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

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(54) **SPOUT OF TRAVEL MUG**

(71) Applicant: **Tien-Chang Hsu**, Taipei (TW)

(72) Inventor: **Tien-Chang Hsu**, Taipei (TW)

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

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(52) **U.S. Cl.**  
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D7/400, 398, 213, 393, 394, 397, 514,  
D7/515, 389, 581, 401.1, 602, 600.1, 387,  
D7/524, 528; 220/200, 703; D9/434,  
D9/435, 436, 447, 448, 635, 440, 439,  
D9/450, 446, 443; D24/197; D23/255  
CPC .... B65D 41/56; B65D 41/04; B65D 41/0414;  
A47J 43/27; A45F 3/16; A61J 11/02;  
A61J 9/02; A61J 11/045  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

3,272,202 A \* 9/1966 Hurtado Soto ..... A61J 9/008  
215/11.6  
4,787,538 A \* 11/1988 Fattori ..... B65D 47/2025  
222/511  
D346,020 S \* 4/1994 Kellogg ..... D23/387  
D356,625 S \* 3/1995 Petrucci ..... D23/209  
D380,935 S \* 7/1997 Enomoto ..... D7/392.1  
D381,243 S \* 7/1997 Goto ..... D7/392  
D432,916 S \* 10/2000 Drinkwater ..... D18/43  
D448,974 S \* 10/2001 Hydak ..... D7/387  
D451,805 S \* 12/2001 Mace ..... D9/440  
D457,779 S \* 5/2002 Gullickson ..... D7/392.1  
6,427,864 B1 \* 8/2002 Asselin ..... B65D 21/0224  
206/217

D567,084 S \* 4/2008 Batton ..... D9/440  
D569,685 S \* 5/2008 Liu ..... D7/387  
D588,869 S \* 3/2009 Rasmussen ..... D7/387  
D590,933 S \* 4/2009 Vansell ..... D23/393  
7,549,556 B2 \* 6/2009 Miller ..... A47G 19/2272  
137/853  
D607,555 S \* 1/2010 Nishizawa ..... D23/393  
D621,207 S \* 8/2010 Bodum ..... D7/392.1  
D661,544 S \* 6/2012 Enghard ..... D7/213  
D682,617 S \* 5/2013 Miksovsky ..... D7/507  
D734,150 S \* 7/2015 Rigel ..... D9/440  
D738,210 S \* 9/2015 Tanner ..... D9/440  
D745,959 S \* 12/2015 Ertze ..... D23/411  
D751,394 S \* 3/2016 Chartier ..... D9/440  
D767,112 S \* 9/2016 Williams ..... D23/386  
D788,583 S \* 6/2017 Tu ..... D7/392.1  
D794,391 S \* 8/2017 Palin ..... D7/510

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*Primary Examiner* — Jae Liang  
(74) *Attorney, Agent, or Firm* — Chun-Ming Shih;  
LanWay IPR Services

