



US00D757893S

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

(10) **Patent No.:** **US D757,893 S**  
(45) **Date of Patent:** **\*\* May 31, 2016**

(54) **JET NOZZLE INSERT**

(56) **References Cited**

(71) Applicant: **Custom Molded Products, Inc.**,  
Newnan, GA (US)  
(72) Inventors: **Victor L. Walker**, Temecula, CA (US);  
**Zachary T. Vogtner**, Atlanta, GA (US)  
(73) Assignee: **Custom Molded Products, Inc.**,  
Newnan, GA (US)  
(\*\*) Term: **14 Years**

U.S. PATENT DOCUMENTS

2,707,624 A \* 5/1955 Shames ..... E03C 1/084  
210/460  
2,948,477 A \* 8/1960 Fraser ..... B05B 1/3006  
239/109  
D191,512 S \* 10/1961 Lyon ..... D12/206  
D224,668 S \* 8/1972 Burger et al. .... D12/317  
D244,027 S \* 4/1977 Mooney ..... D13/156  
D256,948 S \* 9/1980 Boersma ..... D23/261  
D263,499 S \* 3/1982 Markowitz ..... D23/411  
D270,943 S \* 10/1983 Dennis ..... D23/411  
D287,276 S \* 12/1986 Little, Jr. .... D23/411  
4,965,893 A \* 10/1990 Henkin ..... A61H 33/027  
4/492  
4,982,459 A \* 1/1991 Henkin ..... A61H 33/027  
4/492  
D333,508 S \* 2/1993 Wallace ..... D23/213  
D334,616 S \* 4/1993 Nimmo ..... D23/249

(21) Appl. No.: **29/508,150**

(22) Filed: **Nov. 4, 2014**

(Continued)

(51) **LOC (10) Cl.** ..... **23-01**

(52) **U.S. Cl.**  
USPC ..... **D23/213**

(58) **Field of Classification Search**  
USPC ..... D23/212, 213, 223, 227, 229, 249, 253,  
D23/259-261, 380, 324, 330, 332, 335,  
D23/353-369, 370-379, 381-386, 388, 390,  
D23/393, 411-414, 499; D7/667, 668;  
454/241, 248, 249, 254, 256, 264, 265,  
454/275, 277, 292, 296; 362/96; D14/140,  
D14/142, 148, 149, 172, 194, 195, 204, 209,  
D14/210, 215, 216, 217, 219, 225, 257,  
D14/496; D15/28; D26/119; D28/18;  
D24/200, 201, 204; D12/204, 206,  
D12/207, 209, 210, 216; 4/541.1, 541.2,  
4/541.3, 541.4, 541.5, 541.6  
CPC ... F04D 29/005; F04D 29/703; F04D 29/668;  
A61H 33/027; A61H 33/025; A61H 33/0087;  
A61H 33/6042; A61H 33/6047; A61H  
33/6052; A61H 2201/0173; A61H 2201/1207;  
A61H 2201/1678; A61H 2033/0083

See application file for complete search history.

OTHER PUBLICATIONS

Air X Nozzels(CMP). c-m-p.com. (online) 4 pages. Published Jan.  
2015[retrieved on Oct. 25, 2015]. Retrieved from Internet: [https://web.archive.org/web/20150125053524/http://www.c-m-p.com/spa-products/air-x.\\*](https://web.archive.org/web/20150125053524/http://www.c-m-p.com/spa-products/air-x.*)

