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

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(54) **SUPPORT CHAIR FOR POURED CONCRETE REINFORCEMENT MEMBERS**

**DESCRIPTION**

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Fontana, CA (US)
- (\*\*) Term: **15 Years**
- (21) Appl. No.: **29/686,143**
- (22) Filed: **Apr. 2, 2019**
- (51) **LOC (13) Cl.** ..... **08-05**
- (52) **U.S. Cl.**  
USPC ..... **D8/354**
- (58) **Field of Classification Search**  
USPC ..... D8/354, 349, 380, 384; 52/677, 678,  
52/679, 682, 684, 686, 687, 745.21, 688,  
52/689; D25/199

(Continued)

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- 1,476,939 A 12/1923 White
- 3,673,753 A 7/1972 Anderson

(Continued)

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 LLP

(57) **CLAIM**

The ornamental design for a support chair for poured concrete reinforcement members, as shown and described.

FIG. 1 is a perspective view, taken from the top, front, and right side, of a support chair for poured concrete reinforcement members, in accordance with a first embodiment of our new design.

FIG. 2 is a perspective view, taken from the top, front, and left side, of the support chair for poured concrete reinforcement members shown in FIG. 1.

FIG. 3 is a front elevation view of the support chair for poured concrete reinforcement members shown in FIG. 1.

FIG. 4 is a right side elevation view of the support chair for poured concrete reinforcement members shown in FIG. 1, the left side elevation view being identical.

FIG. 5 is rear elevation view of the support chair for poured concrete reinforcement members shown in FIG. 1.

FIG. 6 is a top plan view of the support chair for poured concrete reinforcement members shown in FIG. 1.

FIG. 7 is a bottom plan view of the support chair for poured concrete reinforcement members shown in FIG. 1.

FIG. 8 is a perspective view, taken from the top, front, and right side, of a support chair for poured concrete reinforcement members, in accordance with a second embodiment of our new design.

FIG. 9 is a perspective view, taken from the top, front, and left side, of the support chair for poured concrete reinforcement members shown in FIG. 8.

FIG. 10 is a front elevation view of the support chair for poured concrete reinforcement members shown in FIG. 8.

FIG. 11 is a right side elevation view of the support chair for poured concrete reinforcement members shown in FIG. 8, the left side elevation view being identical.

FIG. 12 is a rear elevation view of the support chair for poured concrete reinforcement members shown in FIG. 8.

FIG. 13 is top plan view of the support chair for poured concrete reinforcement members shown in FIG. 8.

FIG. 14 is a bottom plan view of the support chair for poured concrete reinforcement members shown in FIG. 8.

FIG. 15 is a perspective view, taken from the top, front, and right side, of a support chair for poured concrete reinforcement members, in accordance with a third embodiment of our new design.

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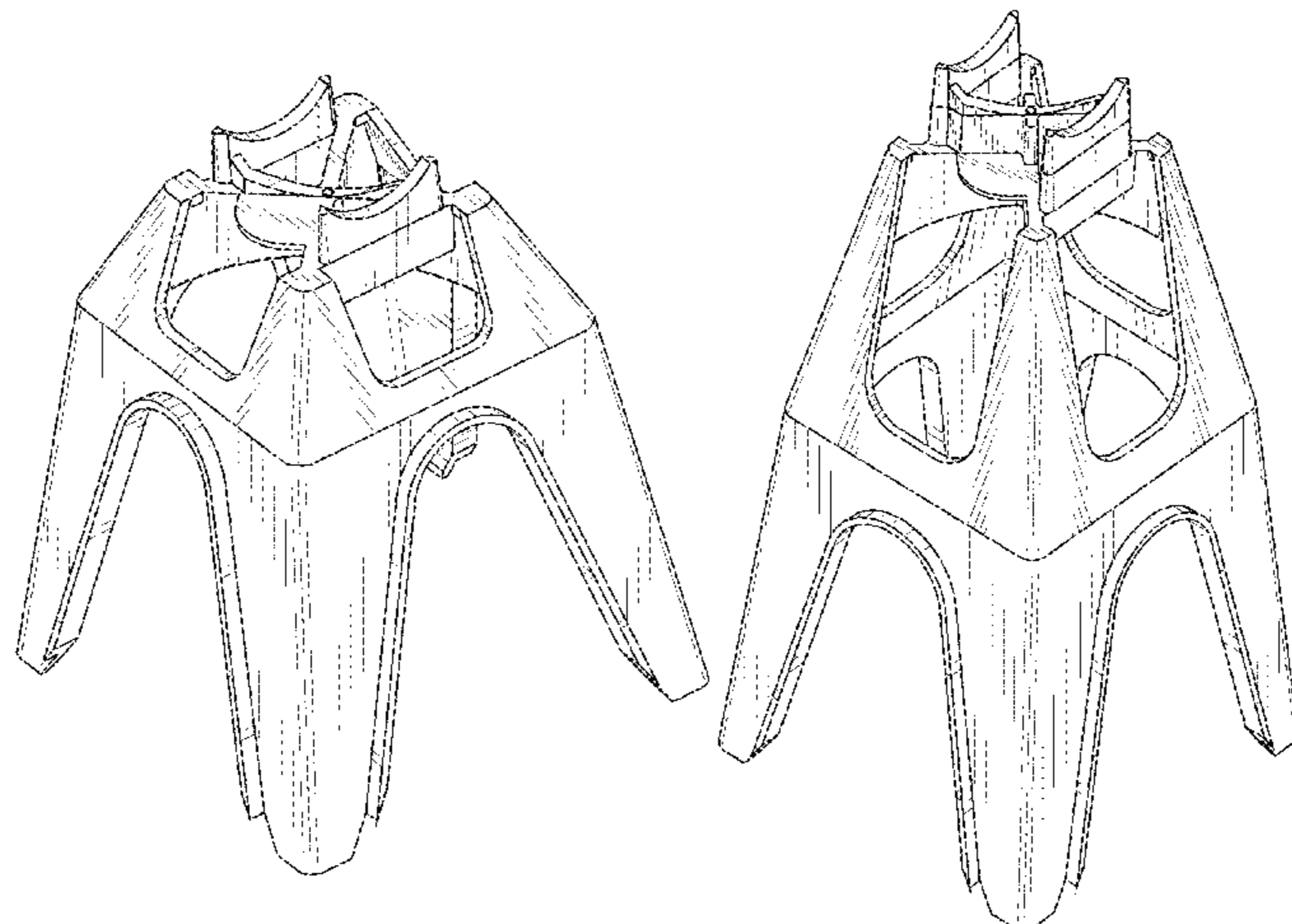


FIG. 16 is a perspective view, taken from the top, front, and left side, of the support chair for poured concrete reinforcement members shown in FIG. 15.

FIG. 17 is a front elevation view of the support chair for poured concrete reinforcement members shown in FIG. 15.

FIG. 18 is a right side elevation view of the support chair for poured concrete reinforcement members shown in FIG. 15, the left side elevation view being identical.

FIG. 19 is a rear elevation view of the support chair for poured concrete reinforcement members shown in FIG. 15.

FIG. 20 is top plan view of the support chair for poured concrete reinforcement members shown in FIG. 15.

FIG. 21 is a bottom plan view of the support chair for poured concrete reinforcement members shown in FIG. 15.

FIG. 22 is a perspective view, taken from the top, front, and right side, of a support chair for poured concrete reinforcement members, in accordance with a fourth embodiment of our new design.

FIG. 23 is a perspective view, taken from the top, front, and left side, of the support chair for poured concrete reinforcement members shown in FIG. 22.