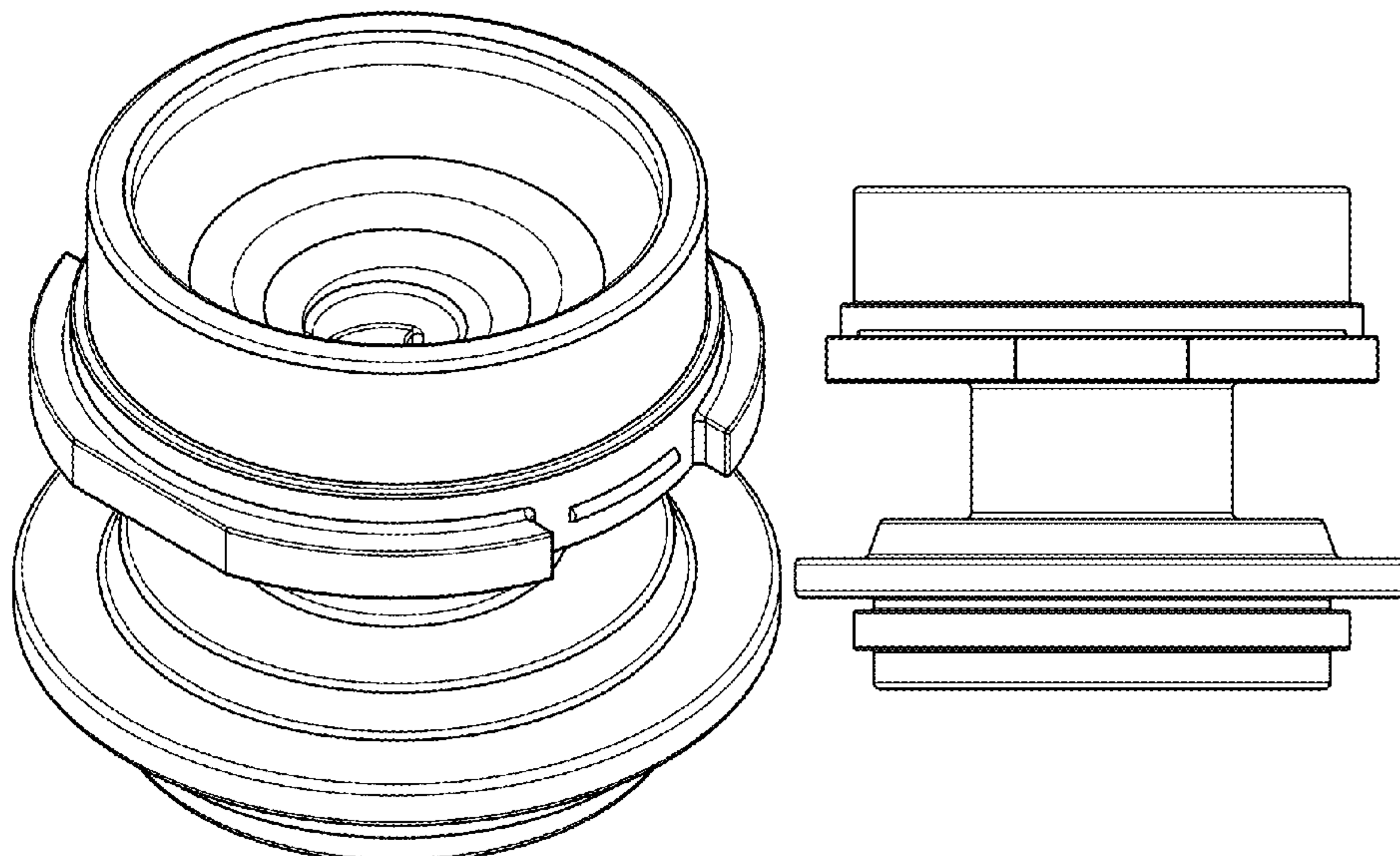
(57) **CLAIM**

The ornamental design for a spout of travel mug, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a spout of travel mug showing my 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 an environmental perspective view thereof.  
The broken lines in the drawings depict environmental subject matter and portions of the spout of travel mug that form no part of the claimed design.

**1 Claim, 5 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D795,644 S \* 8/2017 Cortadellas ..... D7/510  
D799,958 S \* 10/2017 Butruille ..... D9/440  
D819,443 S \* 6/2018 Martinez Carregui ..... D9/440  
D823,114 S \* 7/2018 Johnson ..... D9/447  
D827,364 S \* 9/2018 Rummel ..... D7/392.1  
D828,088 S \* 9/2018 Furneaux ..... D7/396.2  
D834,883 S \* 12/2018 Lane ..... D7/396.2  
D840,223 S \* 2/2019 Marina ..... D9/437  
D840,820 S \* 2/2019 Hwang ..... D9/456  
2008/0169262 A1 \* 7/2008 Ekkert ..... B65D 41/0414  
215/250  
2011/0180535 A1 \* 7/2011 Apps ..... B65D 11/08  
220/254.1  
2015/0114967 A1 \* 4/2015 Brandriff ..... B65D 41/0442  
220/327  
2015/0136773 A1 \* 5/2015 Choi ..... B65D 39/08  
220/255