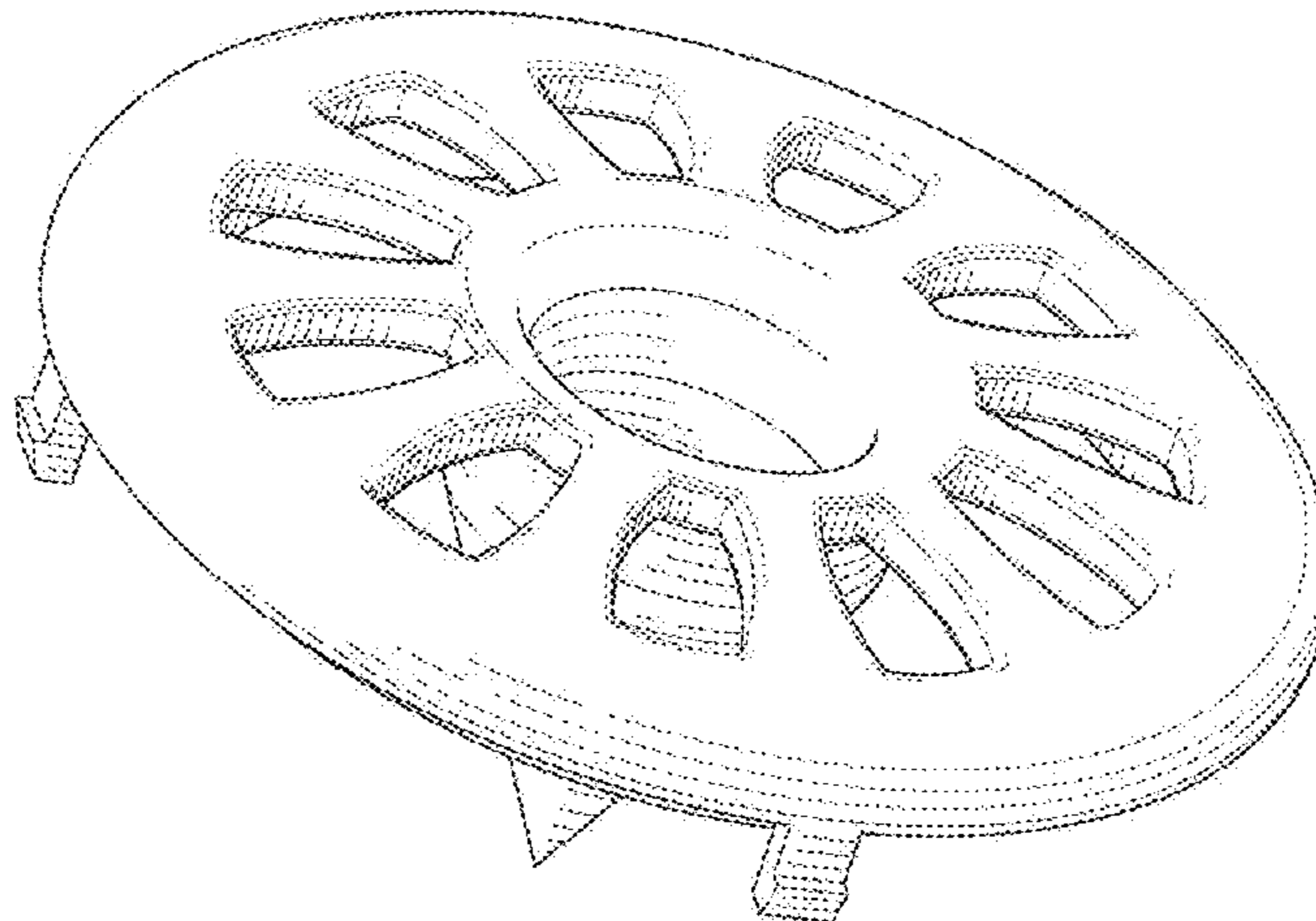
*Primary Examiner* — Susan Bennett Hattan  
*Assistant Examiner* — Marie Fast Horse  
(74) *Attorney, Agent, or Firm* — Laurence P. Colton; Smith  
Tempel Blaha LLC

(57) **CLAIM**  
The ornamental design for a jet nozzle insert, as shown and  
described.

**DESCRIPTION**

FIG. 1 is a perspective view of the jet nozzle insert of the  
present design.  
FIG. 2 is a top view thereof.  
FIG. 3 is a front view thereof.  
FIG. 4 is a back view thereof.  
FIG. 5 is a left side view thereof.  
FIG. 6 is a right side view thereof; and,  
FIG. 7 is a bottom view thereof.

**1 Claim, 7 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

D348,924 S *	7/1994	Merrett	.....	D23/261					
D362,651 S *	9/1995	Hsu	.....	D12/204					
D407,139 S *	3/1999	Wright	.....	D23/213					
6,263,522 B1 *	7/2001	Dongo	.....	A61H 33/027					
				239/281					
6,334,224 B1 *	1/2002	Chalberg	.....	A61H 33/027					
				4/541.4					
6,361,432 B1 *	3/2002	Walker	.....	F24F 13/06					
				454/290					
D460,192 S *	7/2002	Collins	.....	D24/204					
6,470,509 B1 *	10/2002	Ayeni	.....	A61H 33/027					
				4/541.6					
6,631,999 B1 *	10/2003	Chang	.....	F21V 1/10					
				362/101					
D483,028 S *	12/2003	Morrow, Jr.	.....	D14/225					
6,691,336 B2 *	2/2004	Buck	.....	A61H 33/027					
				239/222.17					
6,860,437 B1 *	3/2005	Amendt	.....	A61H 33/027					
				239/381					
D524,435 S *	7/2006	Linn	.....	D23/390					
D536,066 S *	1/2007	Grether	.....	D23/249					
D563,529 S *	3/2008	Labonte	.....	D23/261					
