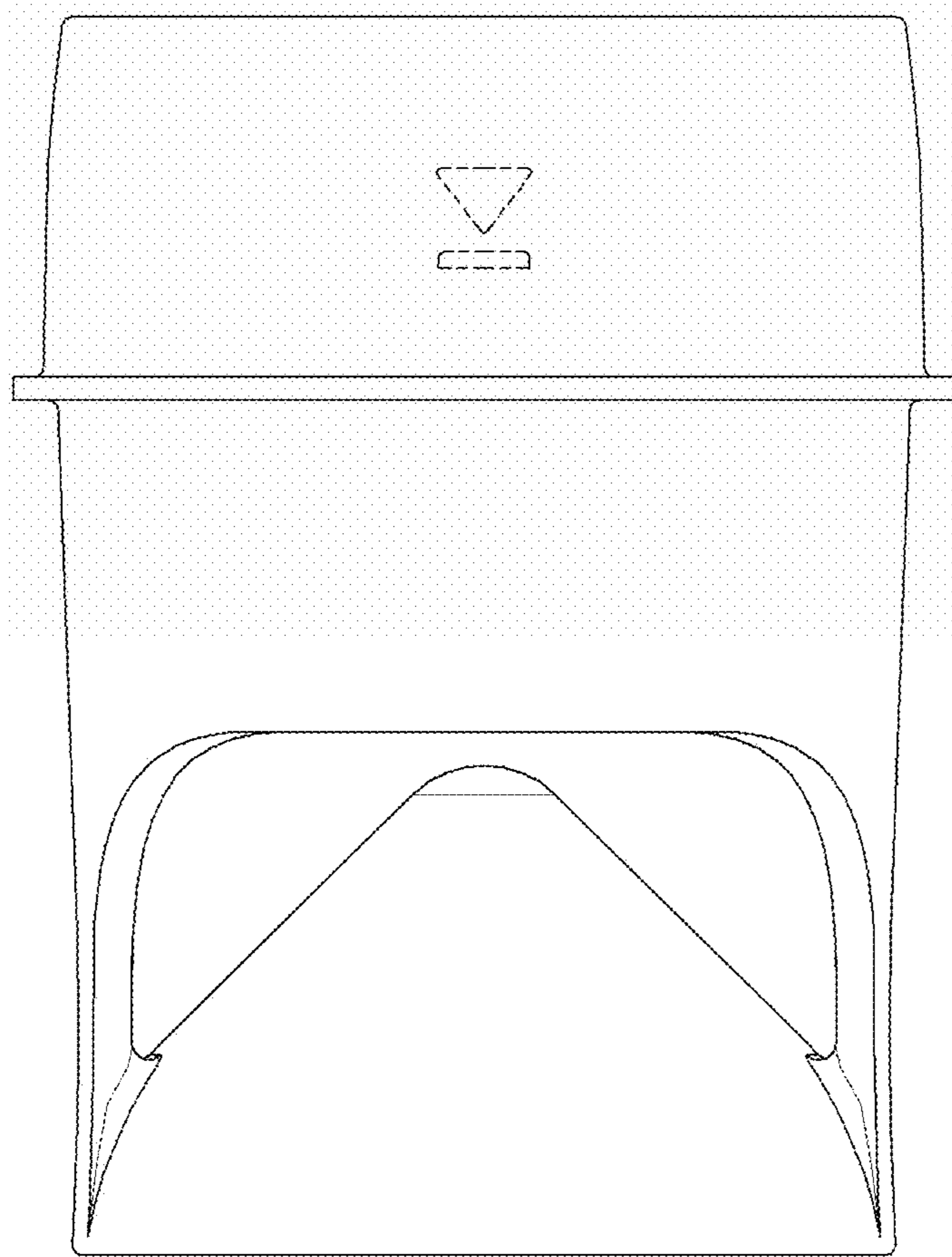


FIG. 2