\* cited by examiner

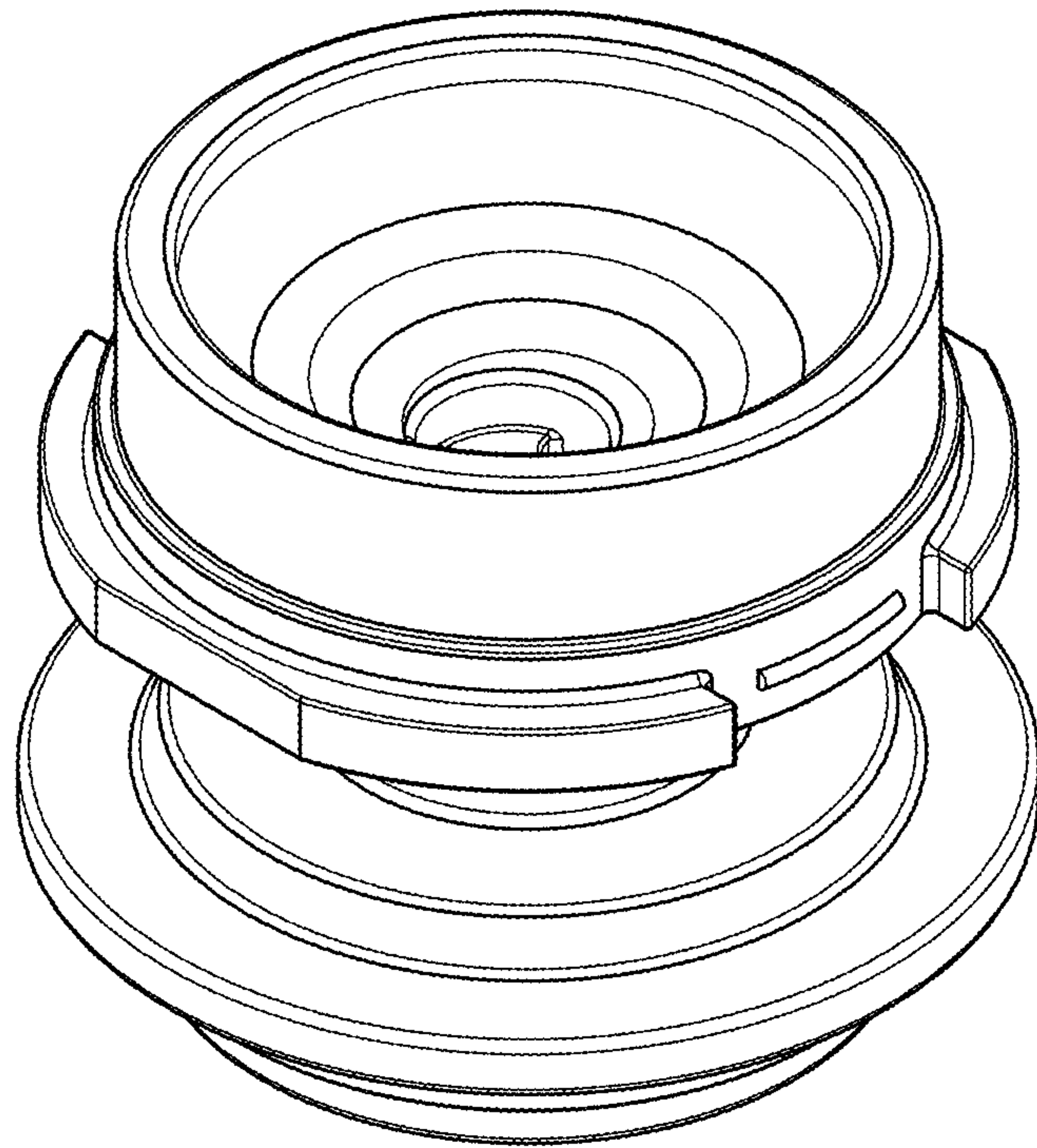


Fig. 1