D577,100 S *	9/2008	Brown	.....	D23/213					
D598,561 S *	8/2009	Vogtner	.....	D24/204					
D608,009 S *	1/2010	Vogtner	.....	D23/213					
D623,264 S *	9/2010	Parrott	.....	D23/213					
D632,776 S *	2/2011	dos Anjos	.....	D23/411					
D653,080 S *	1/2012	Haley	.....	D7/376					
D655,820 S *	3/2012	Thomas	.....	D24/204					
					D660,765 S *	5/2012	Gotschke	.....	D12/209
					D690,642 S *	10/2013	Kito	.....	D12/209
					D715,211 S *	10/2014	Gotschke	.....	D12/204
					8,869,320 B1 *	10/2014	Santamarina	.....	A61H 33/027
									239/428.5
					D725,751 S *	3/2015	Luo	.....	D23/260
					D726,886 S *	4/2015	Sutherland	.....	D23/261
					9,109,610 B2 *	8/2015	Streng	.....	F04D 25/06
					D739,327 S *	9/2015	Wagener	.....	D12/209
					2005/0262627 A1 *	12/2005	Jyue Chen	.....	A61H 33/027
									4/541.6
					2007/0289056 A1 *	12/2007	Reynoso	.....	A61H 33/027
									4/541.6
					2008/0182505 A1 *	7/2008	Oosterhuis	.....	F24F 13/105
									454/290
					2008/0196153 A1 *	8/2008	Walker	.....	A61H 33/6063
									4/541.6
					2008/0276363 A1 *	11/2008	Chen	.....	A61H 33/027
									4/541.6
					2009/0126099 A1 *	5/2009	Holtsnider	.....	A61H 33/6063
									4/541.6
					2009/0193574 A1 *	8/2009	Holtsnider	.....	A61H 33/6063
									4/541.6
					2009/0276952 A1 *	11/2009	Wooten	.....	A61H 33/6063
									4/541.6
					2011/0272492 A1 *	11/2011	Simpson	.....	B05B 1/3026
									239/462
					2012/0174312 A1 *	7/2012	Loyd	.....	B05B 1/3026
									4/541.6
					2014/0101840 A1 *	4/2014	Harder	.....	A61H 33/6052
									4/541.6