FIG. 24 is a front elevation view of the support chair for poured concrete reinforcement members shown in FIG. 22.

FIG. 25 is a right side elevation view of the support chair for poured concrete reinforcement members shown in FIG. 22, the left side elevation view being identical.

FIG. 26 is a rear elevation view of the support chair for poured concrete reinforcement members shown in FIG. 22.

FIG. 27 is top plan view of the support chair for poured concrete reinforcement members shown in FIG. 22; and,

FIG. 28 is a bottom plan view of the support chair for poured concrete reinforcement members shown in FIG. 22.

**1 Claim, 12 Drawing Sheets**

(58) **Field of Classification Search**

CPC ... E04C 5/20; E04C 5/206; E04C 5/18; E04C 5/168

See application file for complete search history.

(56)

**References Cited**

U.S. PATENT DOCUMENTS

3,693,310	A	9/1972	Middleton	
4,060,954	A *	12/1977	Liuzza .....	E04C 5/168 52/677
4,756,641	A	7/1988	Hartzheim	
4,835,933	A	6/1989	Yung	
5,107,654	A	4/1992	Leonardis	
D334,133	S	3/1993	Hartzheim	
5,729,949	A	3/1998	Hartzheim	
D394,200	S	5/1998	Hartzheim	
5,791,095	A	8/1998	Sorkin	
5,893,252	A	4/1999	Hardy, Jr. et al.	
D421,709	S *	3/2000	Haslem .....	D8/354
D428,501	S *	7/2000	Haslem .....	D25/199
6,089,522	A	7/2000	Haslem et al.	
D443,197	S	6/2001	Padrun	
6,276,108	B1	8/2001	Padrun	
6,557,317	B2	5/2003	Sorkin	
6,663,316	B1	12/2003	Harris	
6,684,594	B1	2/2004	Sorkin	
6,684,595	B1	2/2004	Sorkin	
D500,243	S *	12/2004	Turek .....	D8/354
6,837,017	B2	1/2005	Hardy, Jr. et al.	
6,925,771	B2	8/2005	Lee et al.	
7,237,367	B1 *	7/2007	Sorkin .....	E04C 5/20 52/687
D548,056	S *	8/2007	Erickson .....	D8/354
D578,379	S *	10/2008	Sorkin .....	D8/354
D578,870	S *	10/2008	Sorkin .....	D8/354
D594,737	S *	6/2009	Kelly .....	D6/349
D595,117	S *	6/2009	Sorkin .....	D6/349
7,775,010	B2	8/2010	Lee et al.	
7,845,136	B1 *	12/2010	Sorkin .....	E04C 5/20 52/687
7,870,703	B1 *	1/2011	Sorkin .....	E04C 5/18 52/687
8,322,108	B2	12/2012	Lee et al.	
D719,817	S *	12/2014	Perry .....	D8/354
D738,194	S *	9/2015	Baldoni .....	D8/354
D738,195	S *	9/2015	Perry .....	D8/354
D889,940	S *	7/2020	Gilner .....	D8/354
2009/0044481	A1 *	2/2009	Turek .....	E04C 5/20 52/687
2013/0125498	A1 *	5/2013	Lowery .....	E04C 5/167 52/677