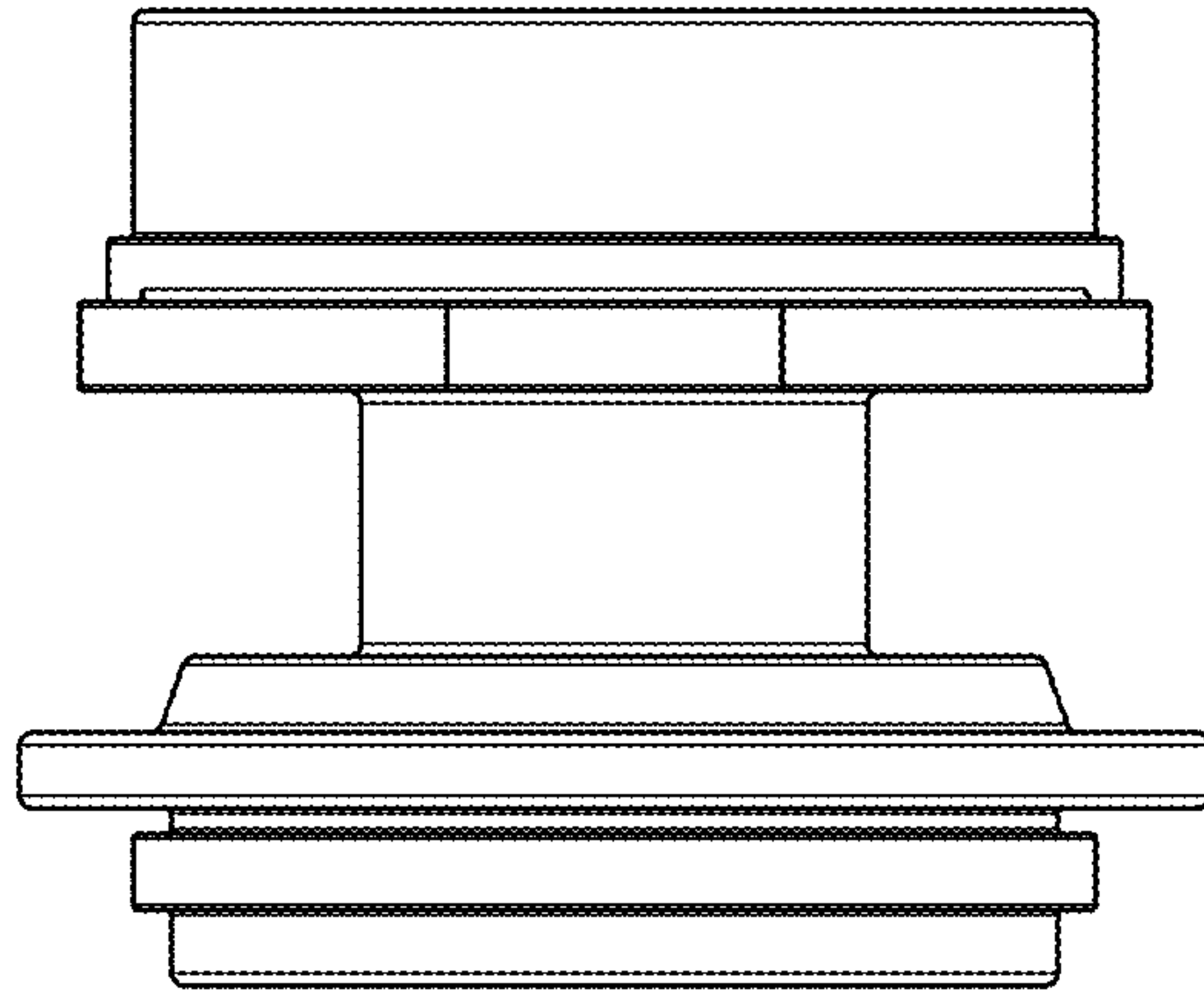


Fig. 2