\* cited by examiner

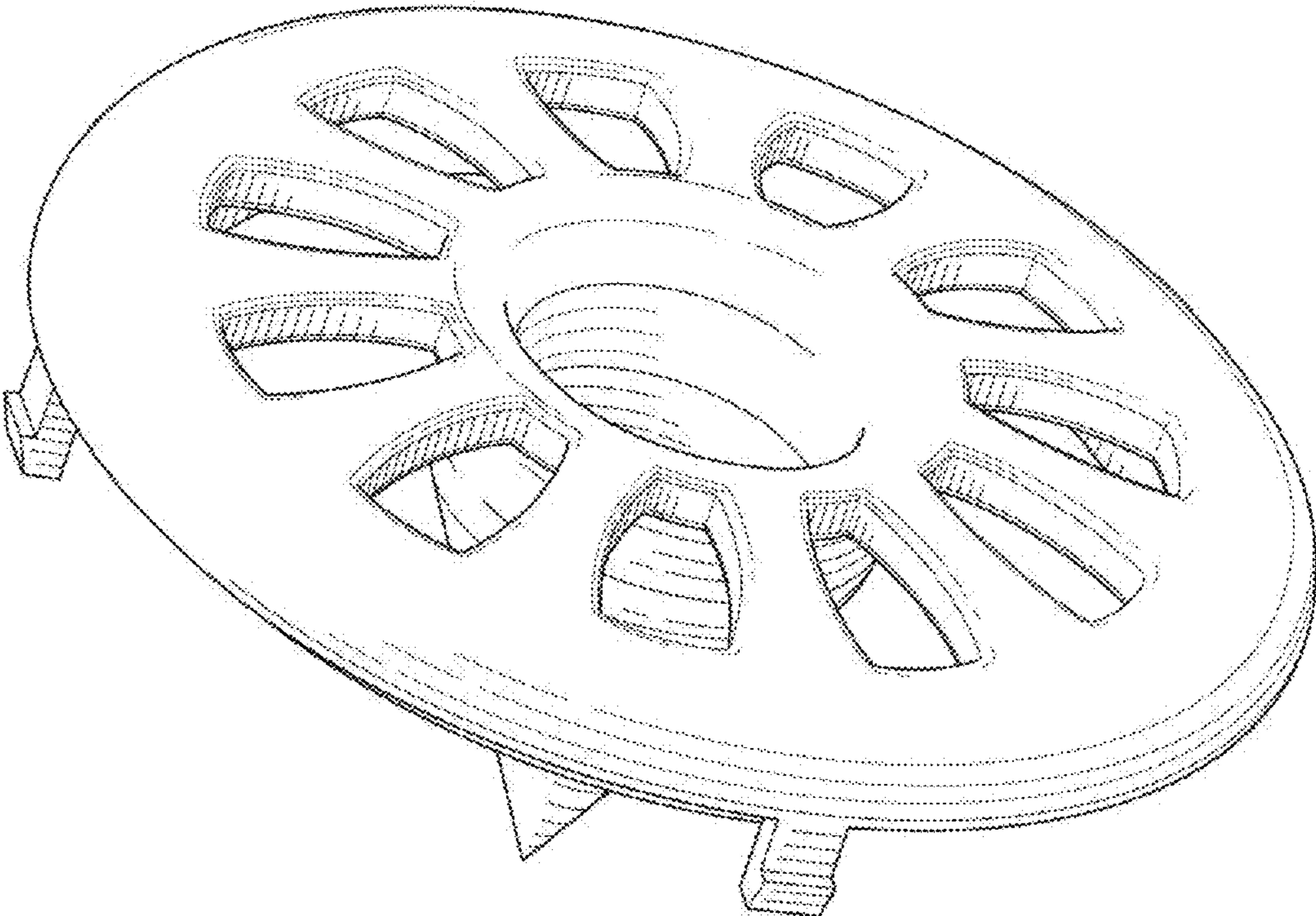


Fig. 1