\* cited by examiner

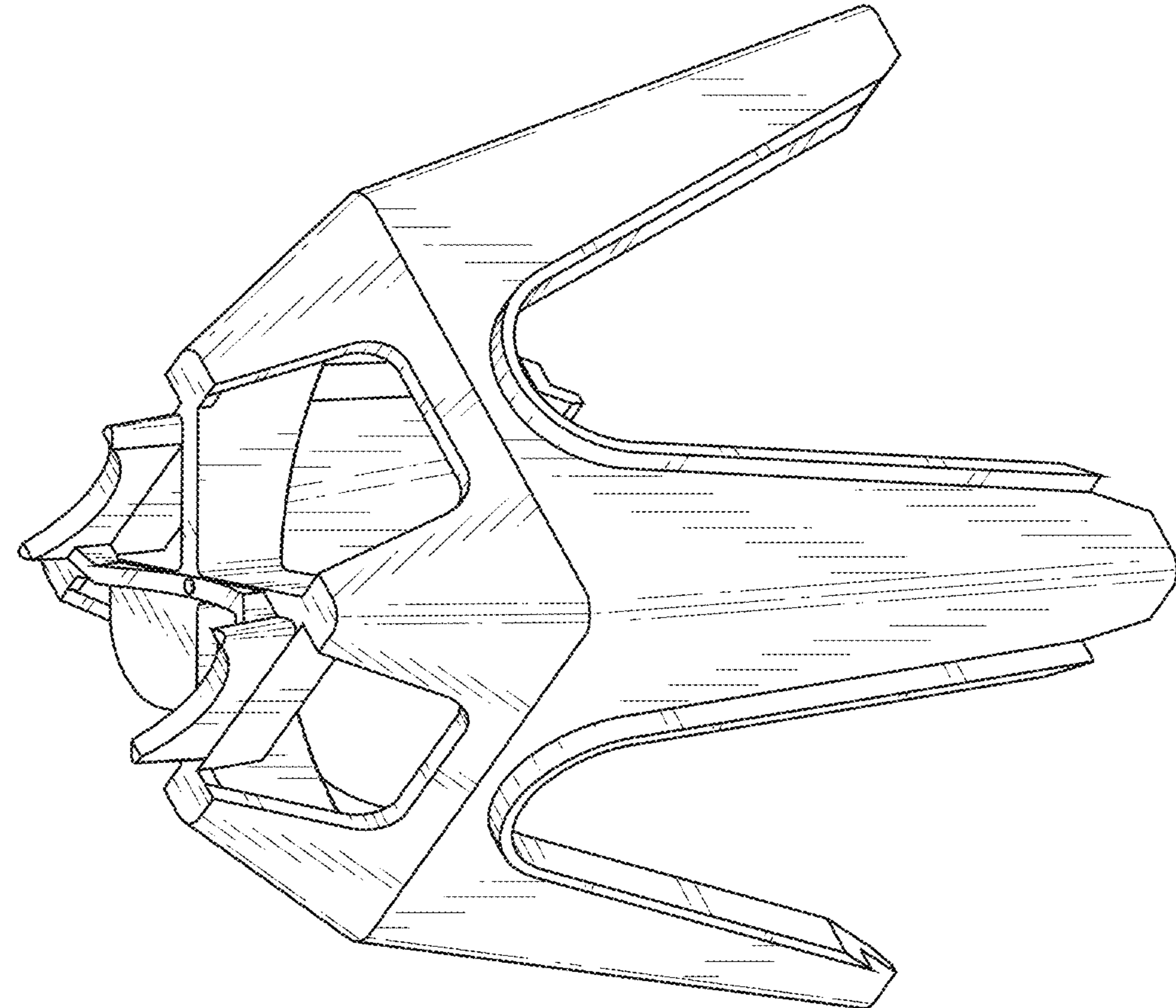


FIG. 1

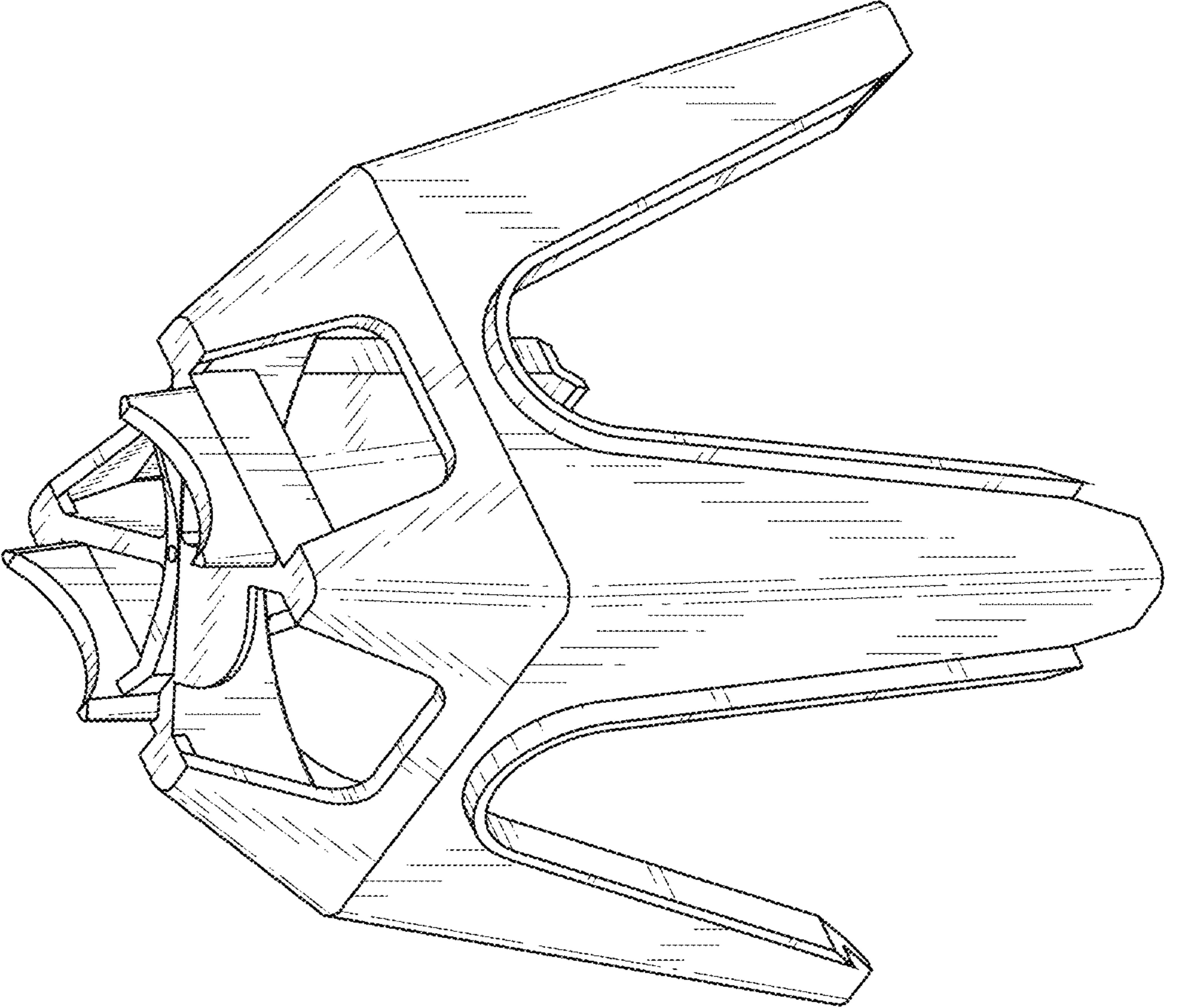


FIG. 2

