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

(10) **Patent No.:** **US D763,927 S**  
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- (54) **NOZZLE HOUSING FOR LIQUID APPLICATOR**
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- (\*\*) Term: **14 Years**
- (21) Appl. No.: **29/514,979**
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- (51) **LOC (10) Cl.** ..... **15-03**
- (52) **U.S. Cl.**  
USPC ..... **D15/13; D15/11**
- (58) **Field of Classification Search**  
USPC ..... D15/11, 13, 17, 28, 21; D23/227; 111/124, 152; 172/730, 732  
CPC ..... A01C 23/025; A01C 23/00; A01C 23/02; A01C 21/002; A01C 21/00; A01C 5/062; A01C 5/00; A01C 5/06; A01C 5/064; A01C 7/006  
See application file for complete search history.

(56) **References Cited**  
U.S. PATENT DOCUMENTS

D173,972 S *	2/1955	Taylor	.....	D15/11
D231,115 S *	4/1974	Kiecker	.....	D15/11
D232,938 S *	9/1974	Hettich	.....	D15/13
3,863,842 A *	2/1975	McFarland	.....	A01C 23/025 111/124
4,033,271 A *	7/1977	Williams	.....	A01C 23/025 111/123
4,141,301 A *	2/1979	Coldren	.....	A01C 23/025 111/123
D256,244 S *	8/1980	Ryan	.....	D15/11
D262,627 S *	1/1982	David	.....	D15/13
4,396,068 A *	8/1983	Handy	.....	A01B 39/19 111/14

4,592,294 A *	6/1986	Dietrich, Sr.	.....	A01C 5/062 111/123
4,638,748 A *	1/1987	Kopecky	.....	A01C 5/06 111/124
4,683,826 A *	8/1987	Solie	.....	A01M 17/002 111/124
4,711,187 A *	12/1987	Schultz	.....	A01C 5/062 111/123

(Continued)

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(57) **CLAIM**

The ornamental design for a nozzle housing for liquid applicator, as shown and described.

**DESCRIPTION**

FIG. 1 is a front top perspective view of one embodiment of the nozzle housing for liquid applicator.

FIG. 2 is a front bottom perspective view of one embodiment of the nozzle housing of FIG. 1.

FIG. 3 is a rear left perspective view of the nozzle housing of FIG. 1 showing unclaimed environmental structure.

FIG. 4 is the same rear left perspective view of the nozzle housing of FIG. 3 but with the unclaimed environmental structure removed to show the portions of the nozzle housing which were obscured by the unclaimed environmental structure in FIG. 3.

FIG. 5 is a rear right perspective of the nozzle housing of FIG. 4.

FIG. 6 is a front elevation view of the nozzle housing of FIG. 4.

FIG. 7 is a rear elevation view of the nozzle housing of FIG. 4.

FIG. 8 is a top plan view of the nozzle housing of FIG. 4.

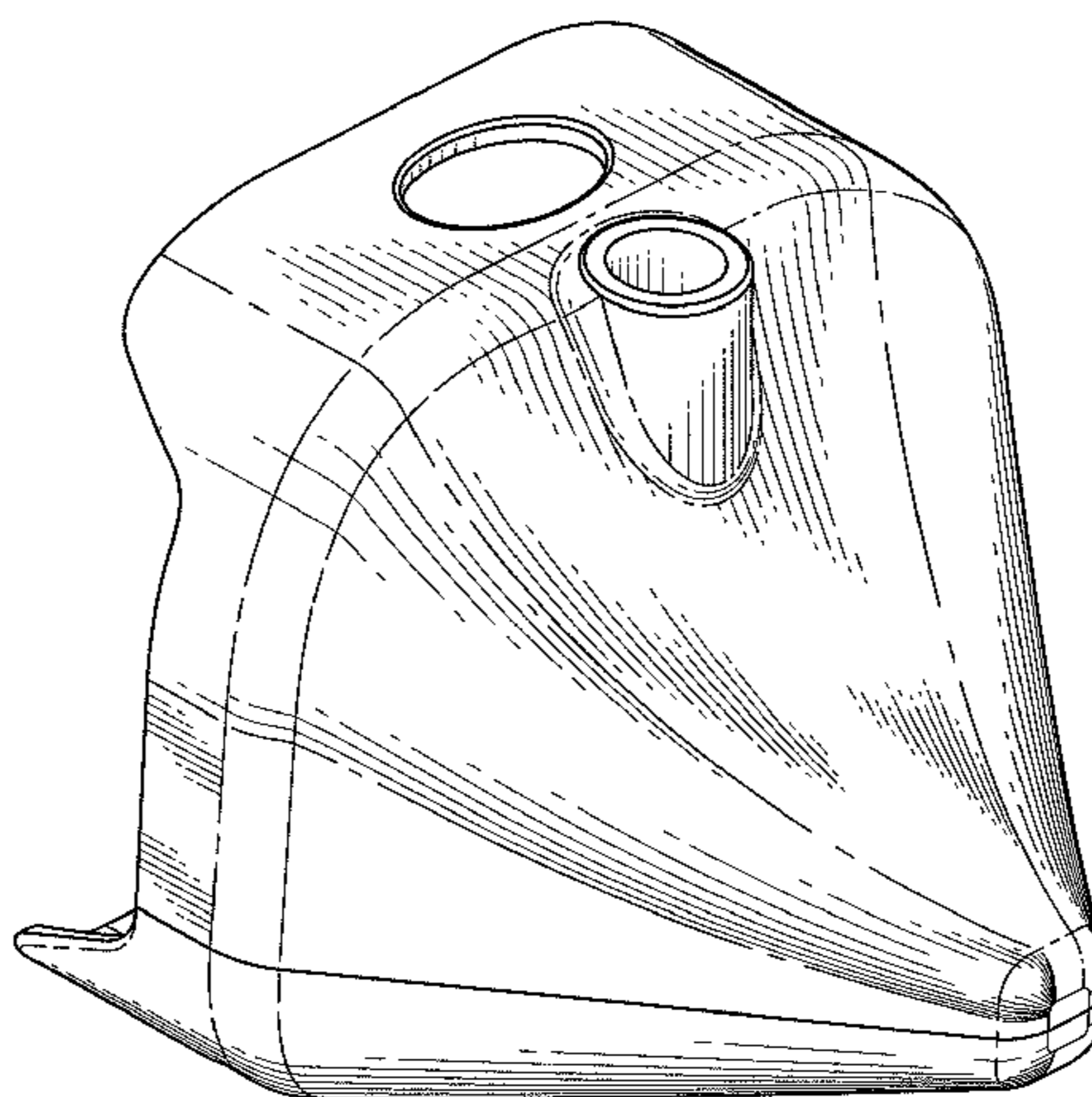
FIG. 9 is a bottom plan view of the nozzle housing of FIG. 4.