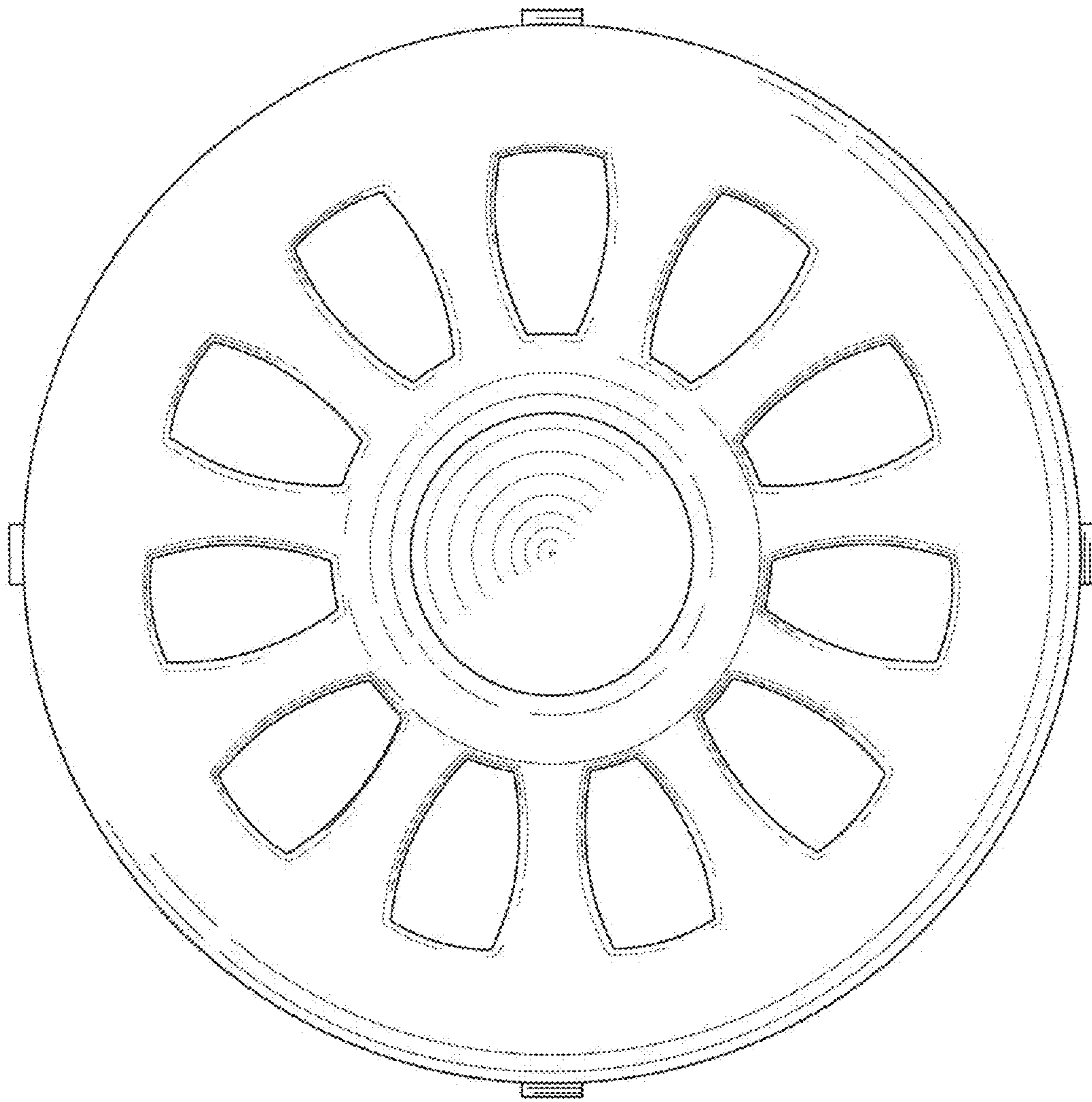


Fig. 2

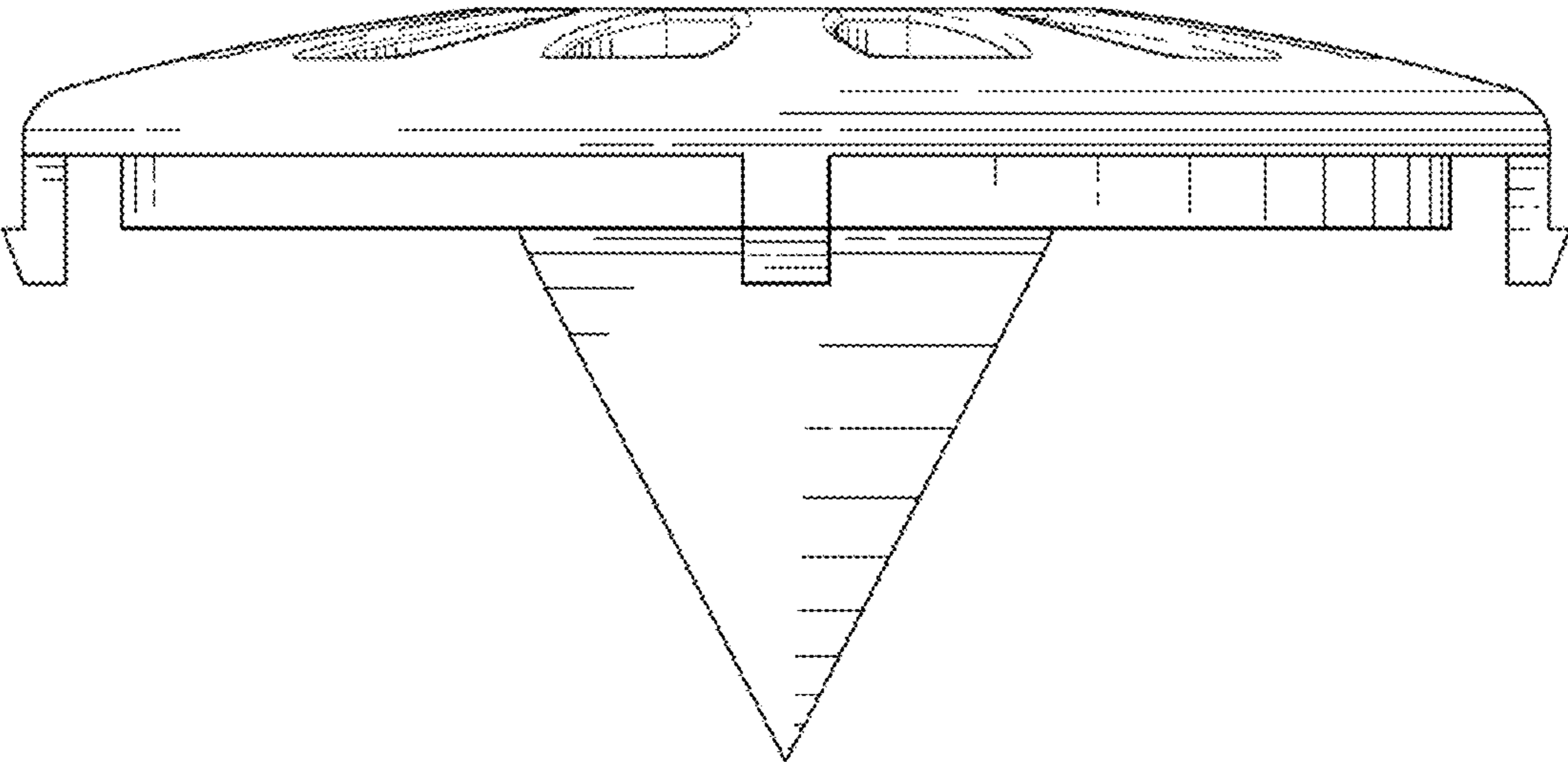