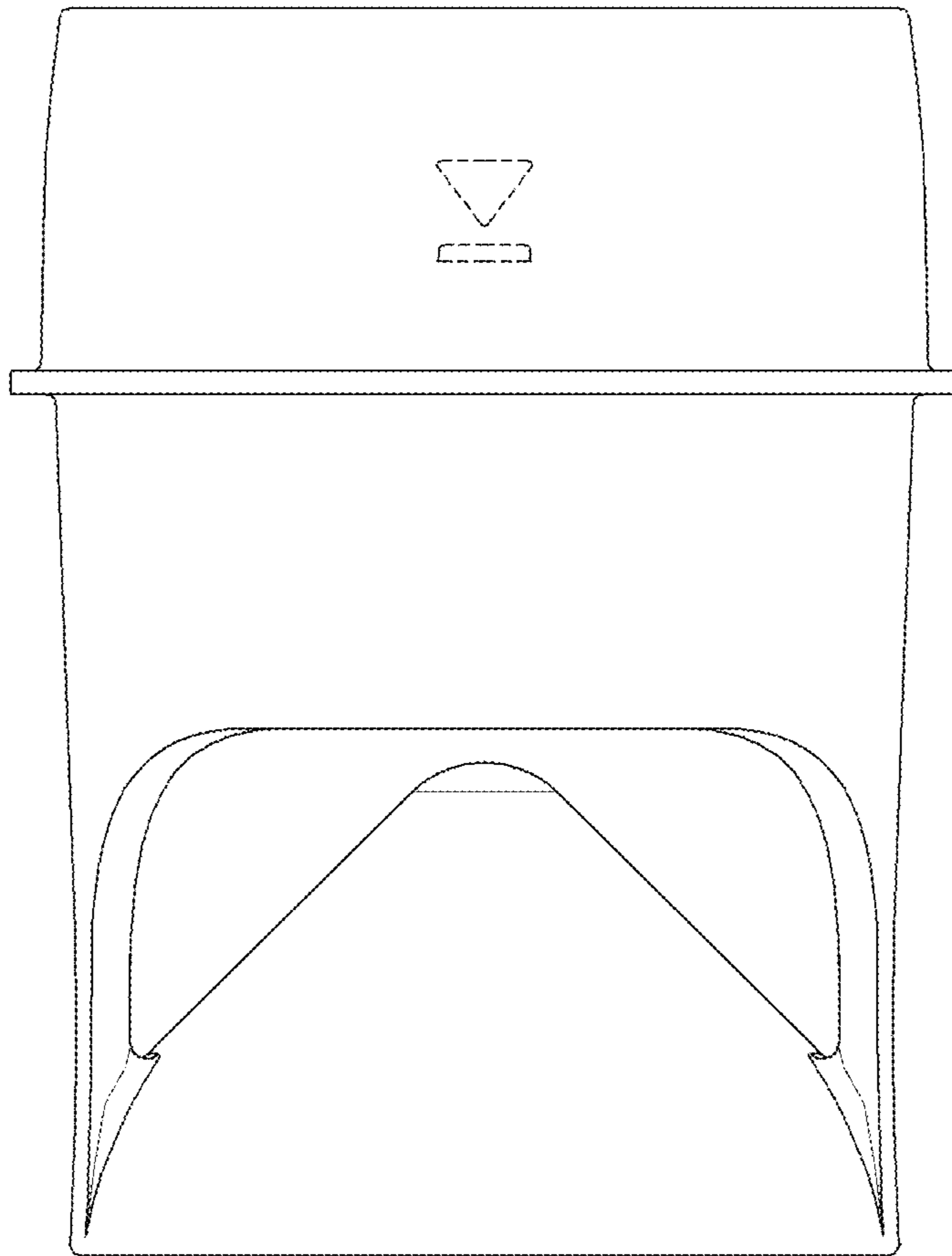