FIG. 10 is a left side elevation view of the nozzle housing of FIG. 4; and,

FIG. 11 is a right side elevation view of the nozzle housing of FIG. 4.

The broken lines showing the nozzles and connectors are for the purpose of illustrating environmental structure and form no part of the claimed design. Other broken lines form no part of the claimed design.

**1 Claim, 11 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

4,955,297	A *	9/1990	Tsukamoto	.....	A01C 5/062	111/152
D329,652	S *	9/1992	Killian	.....	D15/13	
5,259,327	A *	11/1993	Thompson, Jr.	.....	A01M 21/04	111/118
5,271,342	A *	12/1993	Neidhardt	.....	A01C 23/025	111/119
5,333,559	A *	8/1994	Hodapp	.....	A01B 49/06	111/152
D356,629	S *	3/1995	Claussen	.....	D23/227	
5,495,814	A *	3/1996	Primus	.....	A01C 23/025	111/124
5,881,821	A *	3/1999	Noonan	.....	A01B 35/26	172/730
D411,546	S *	6/1999	Chapman	.....	D15/11	
5,941,318	A *	8/1999	Bergen	.....	A01B 35/225	172/730
D415,773	S *	10/1999	Chapman	.....	D15/11	
5,979,568	A *	11/1999	Parish	.....	A01B 35/225	172/724
6,167,820	B1 *	1/2001	Kimberly	.....	A01C 23/024	111/119
6,986,314	B2 *	1/2006	Linnebur	.....	A01C 5/062	111/152
7,004,090	B2 *	2/2006	Swanson	.....	A01C 5/064	111/119
7,617,783	B1 *	11/2009	Cruson	.....	A01C 5/062	111/150
8,453,586	B2 *	6/2013	Cruson	.....	A01C 7/06	111/124
8,544,396	B1 *	10/2013	Anderson	.....	A01C 5/062	111/152
D726,773	S *	4/2015	Rawson	.....	D15/13	
2013/0233215	A1 *	9/2013	Cruson	.....	A01C 23/023	111/119