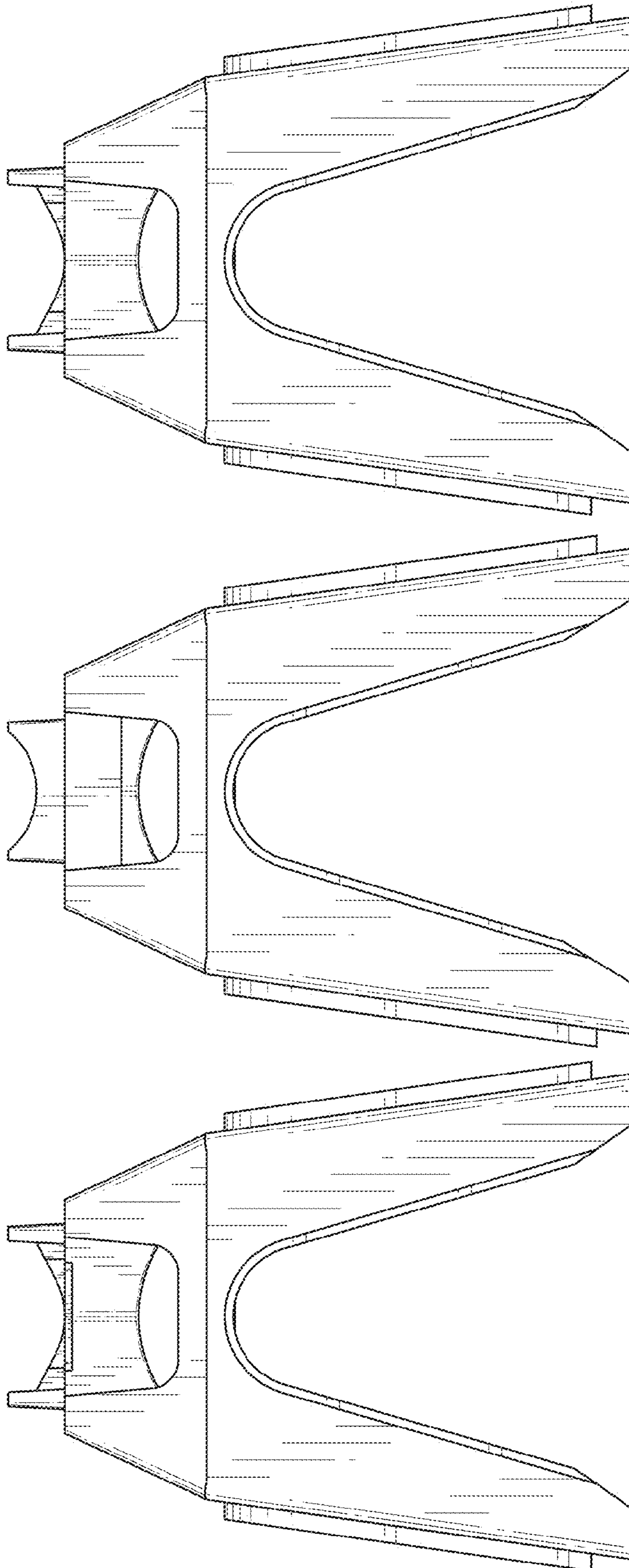


FIG. 5

FIG. 4

FIG. 3

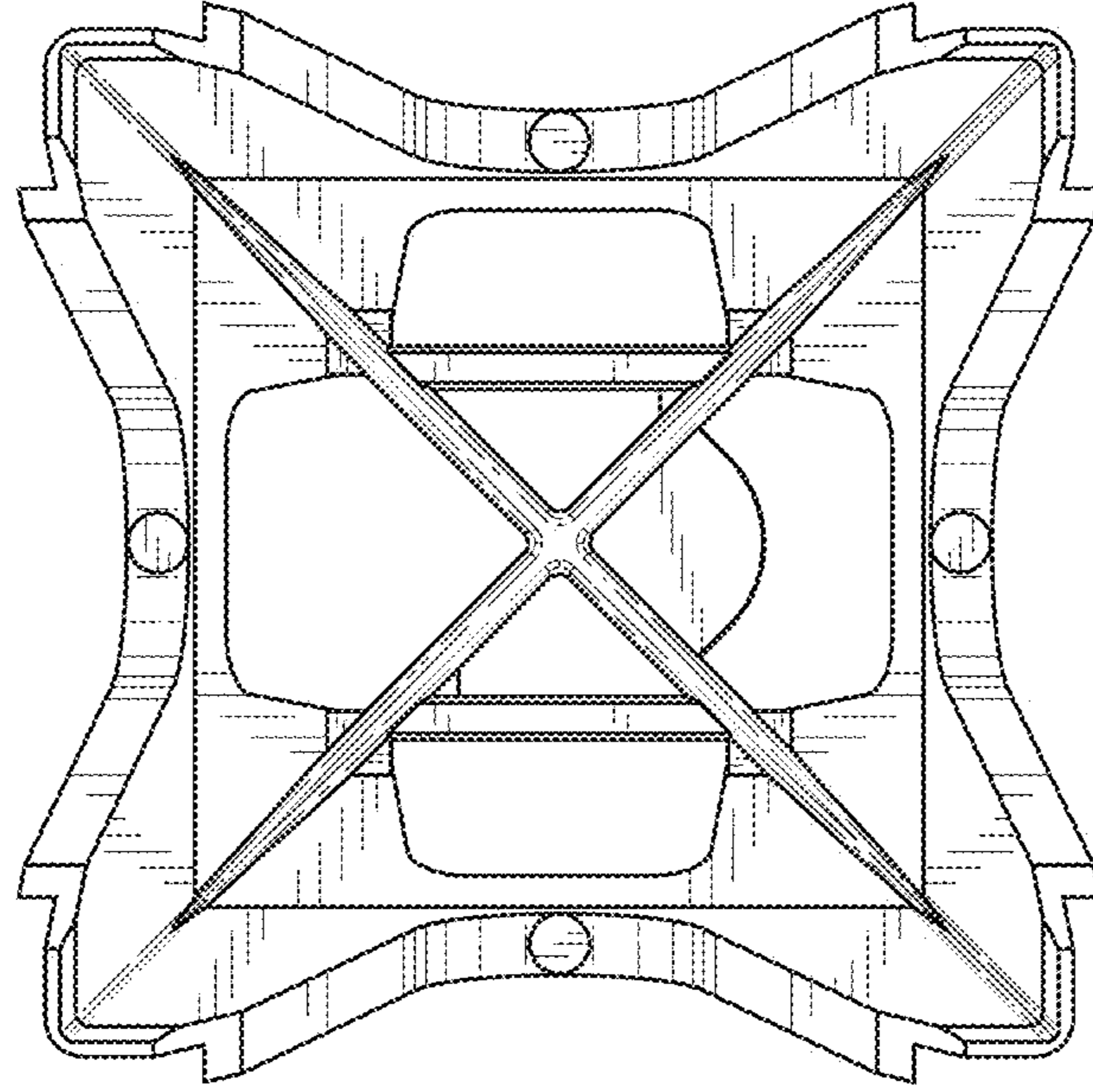


FIG. 7