Fig. 3

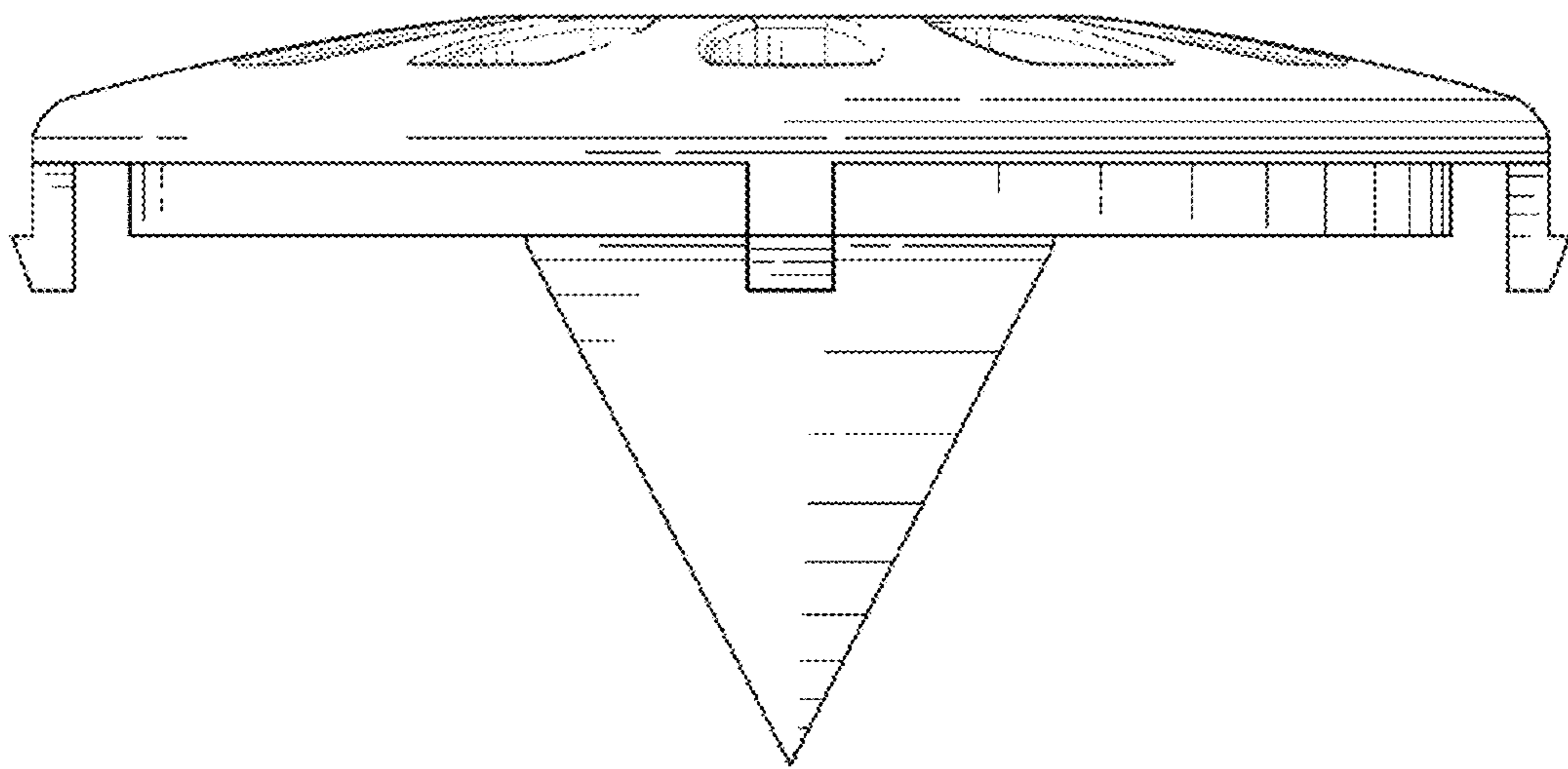


Fig. 4