\* cited by examiner

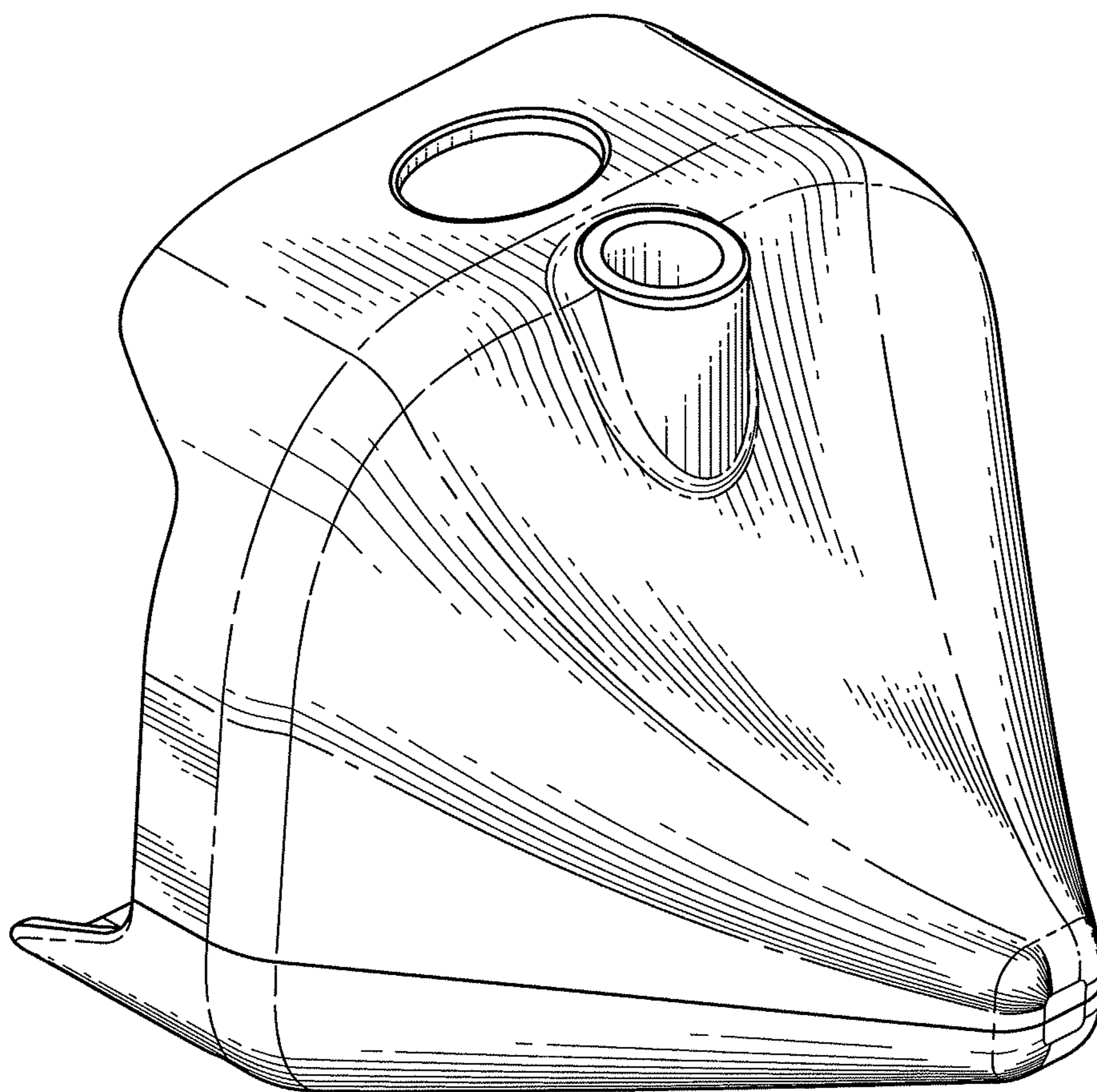


FIG. 1

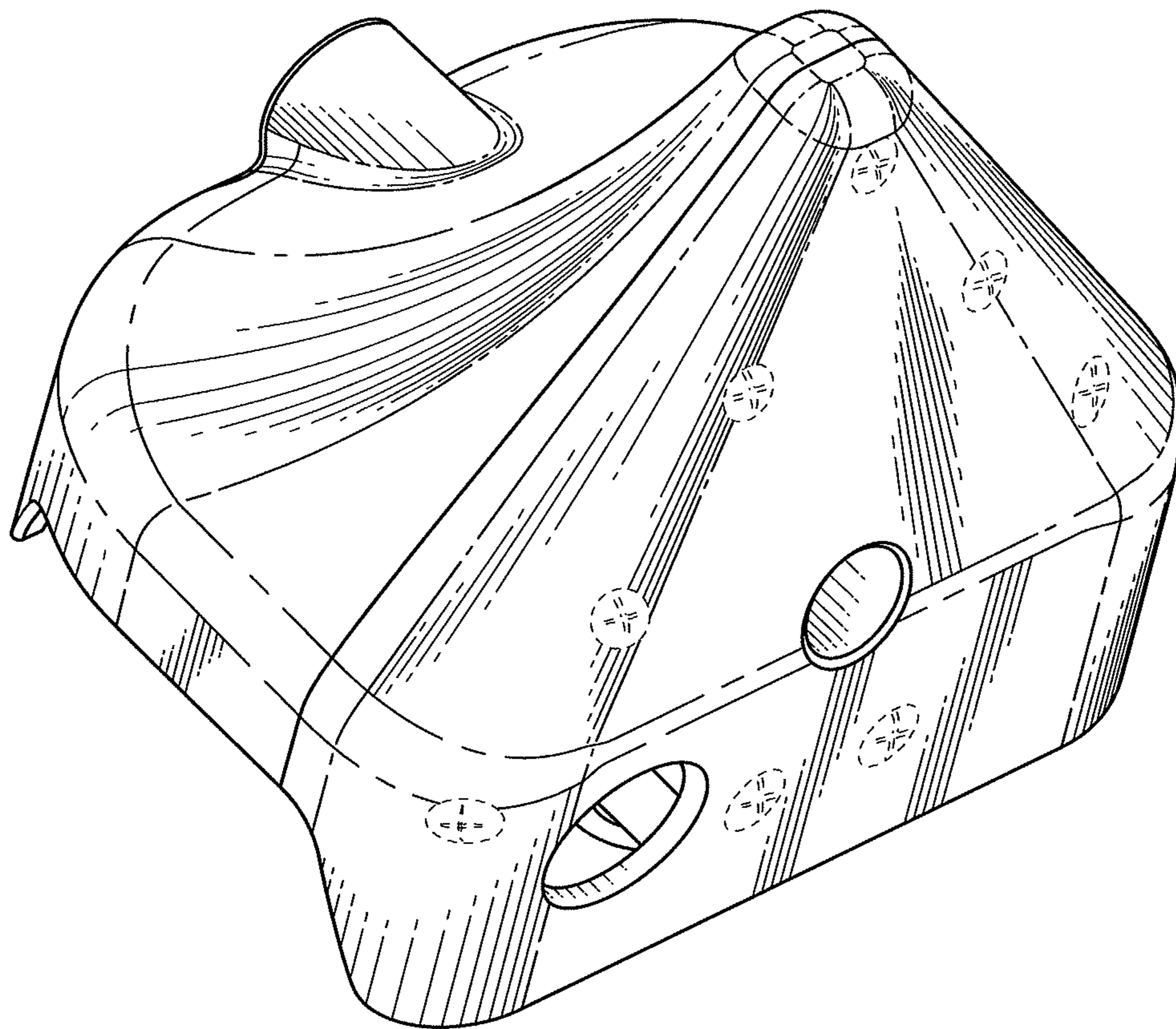