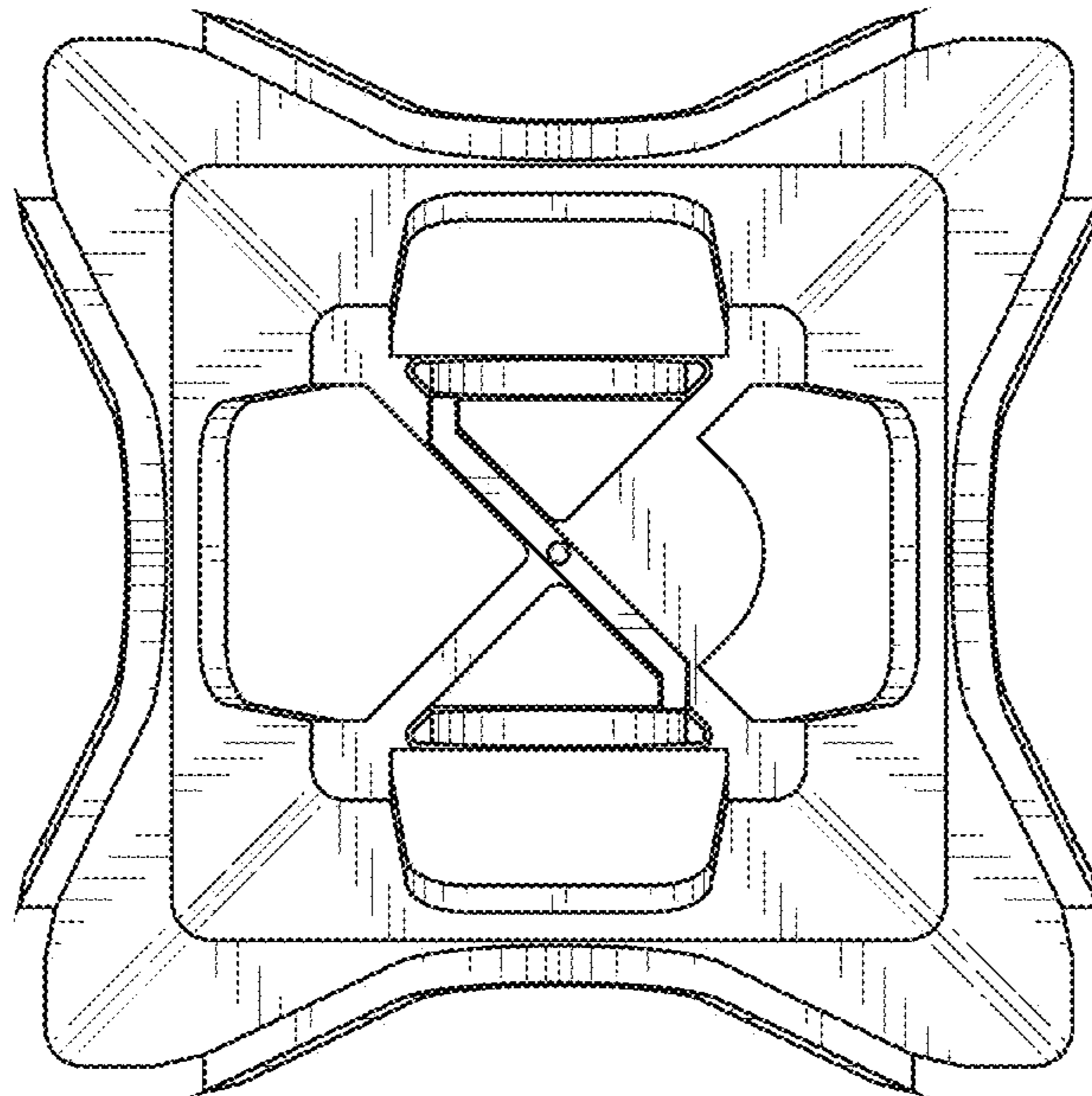


FIG. 6

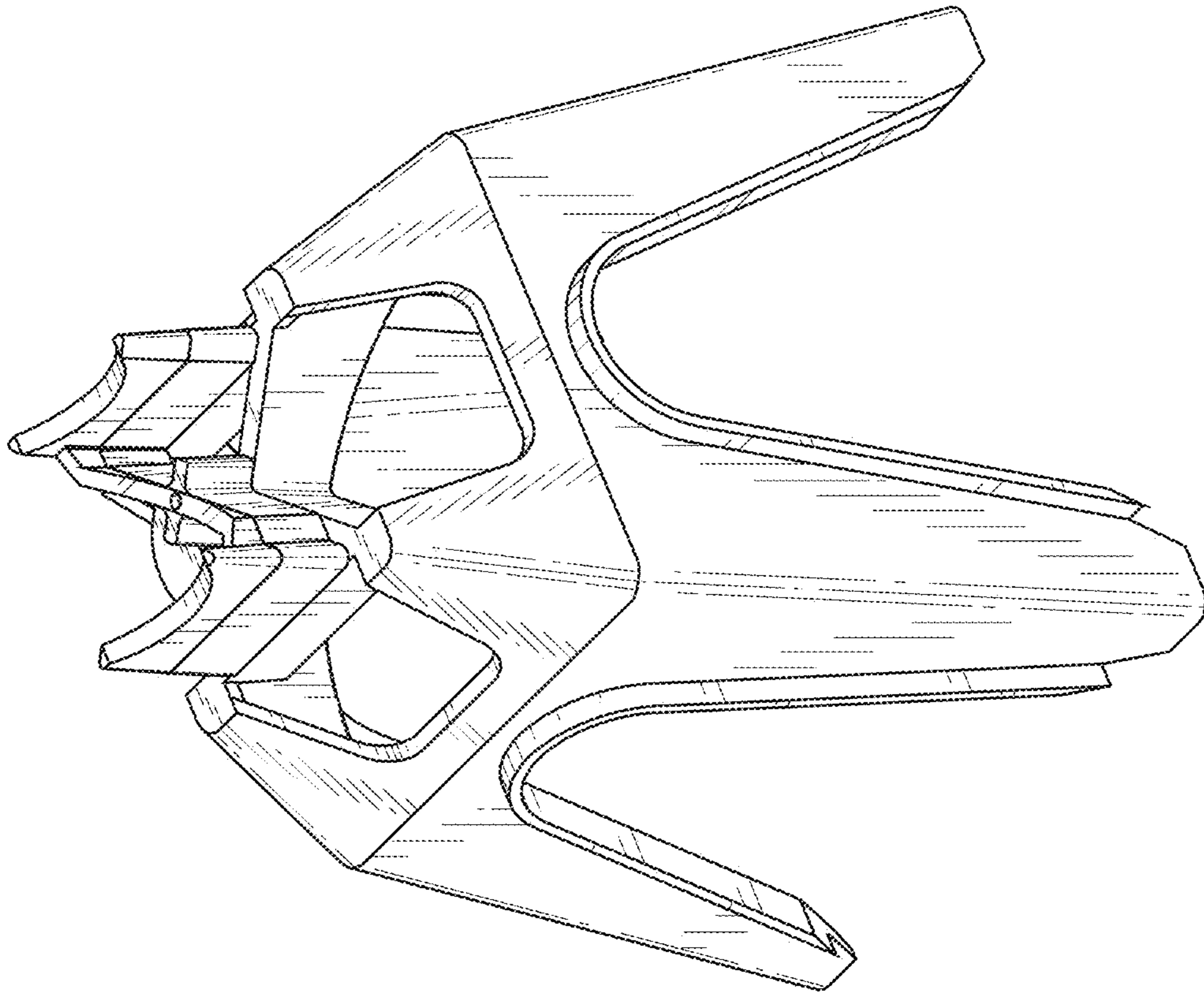


FIG. 9

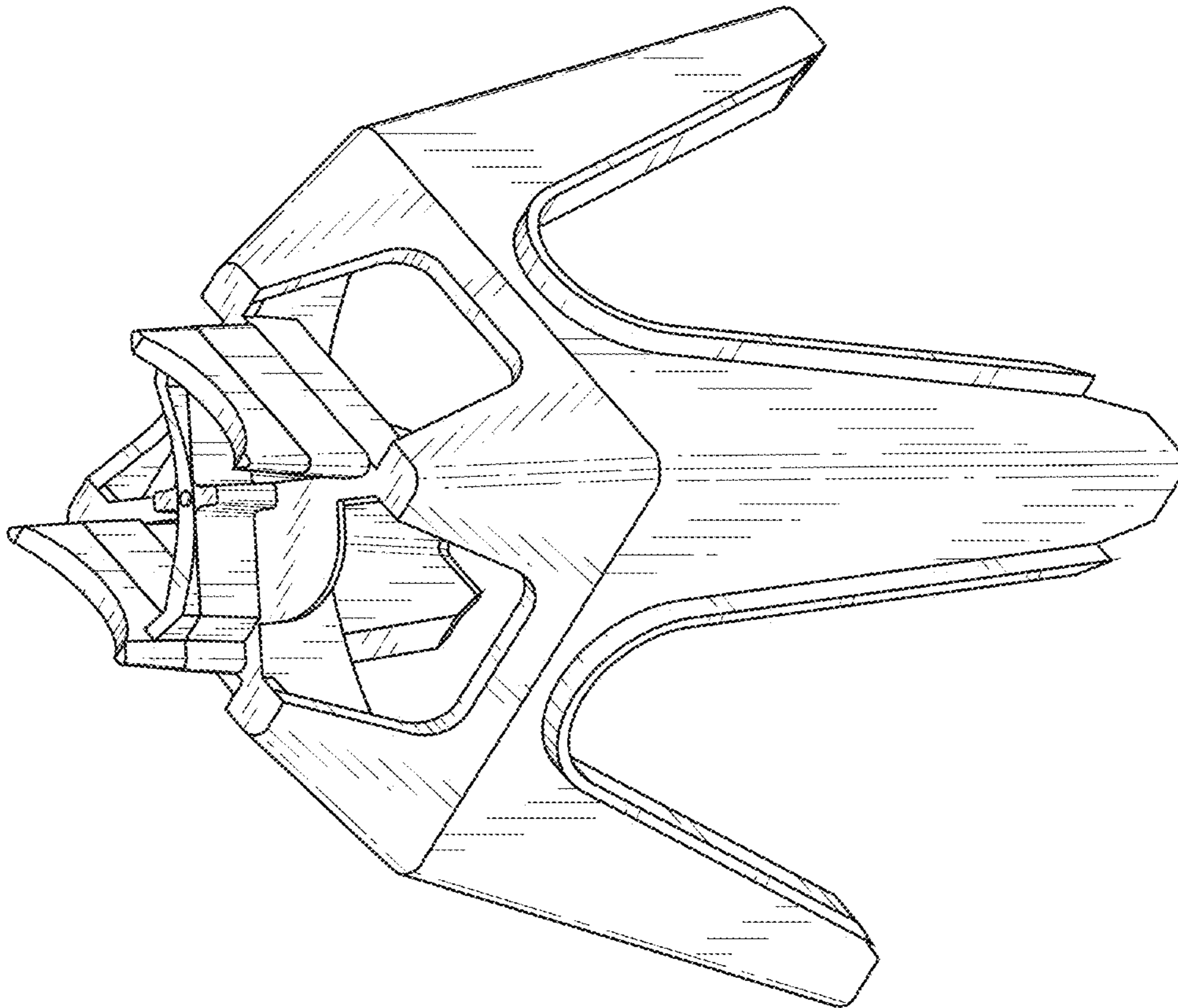