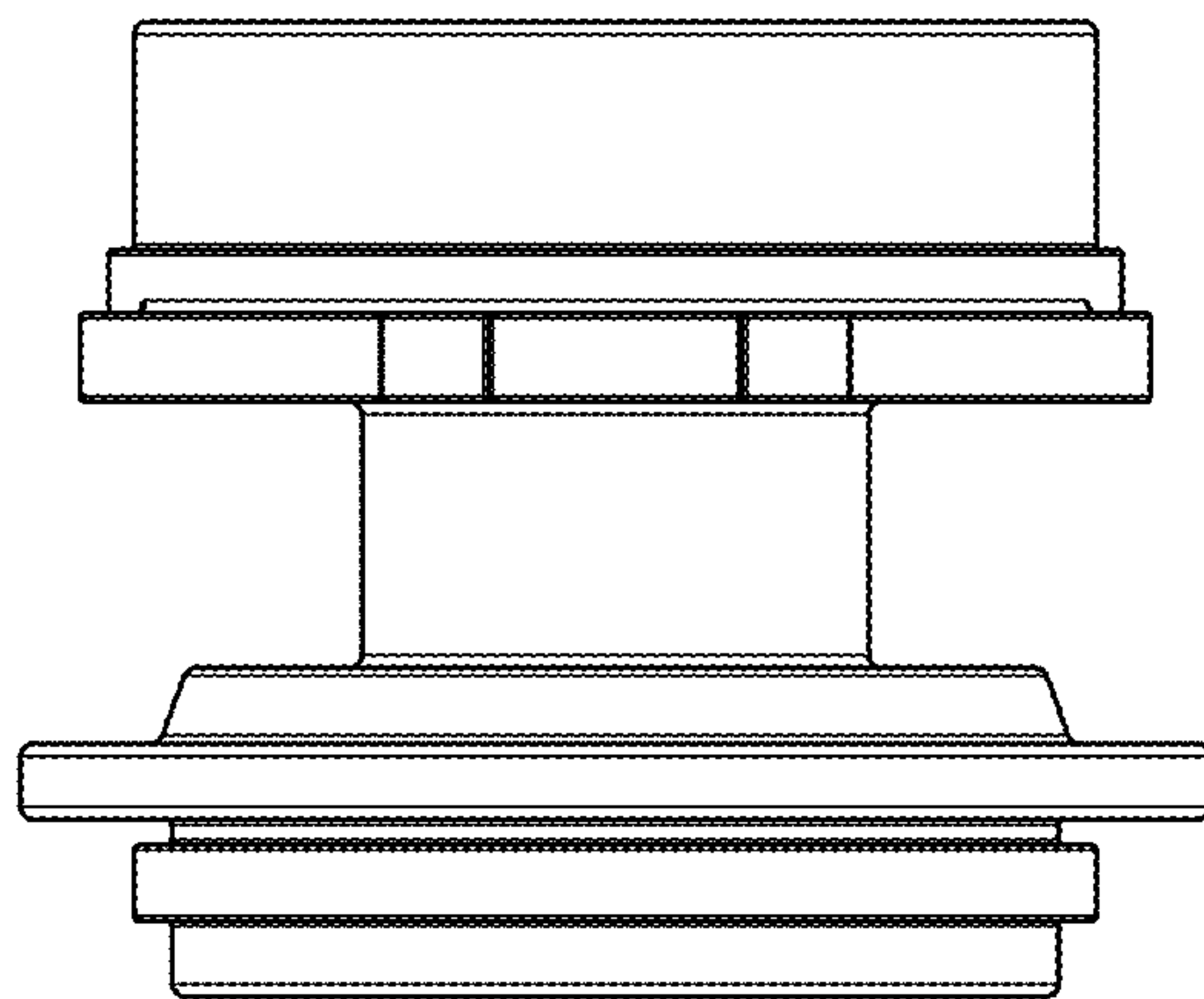


Fig. 3

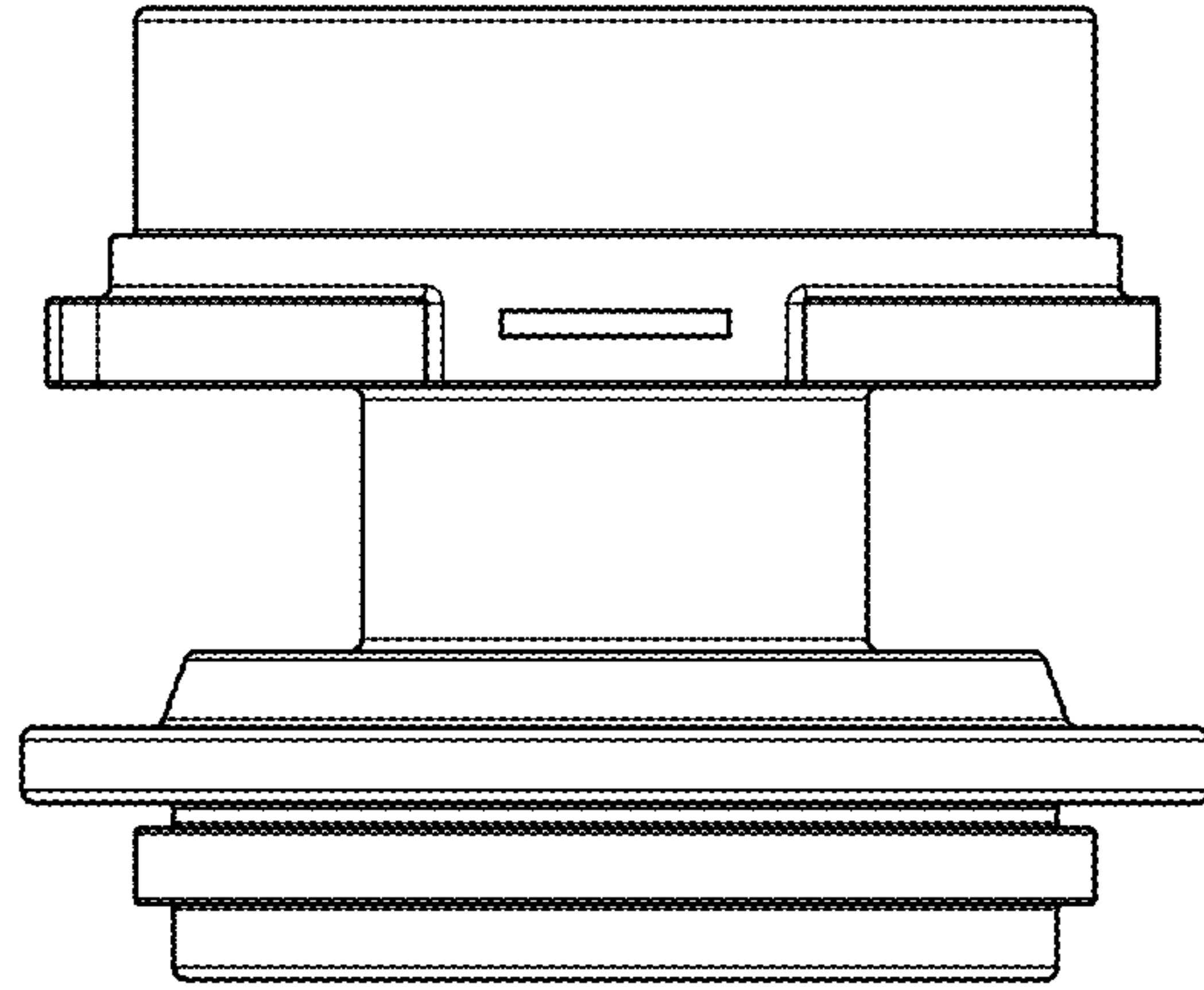