FIG. 2

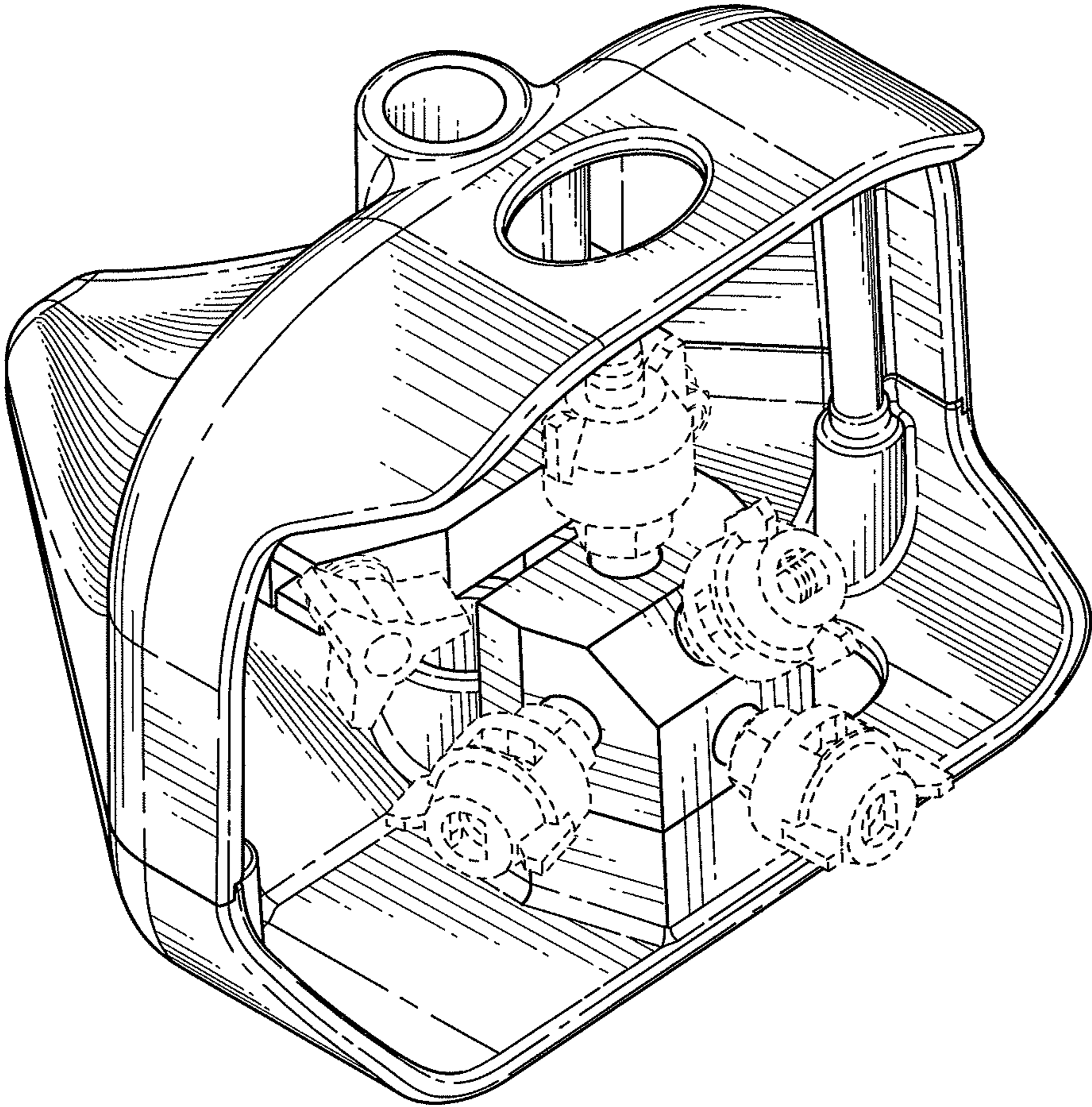


FIG. 3