FIG. 8

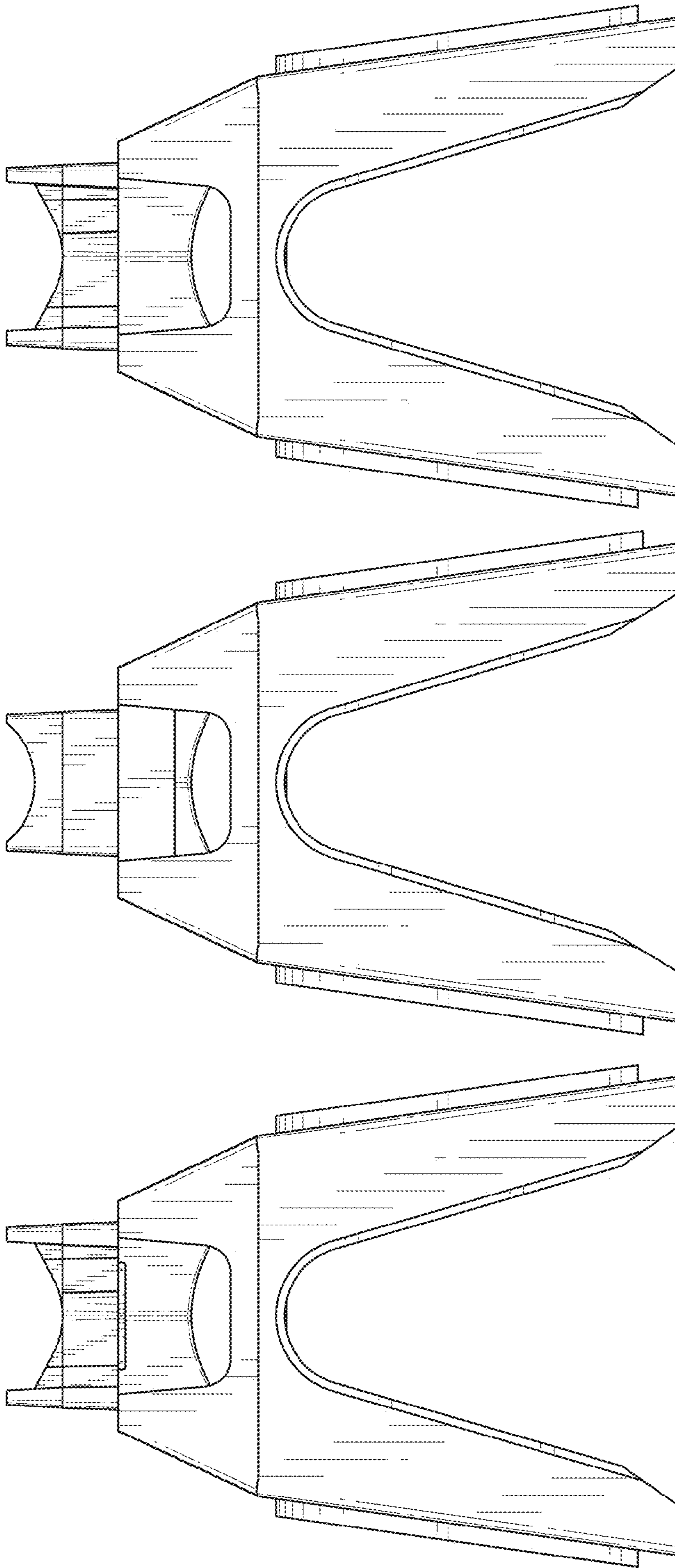


FIG. 10

FIG. 11

FIG. 12

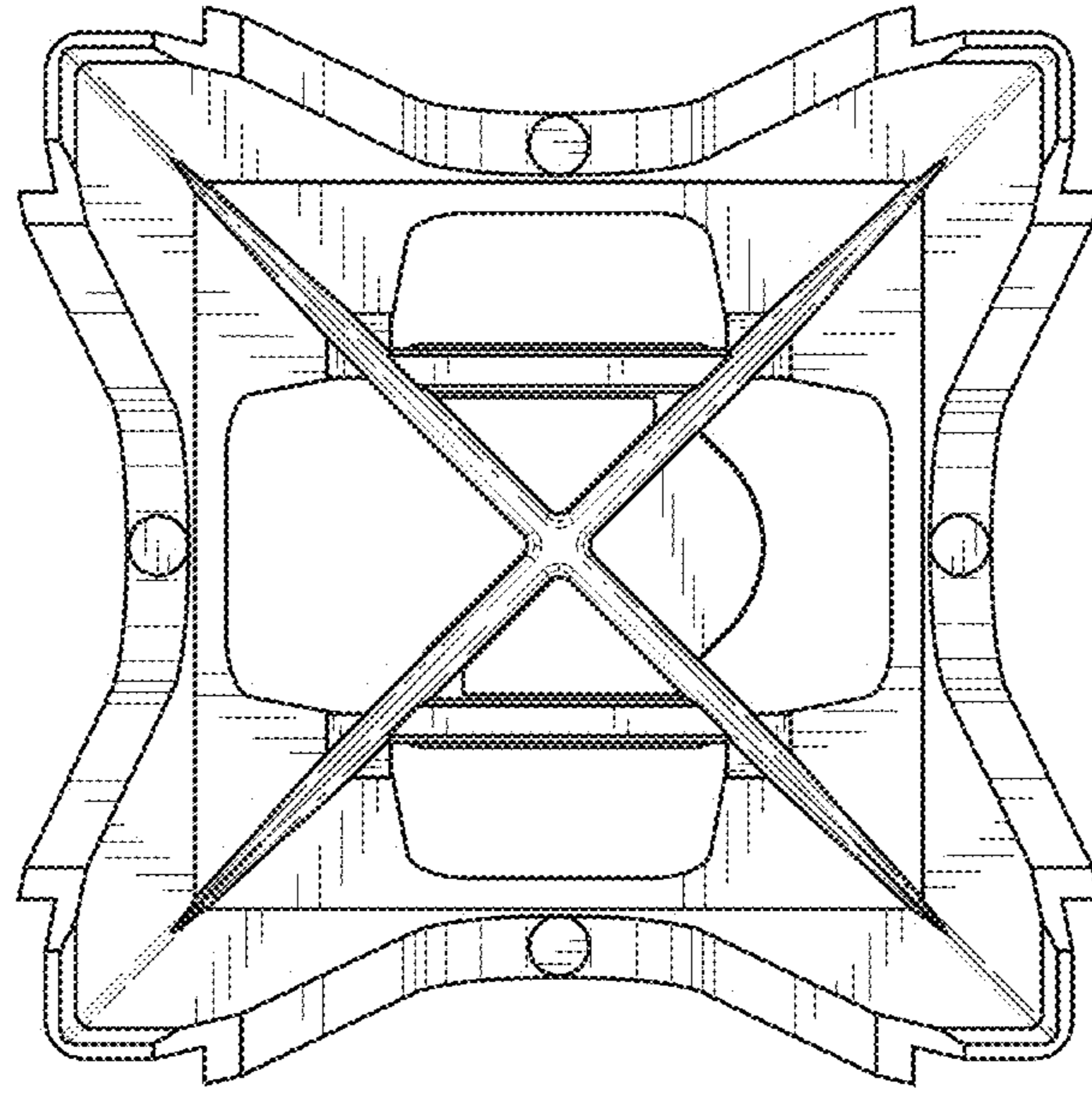


FIG. 14