Fig. 4

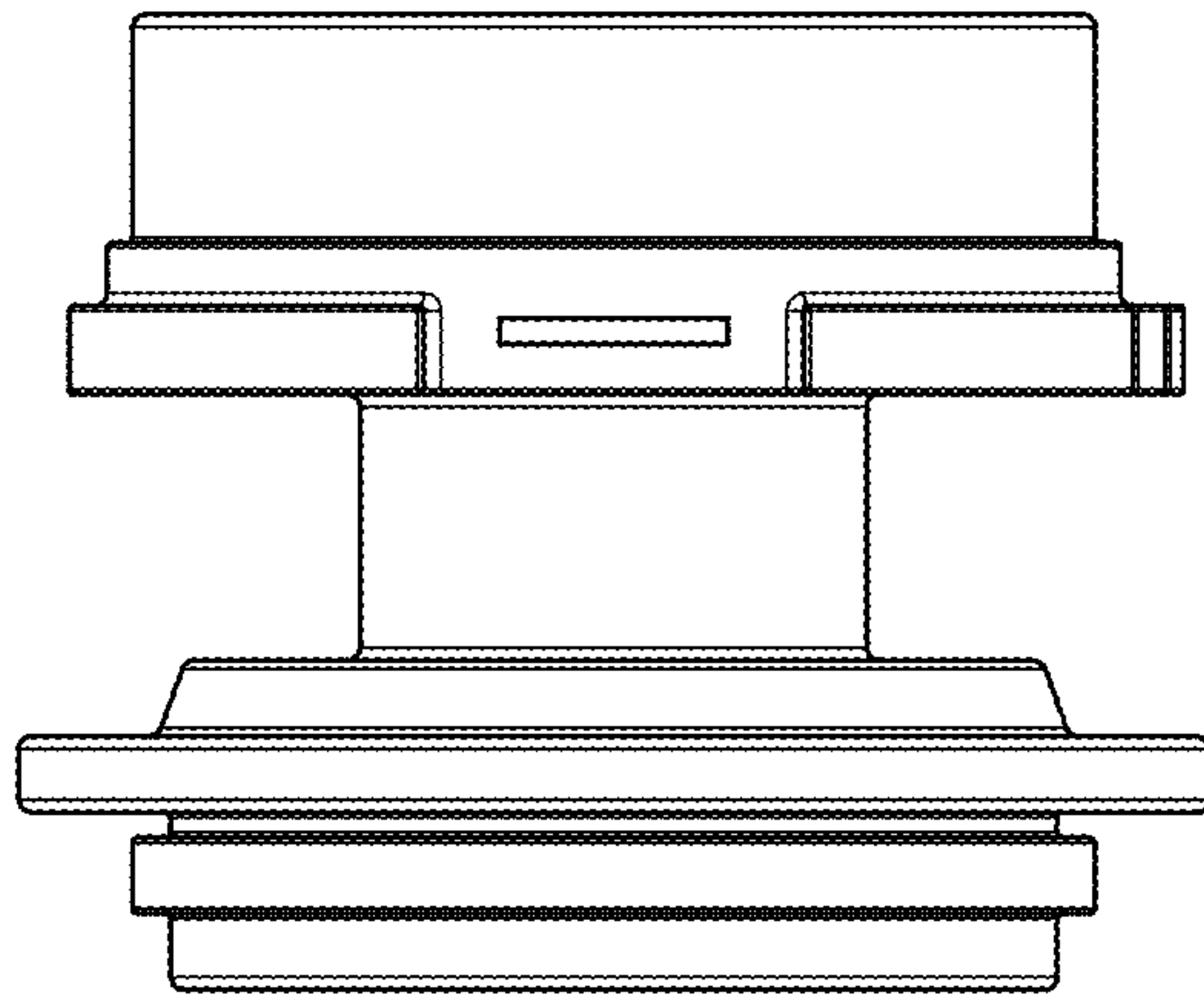


Fig. 5