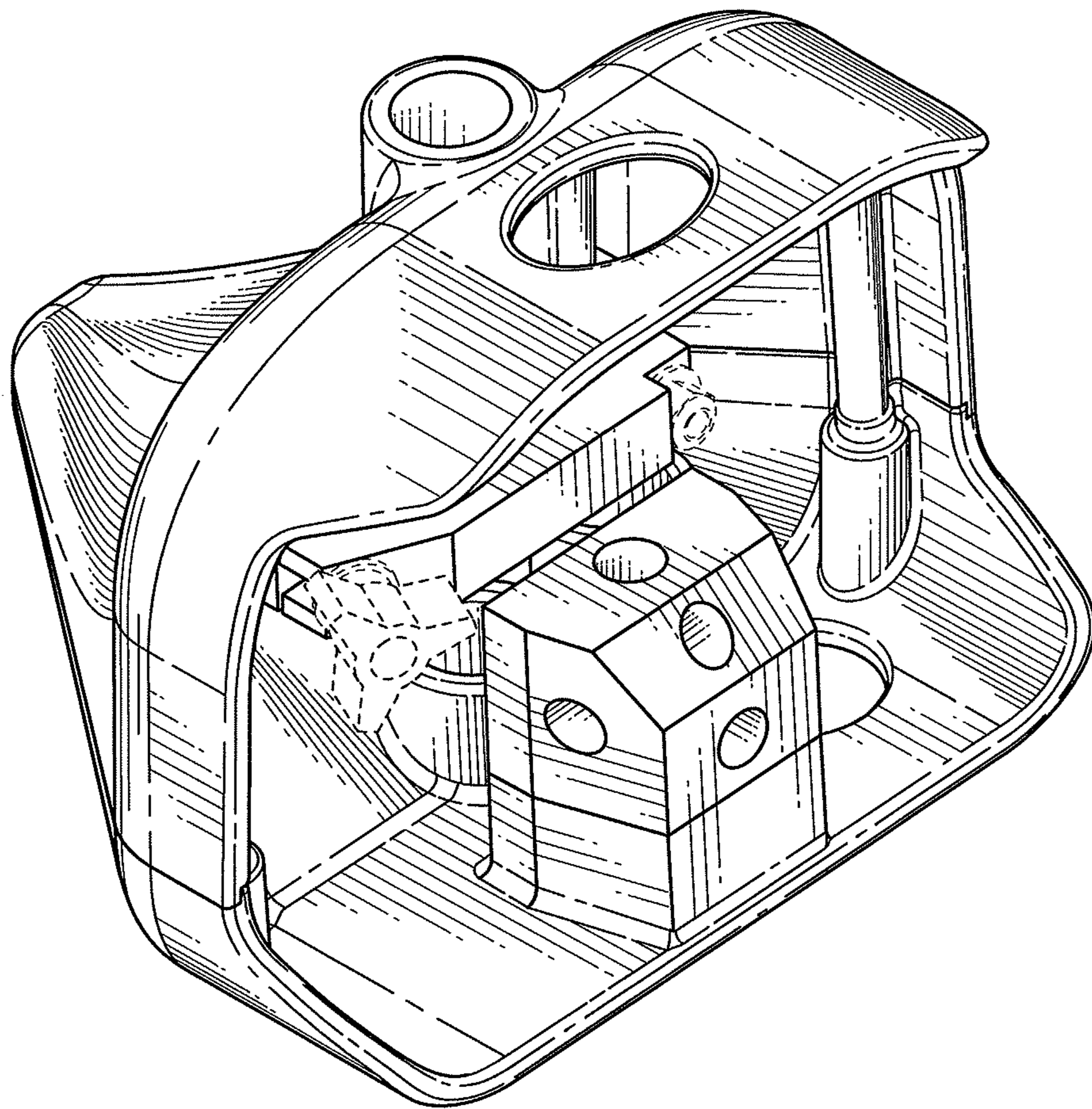


FIG. 4

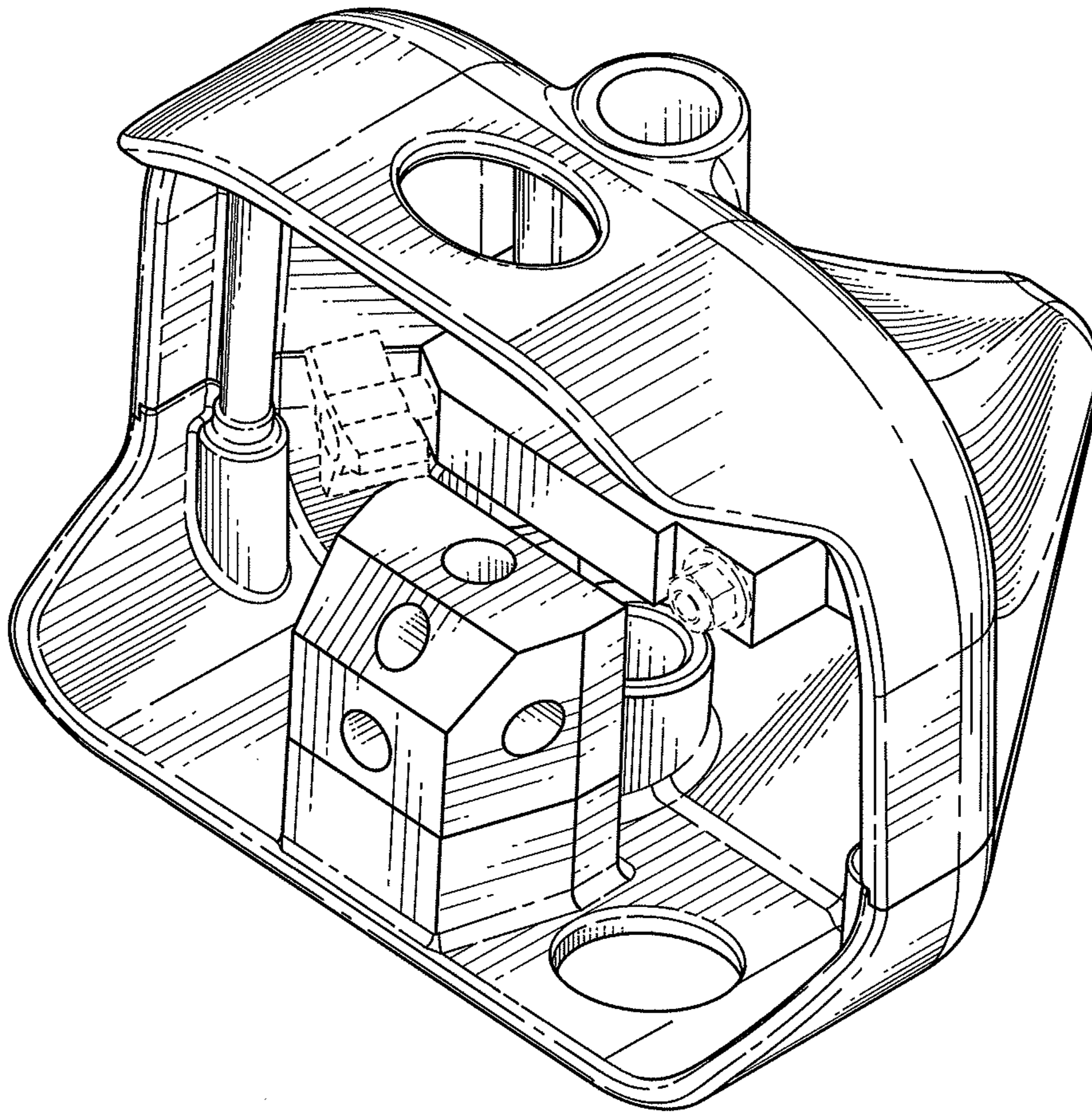


FIG. 5