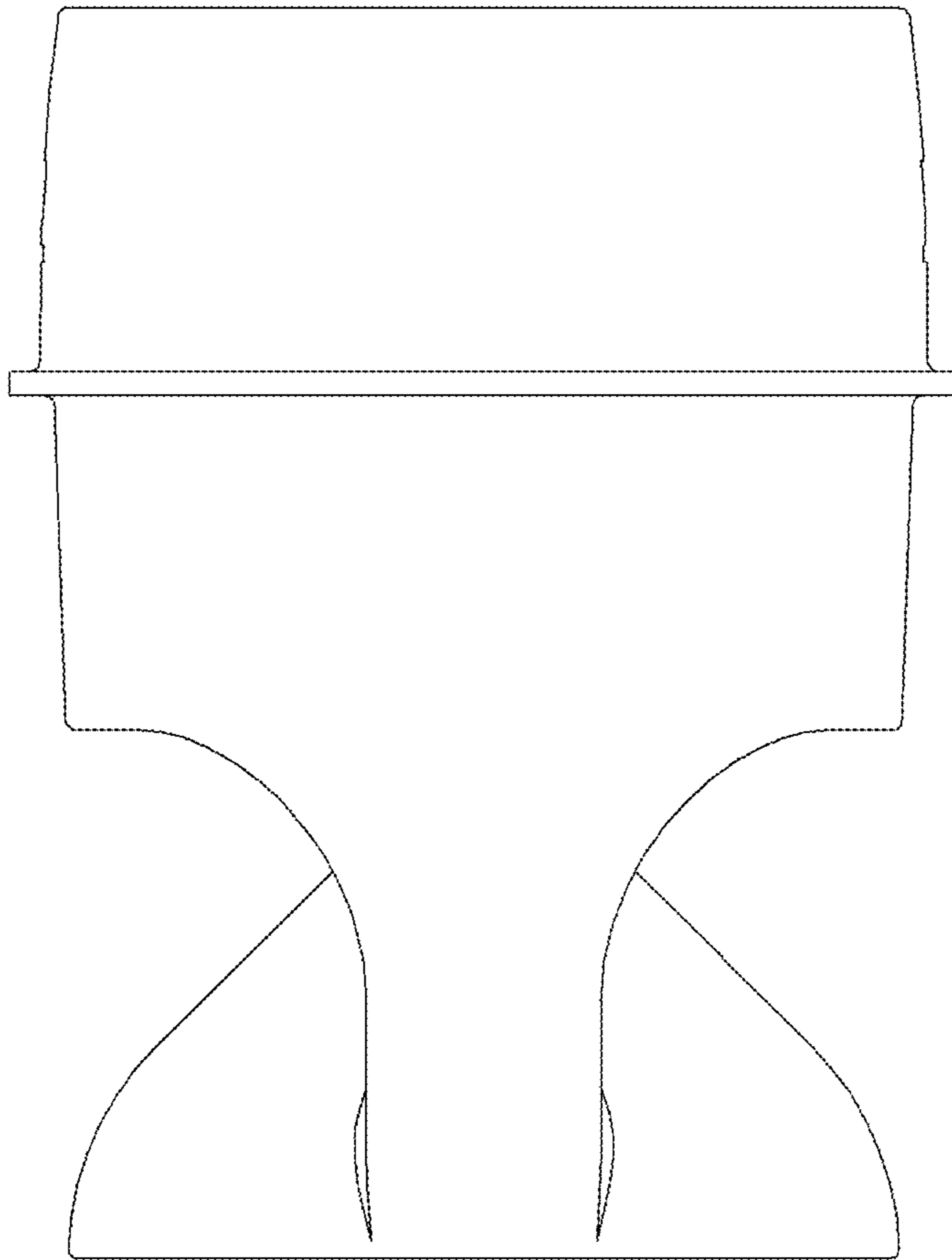
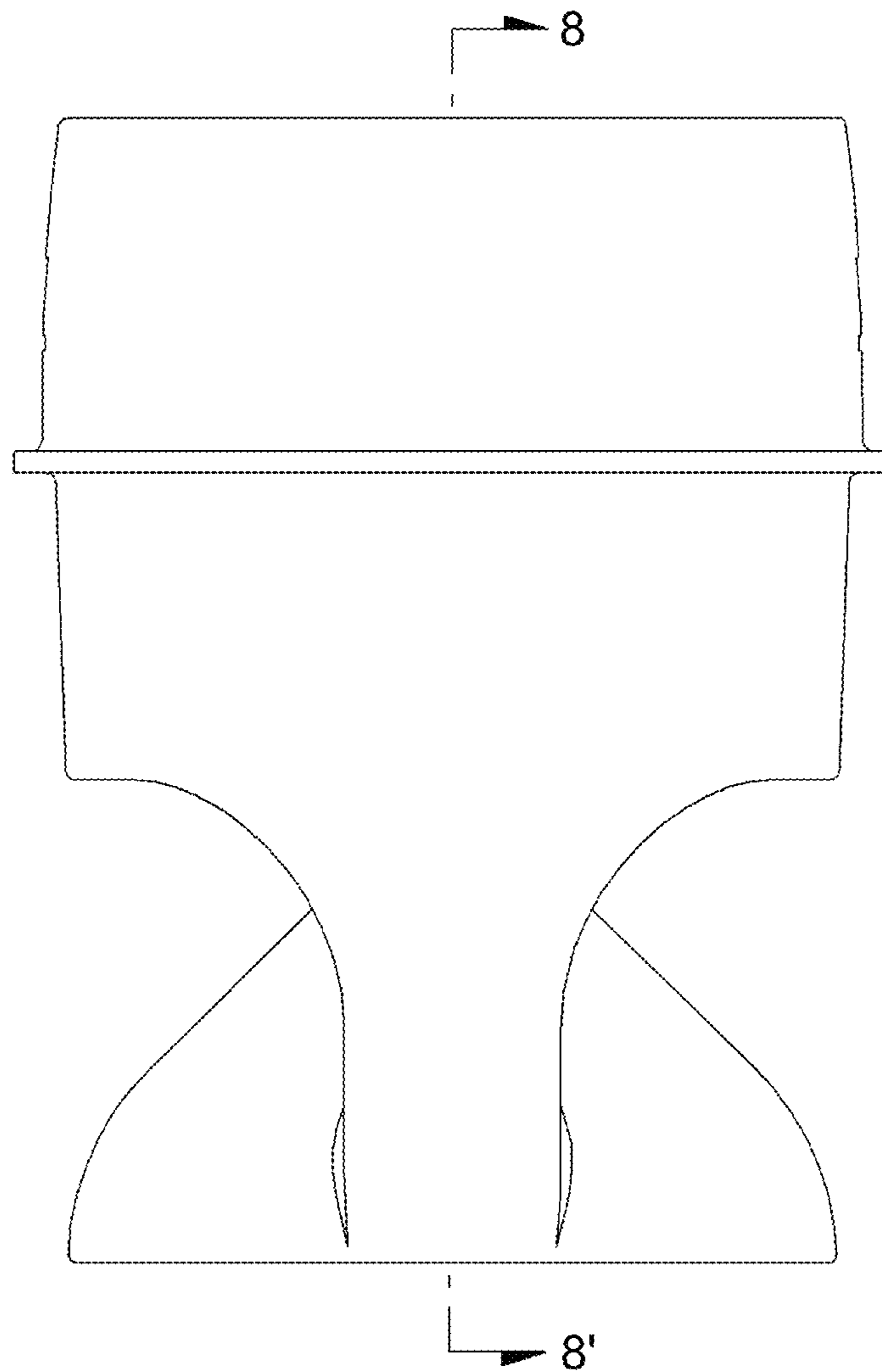