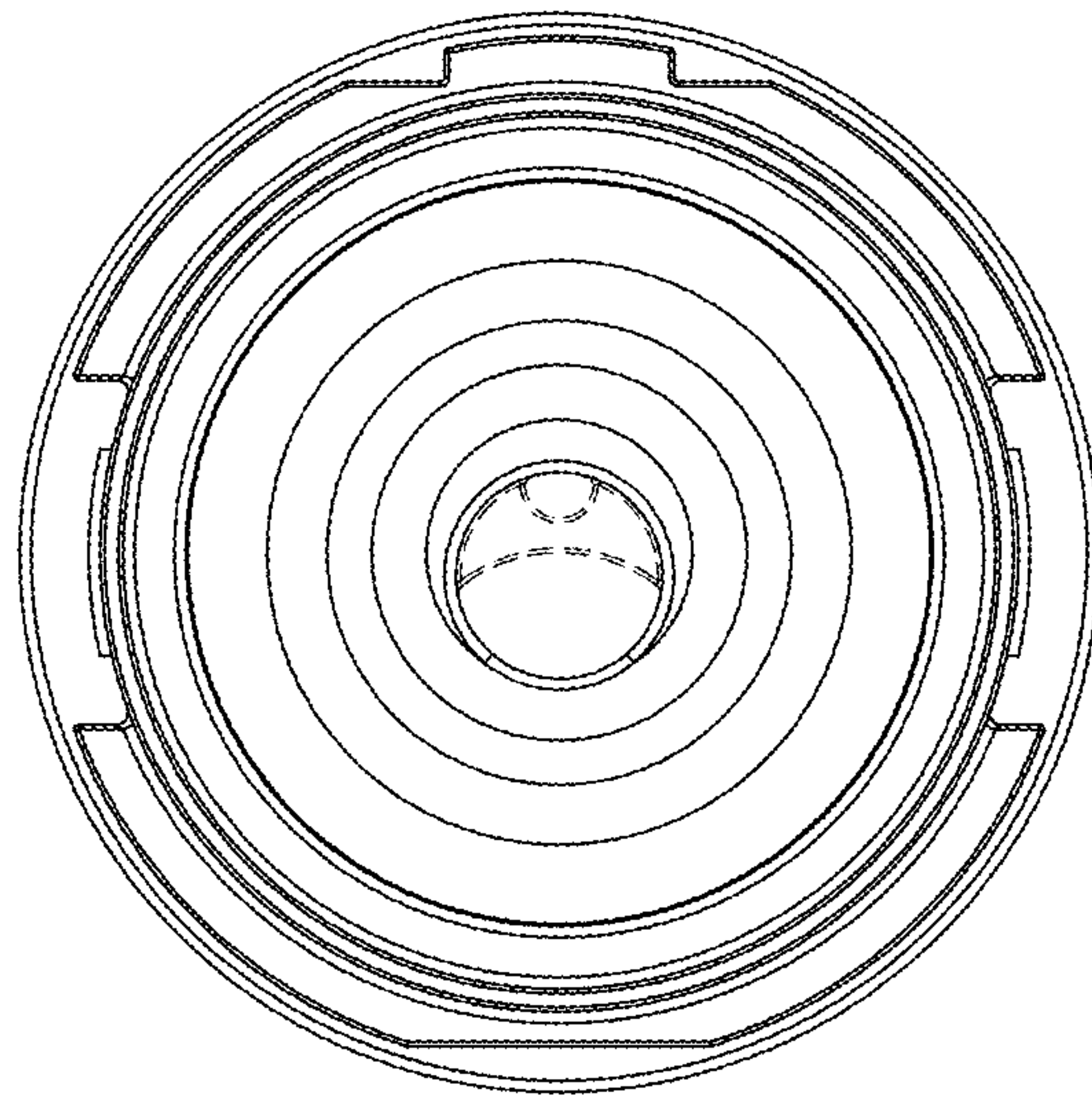


Fig. 6

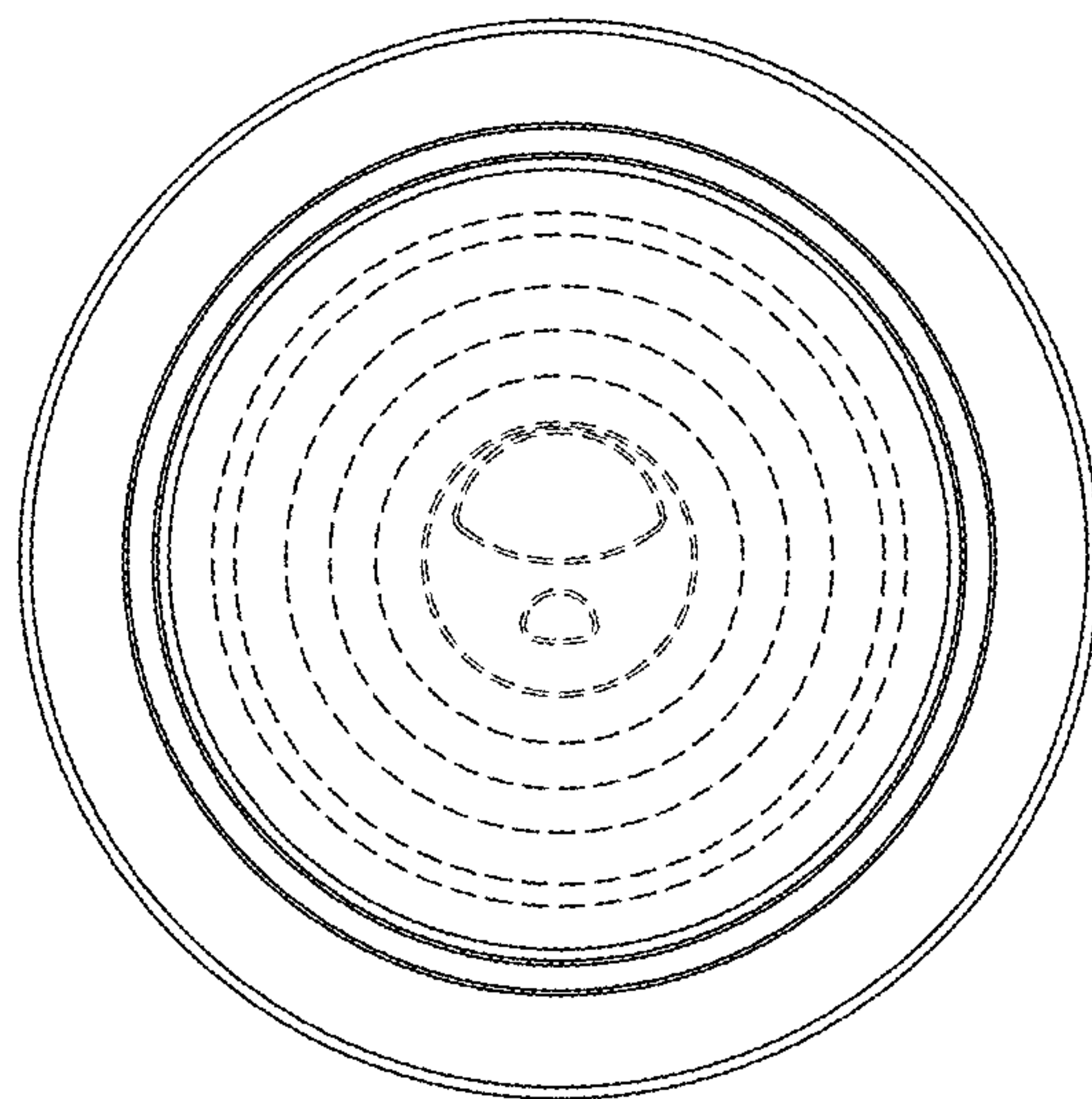