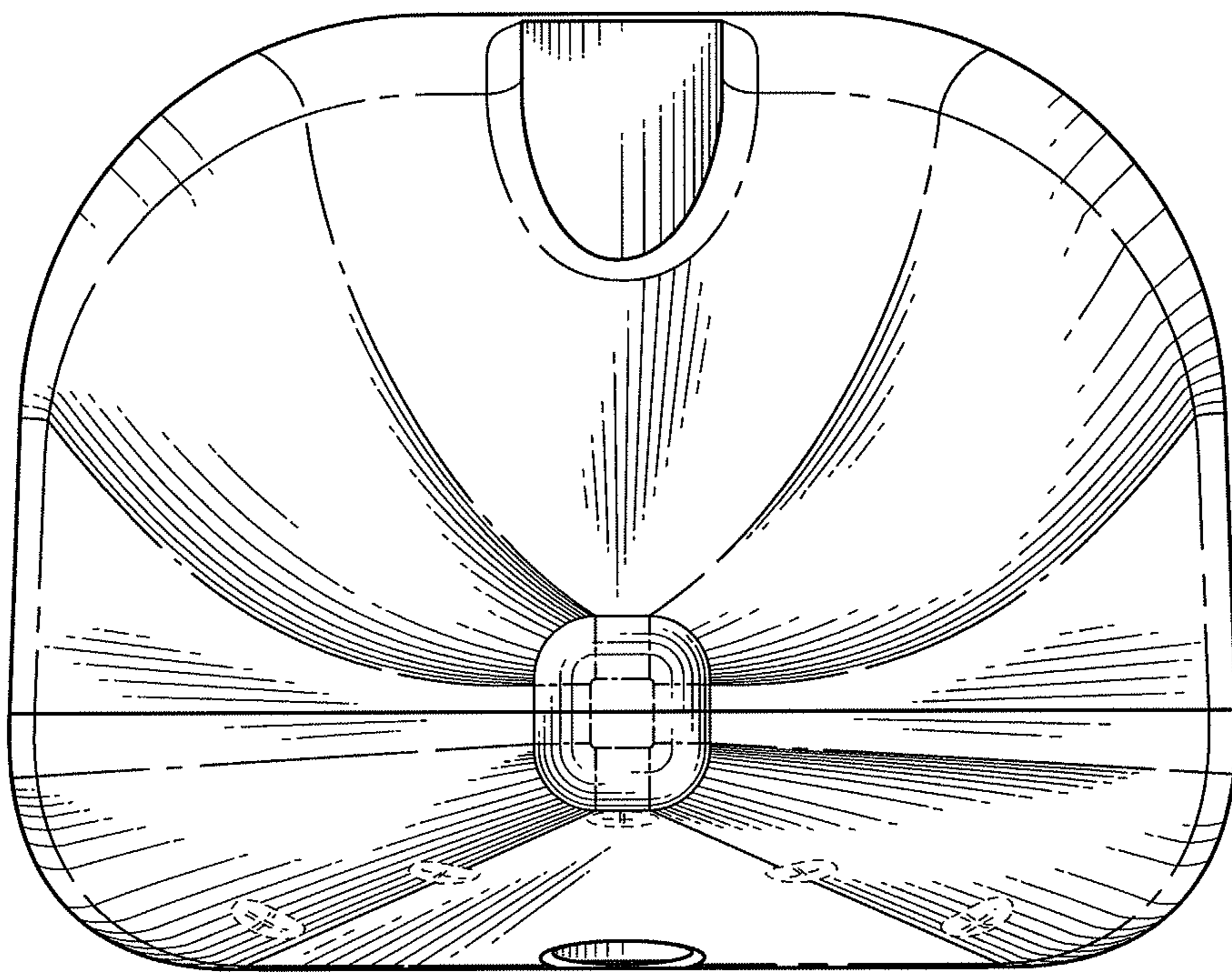


FIG. 6



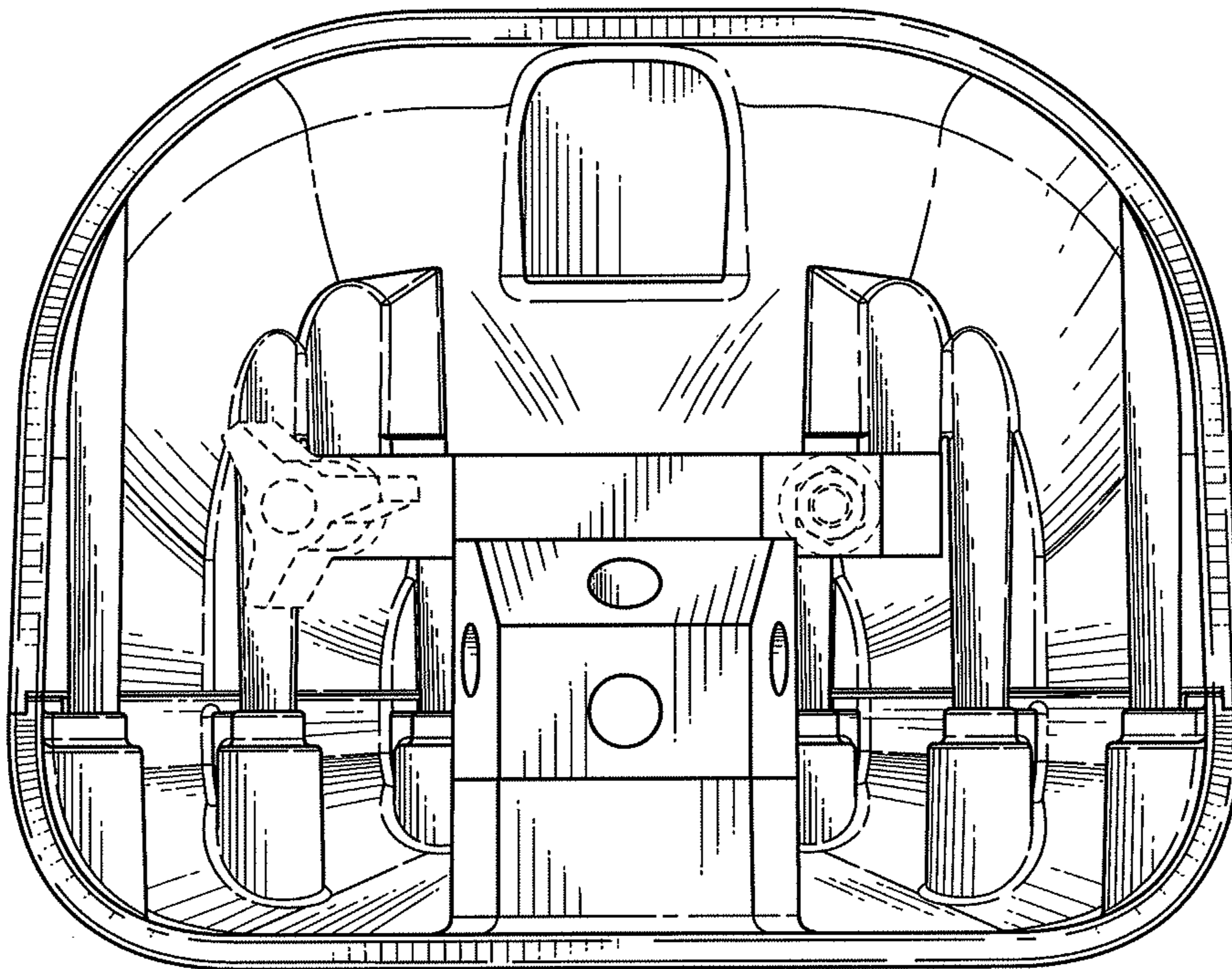


FIG. 7