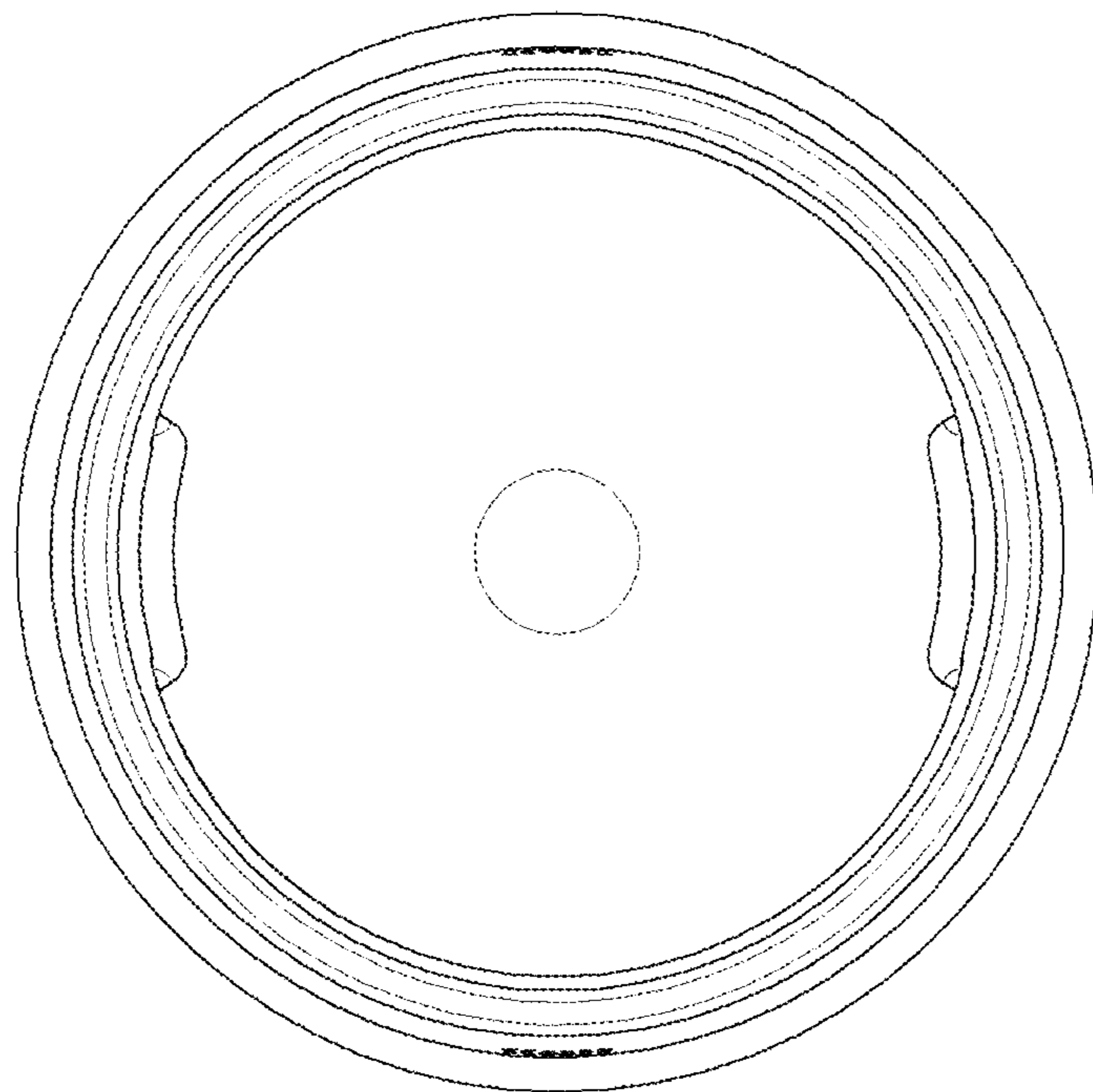