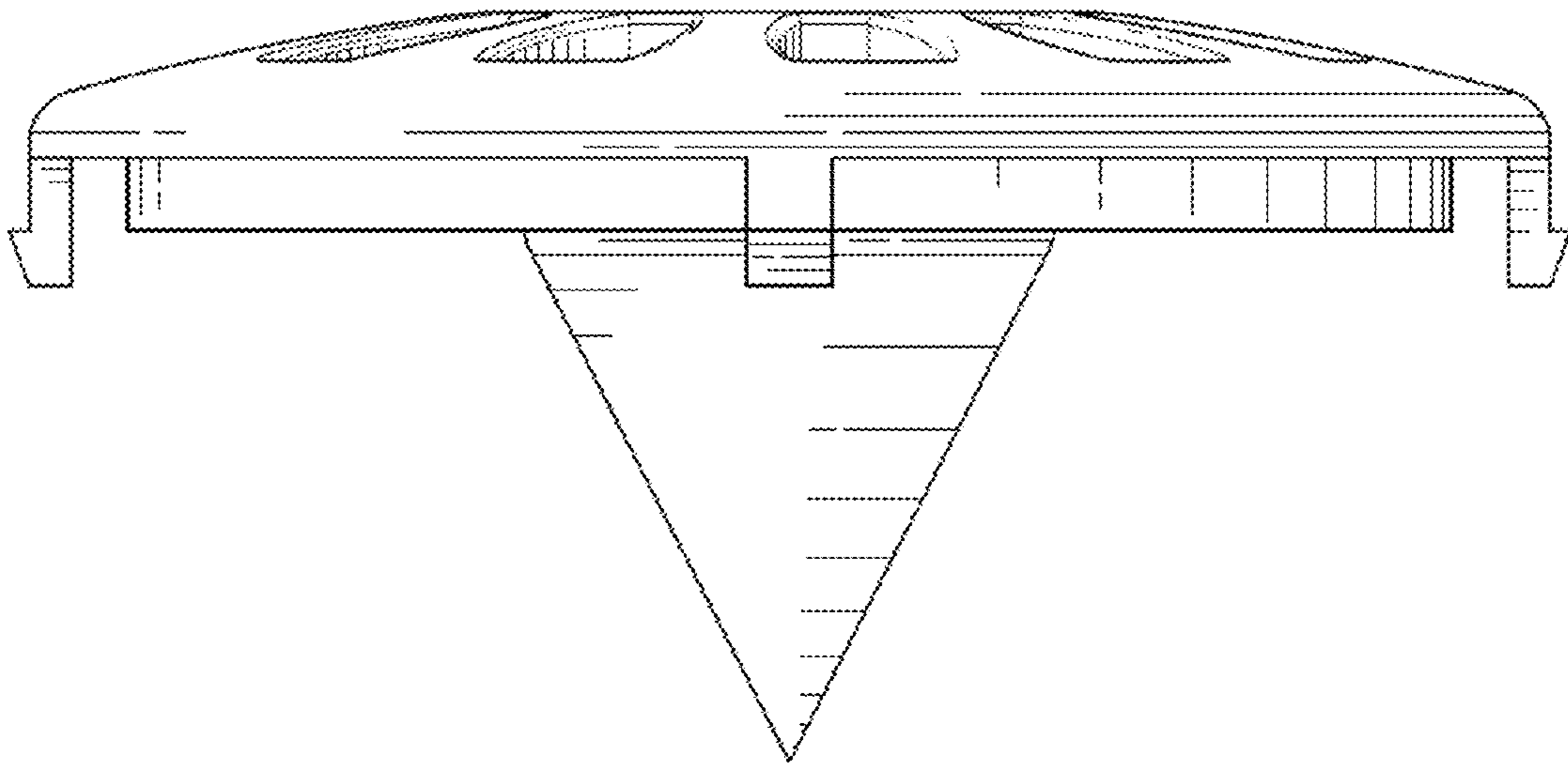


Fig. 5

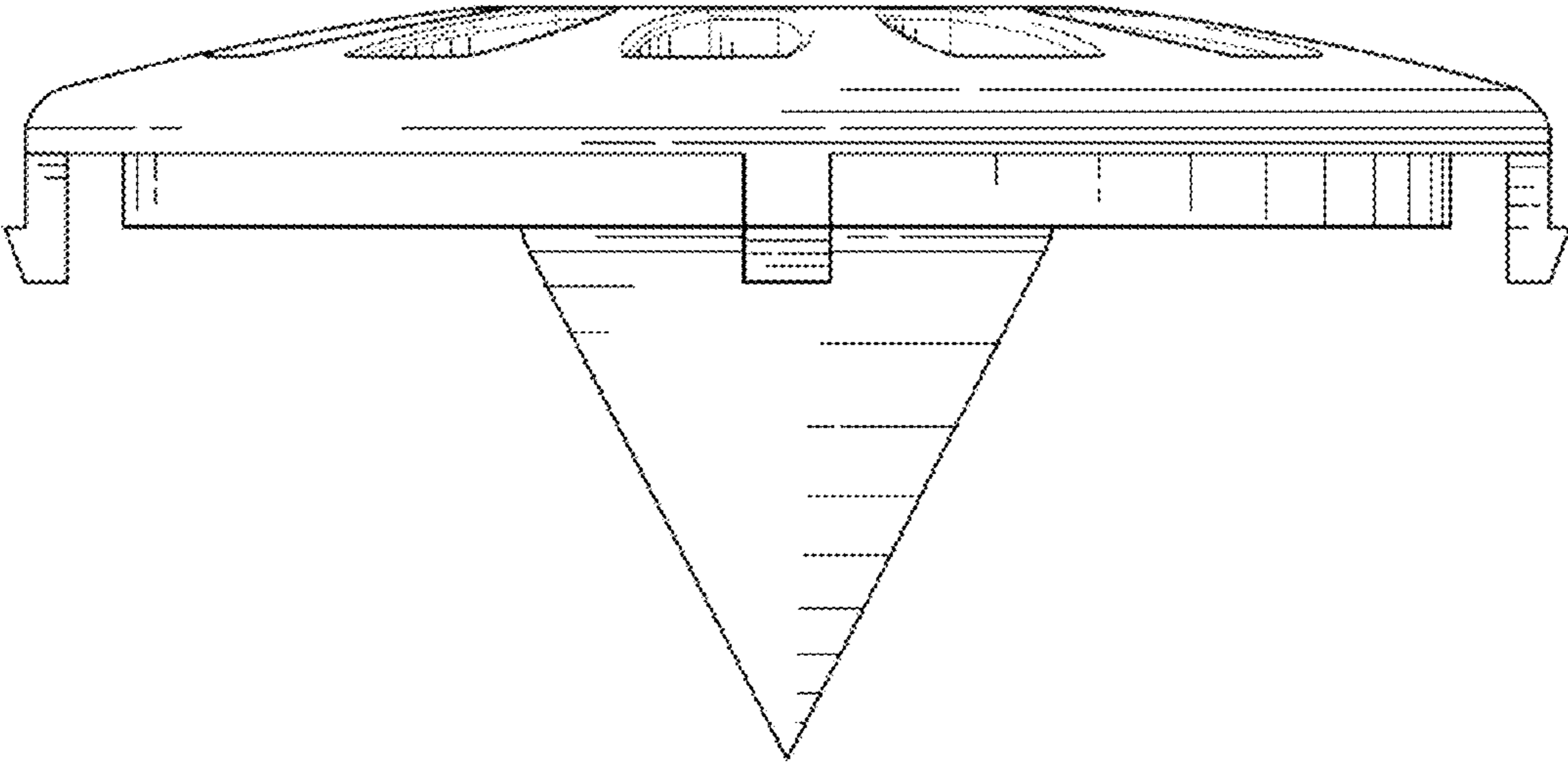