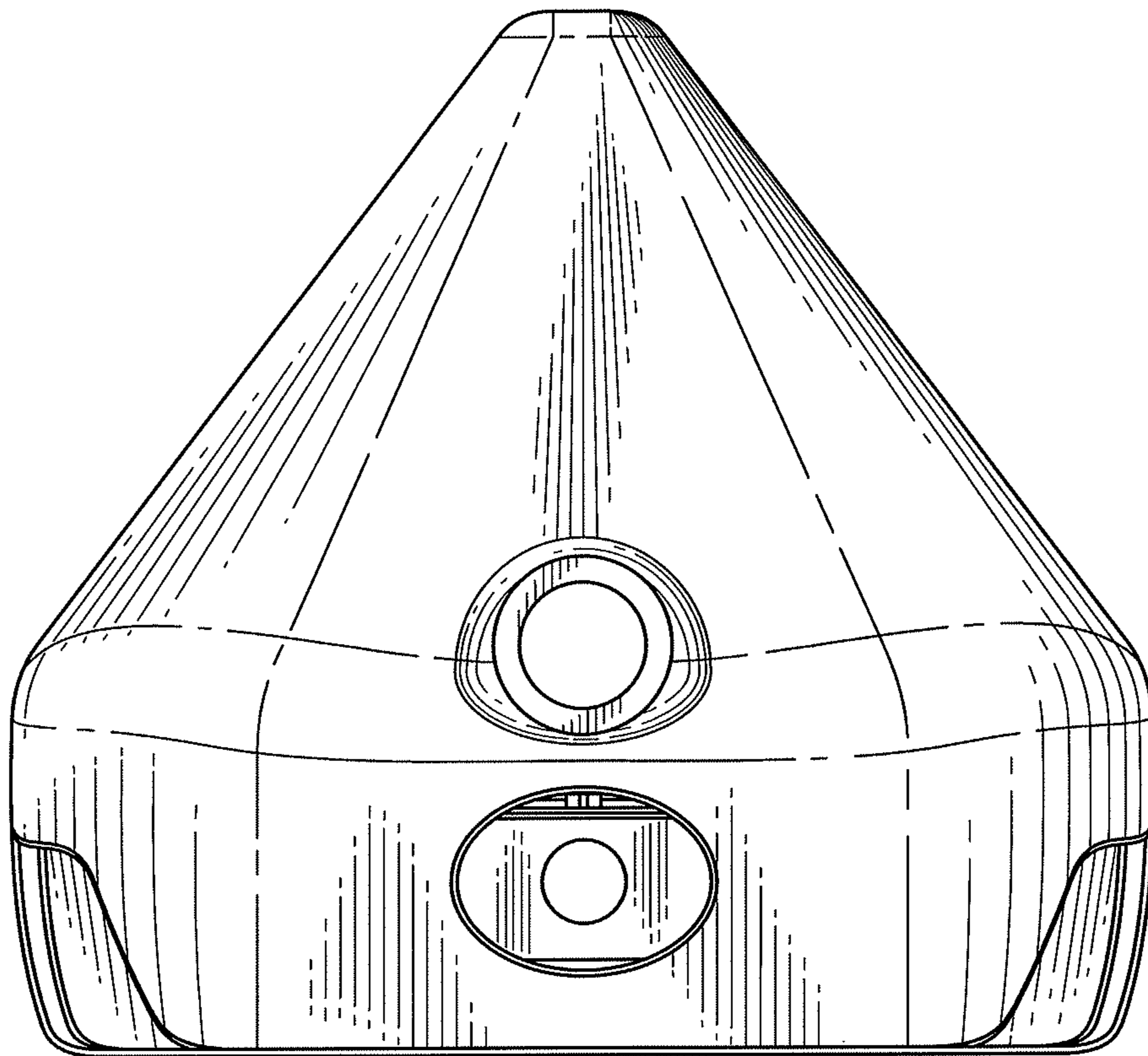


FIG. 8

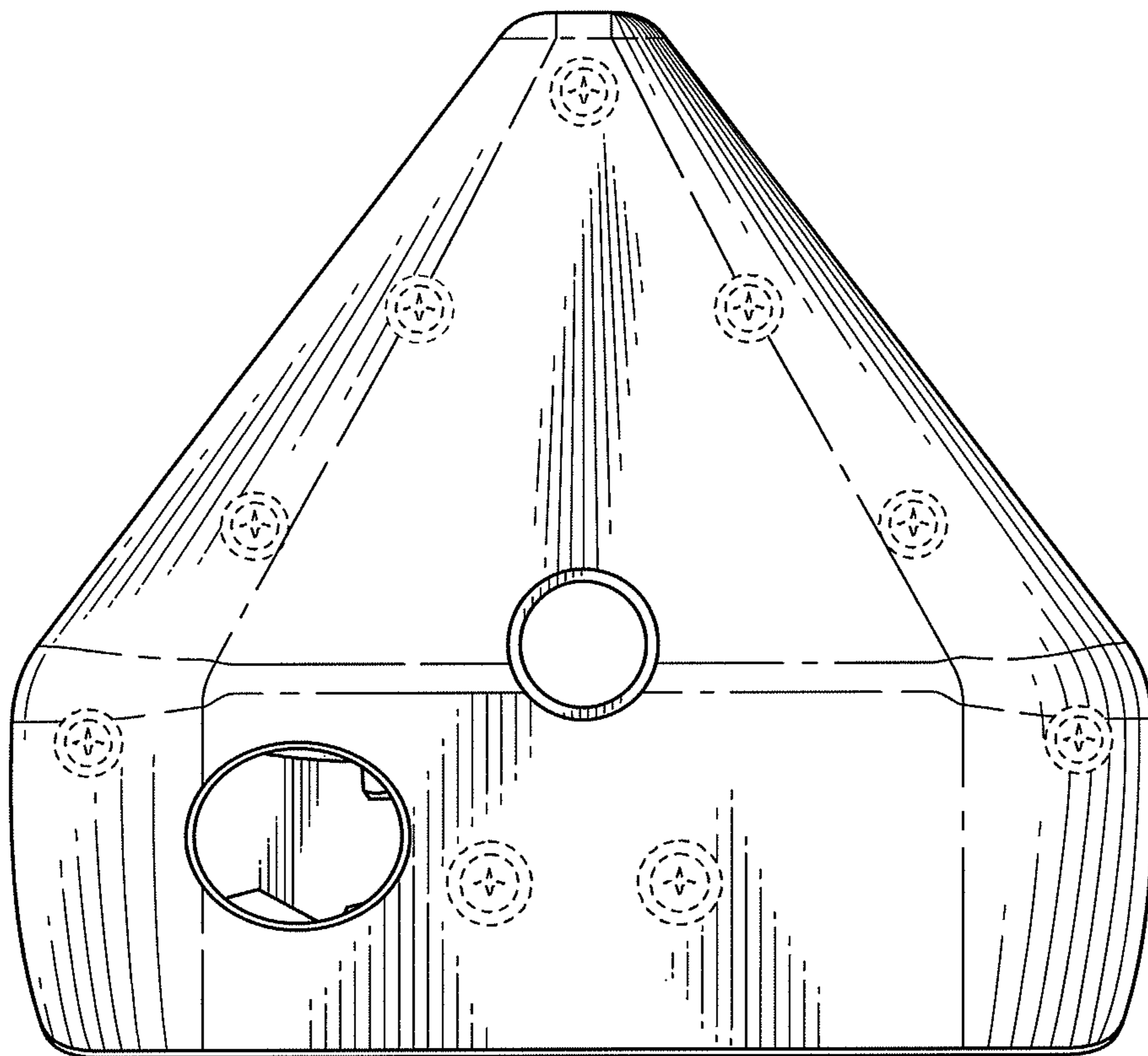


FIG. 9