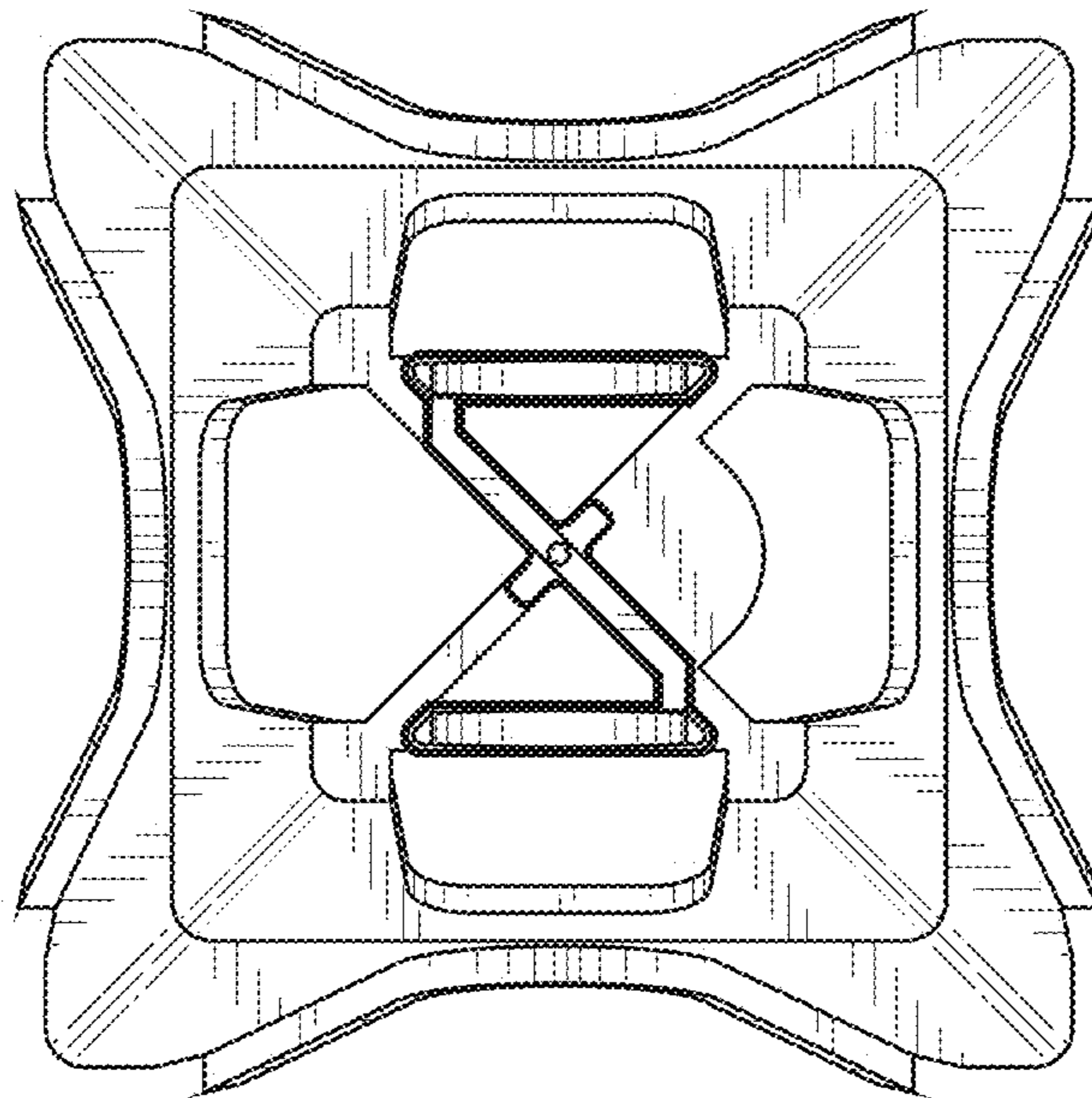
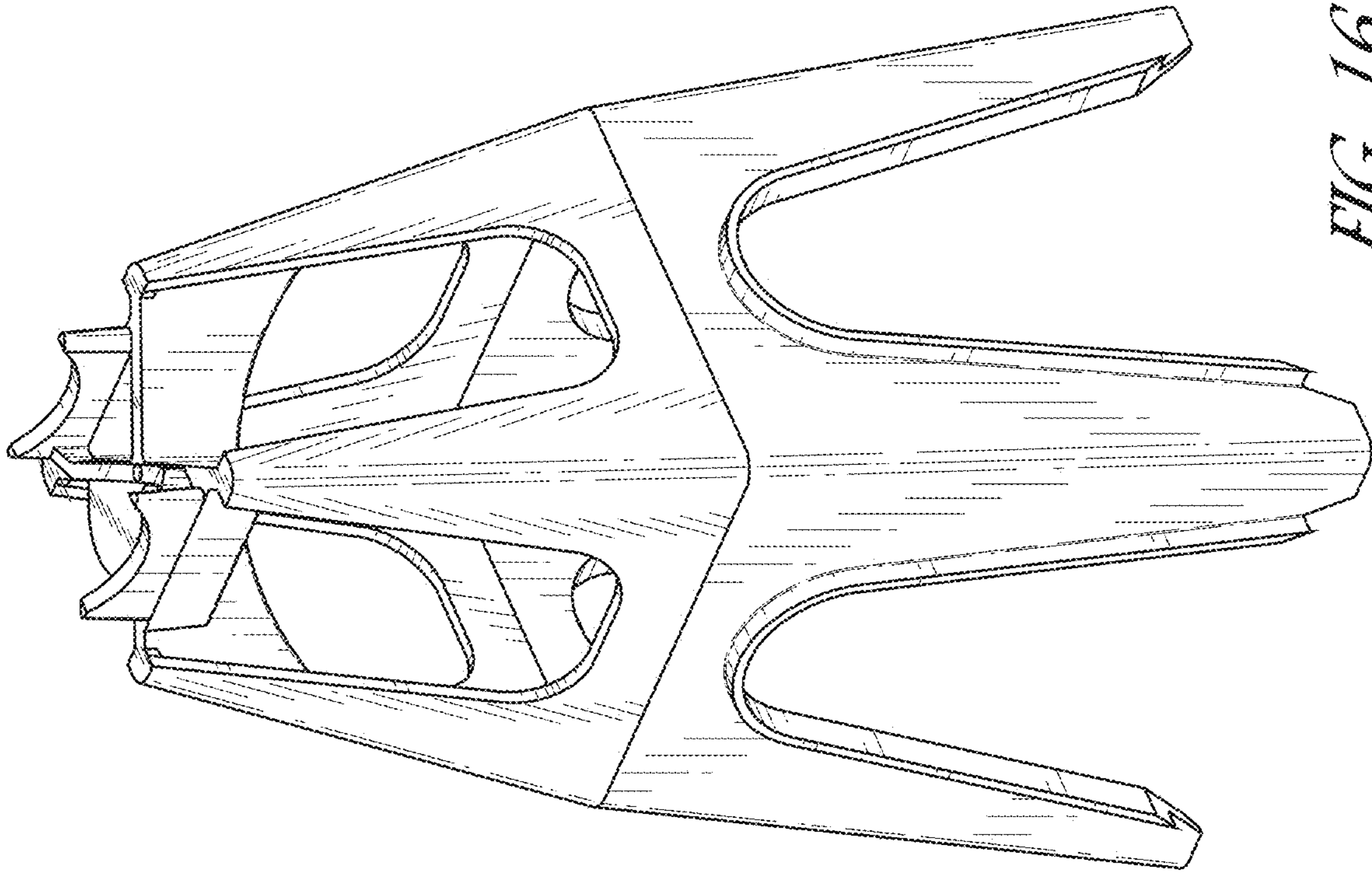
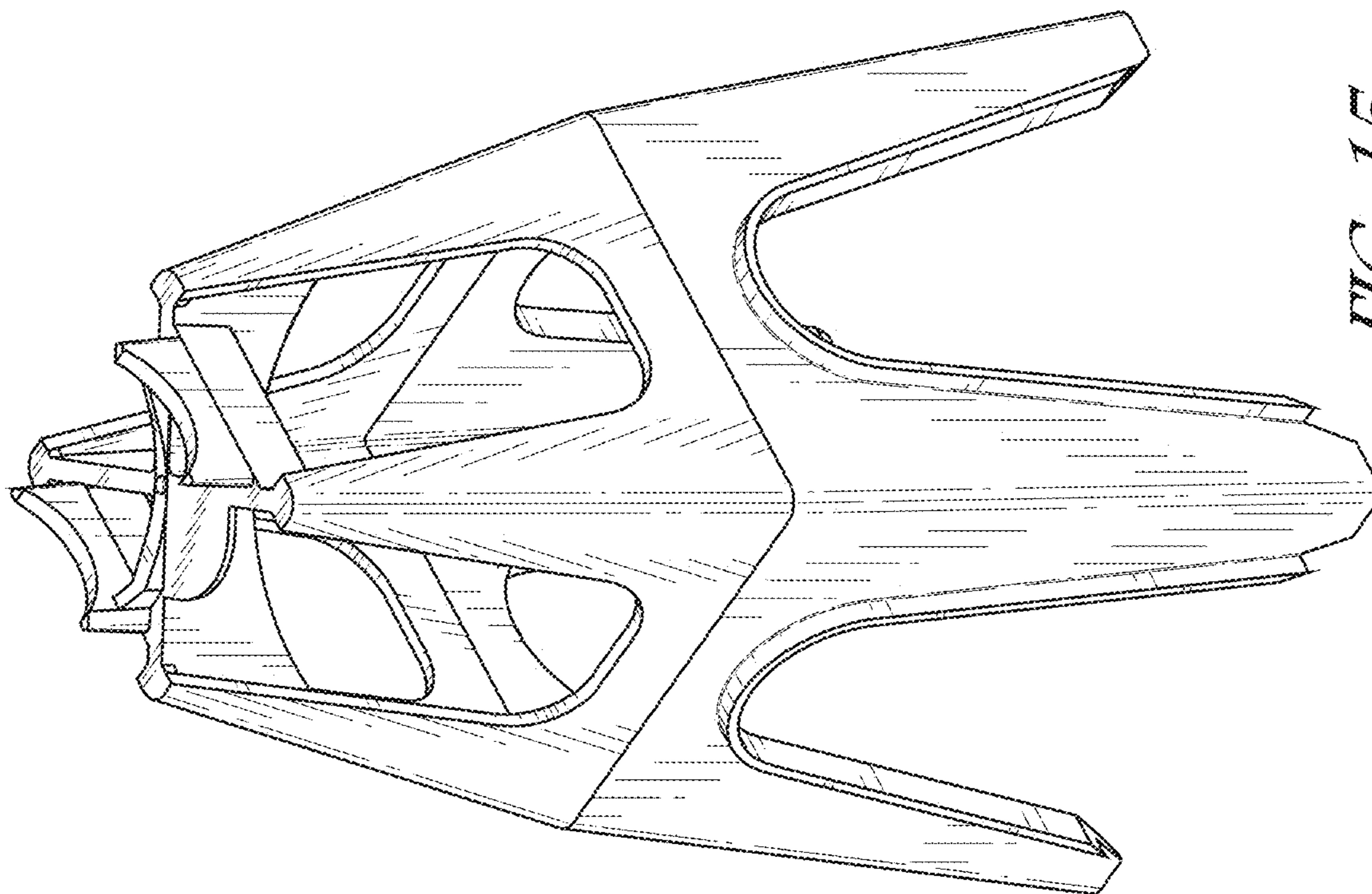