FIG. 3



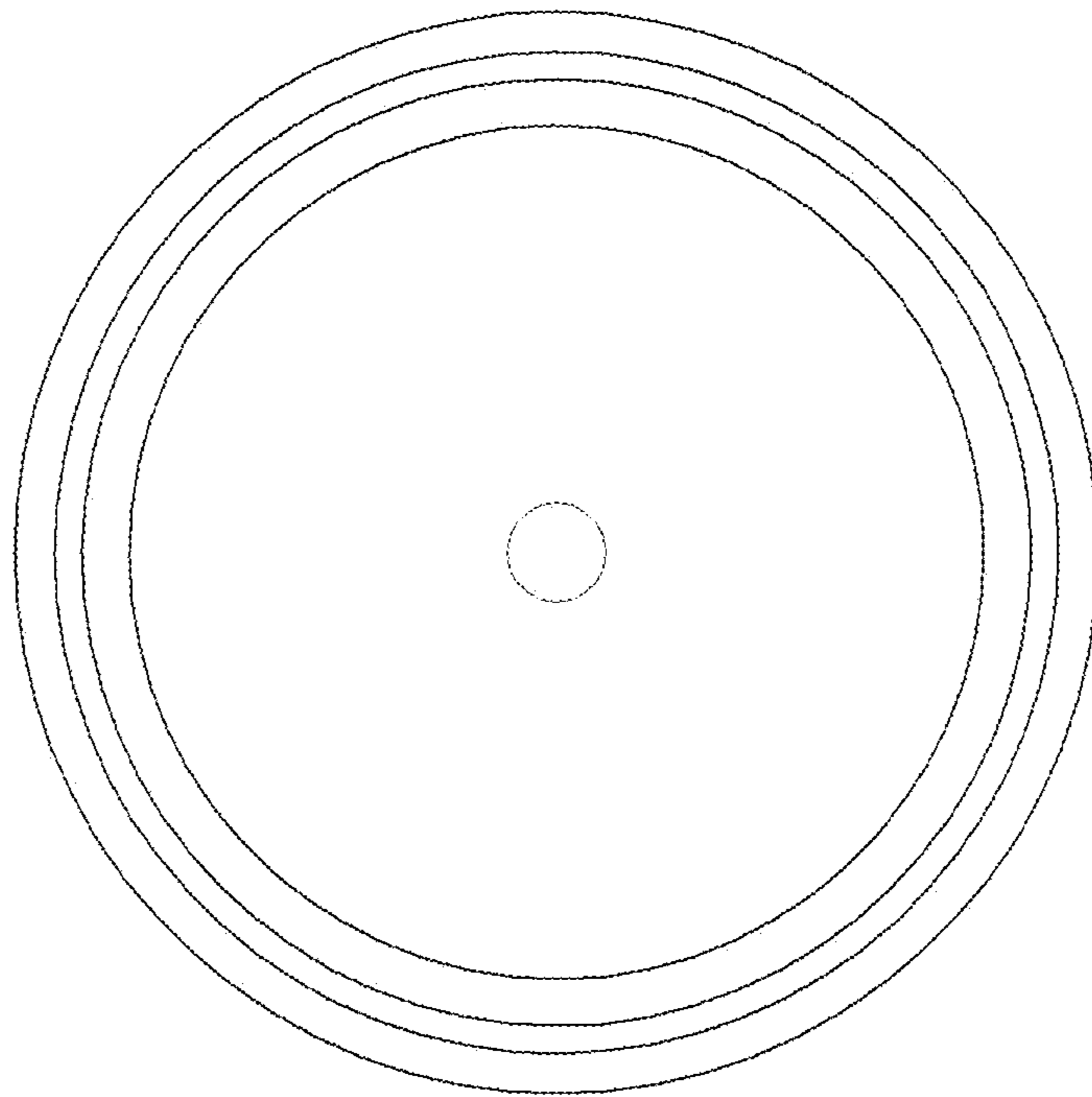