Fig. 7

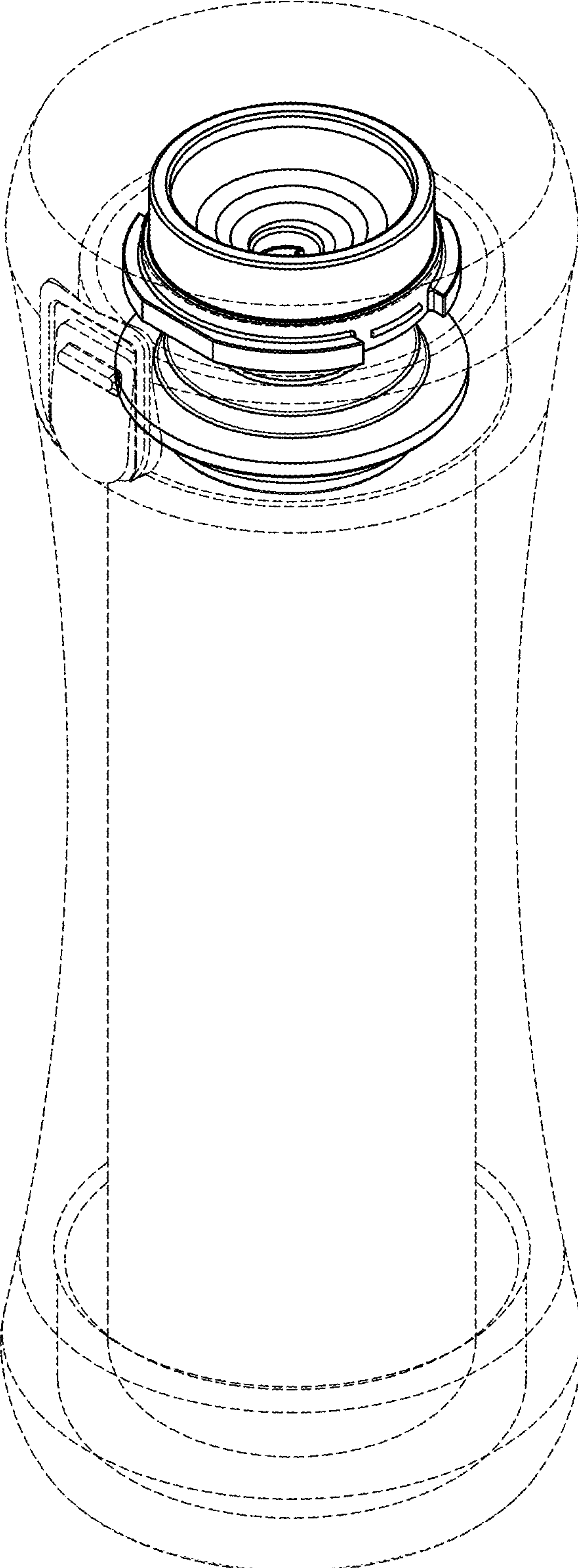


Fig. 8