Fig. 6



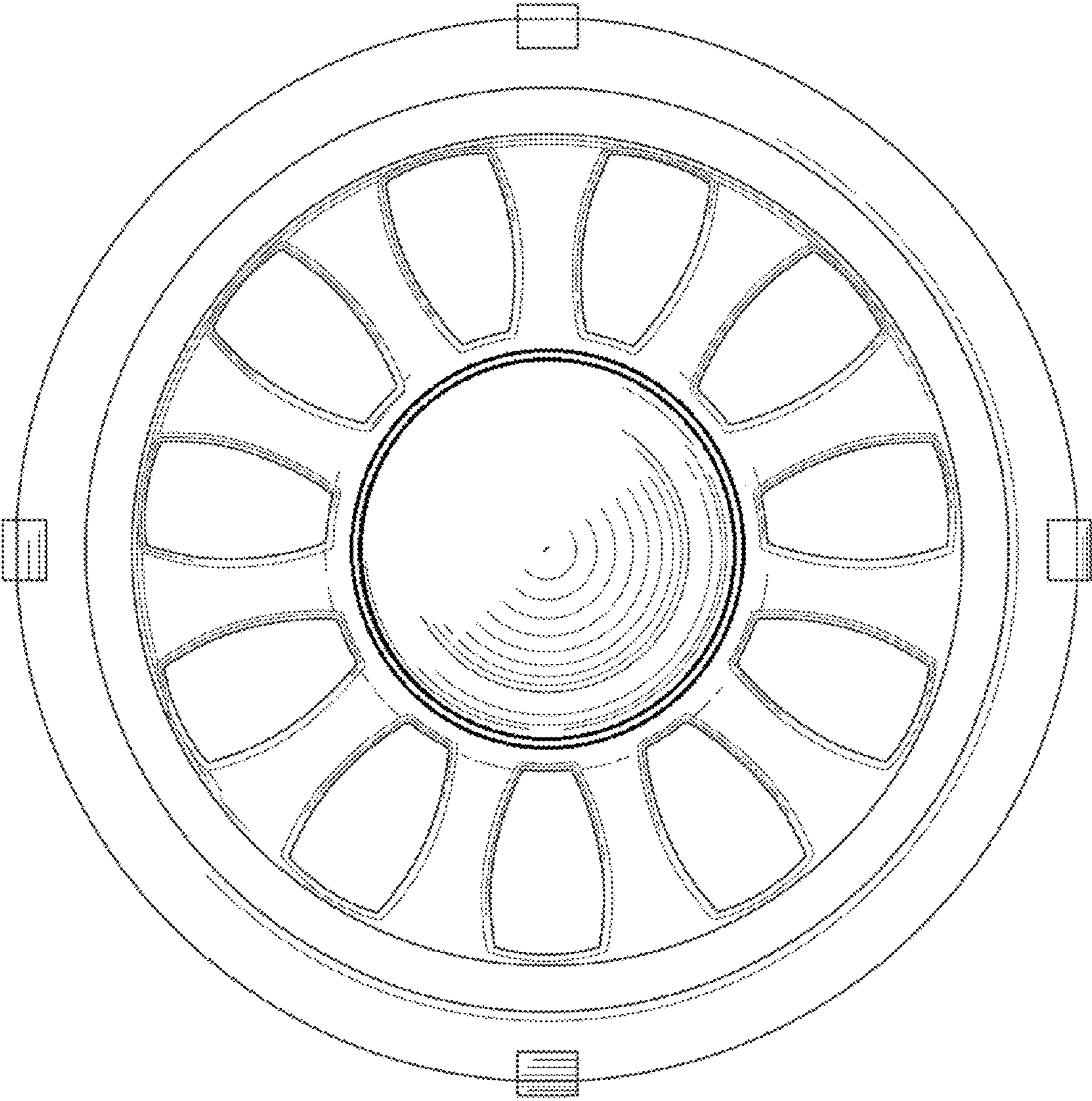


Fig. 7