**FIG. 4**



**FIG. 5**



**FIG. 6**



**FIG. 7**



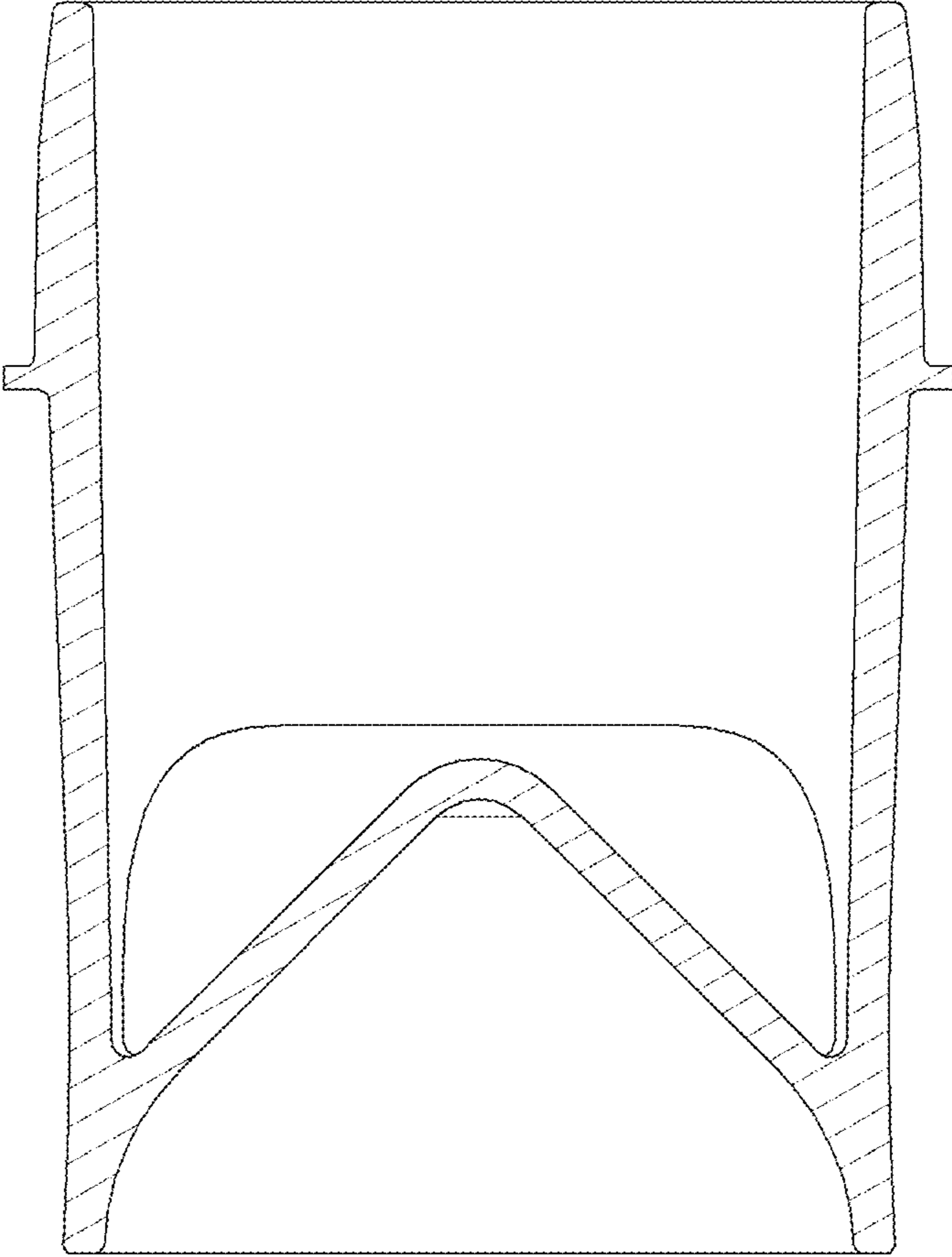


FIG. 8