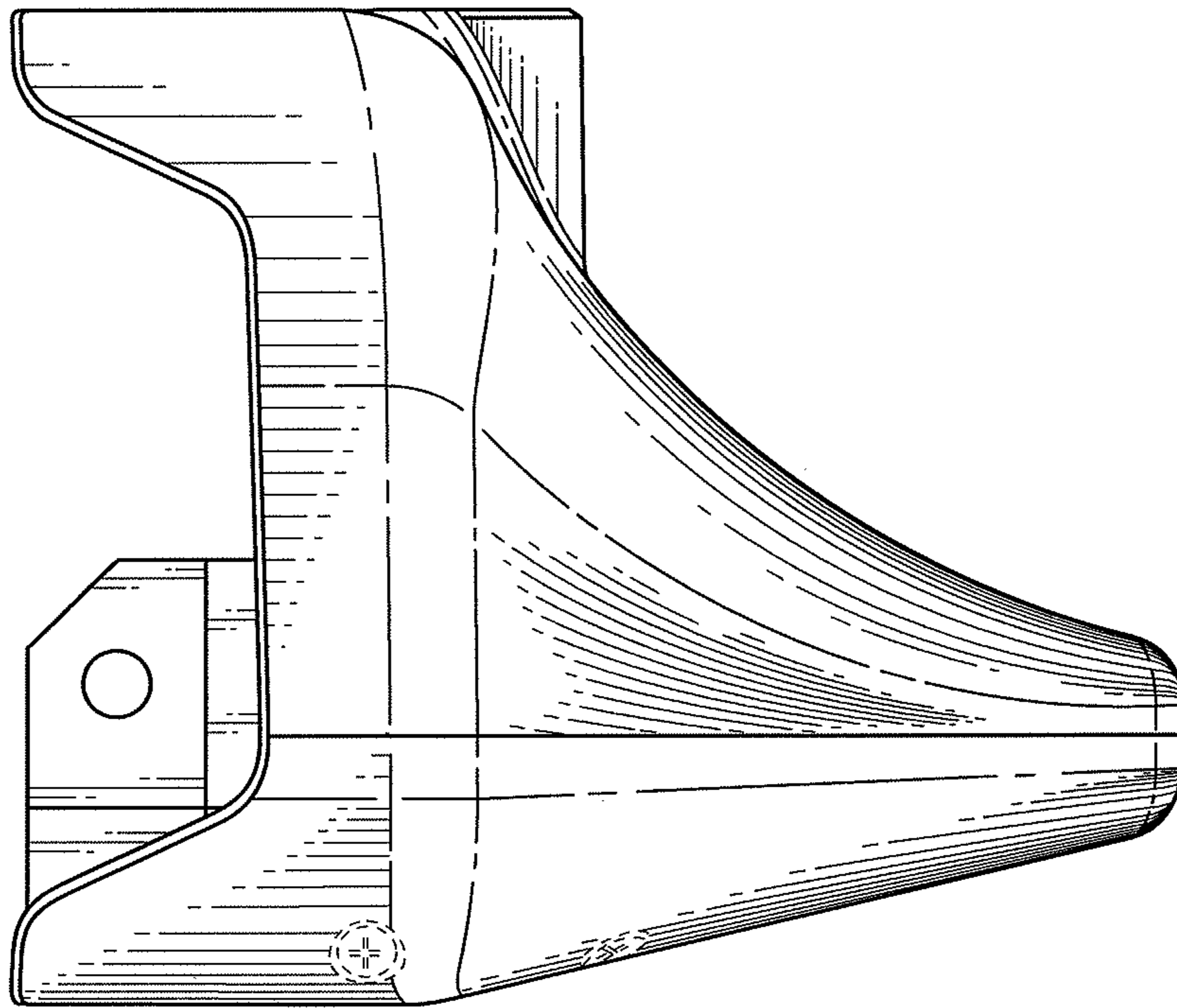


FIG. 10

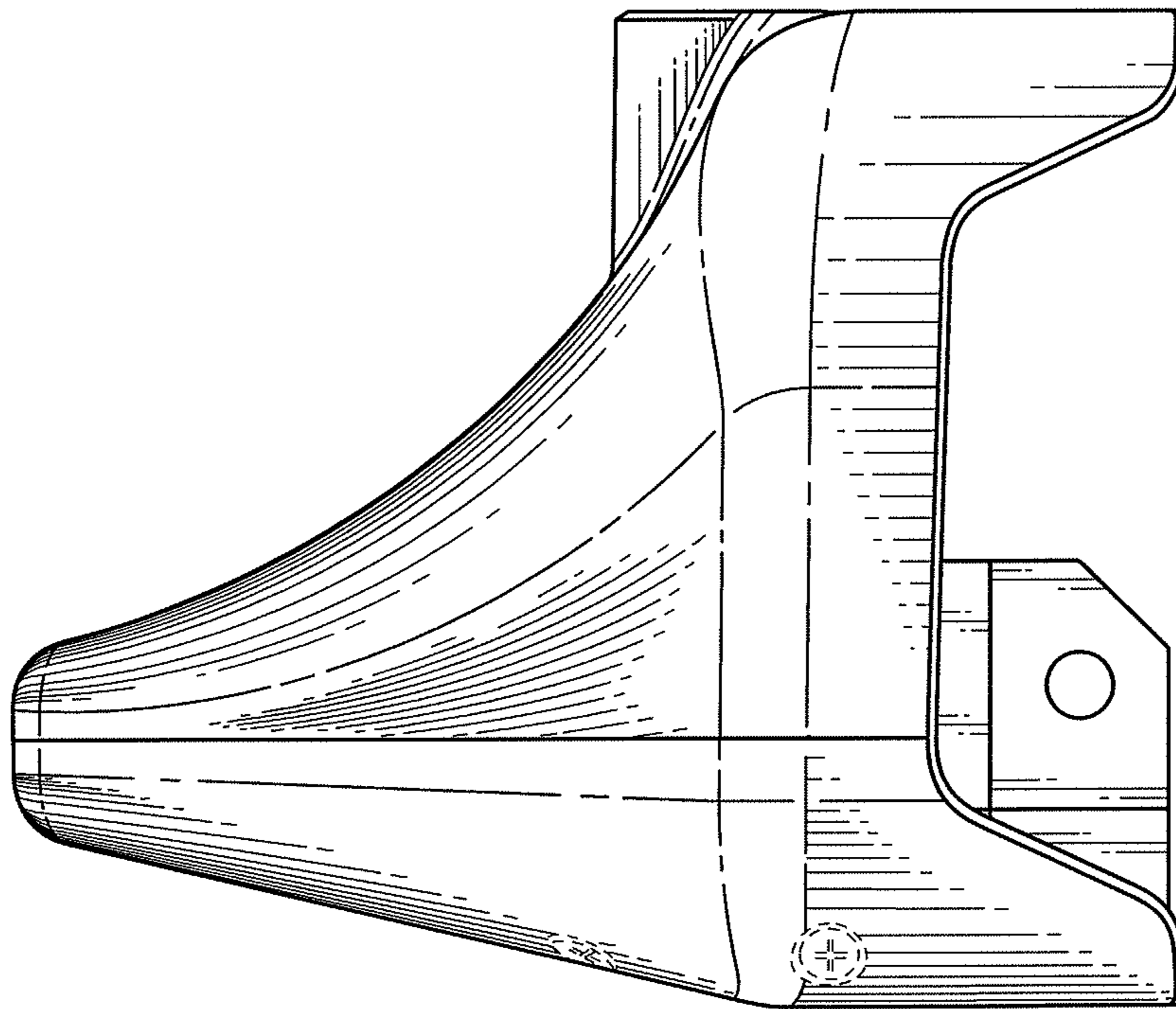


FIG. 11