FIG. 13





*FIG. 16*



*FIG. 15*

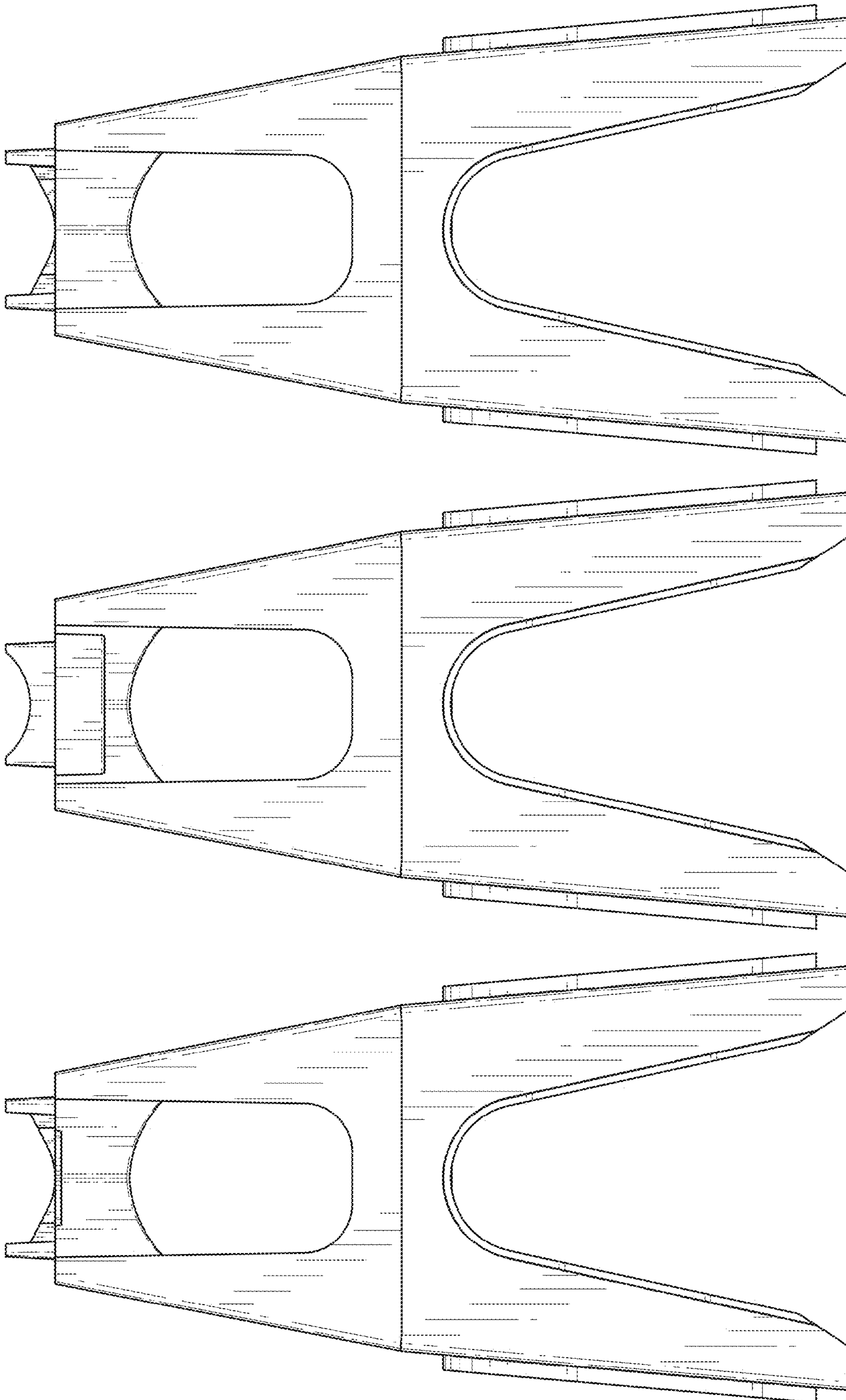


FIG. 19

FIG. 18

FIG. 17

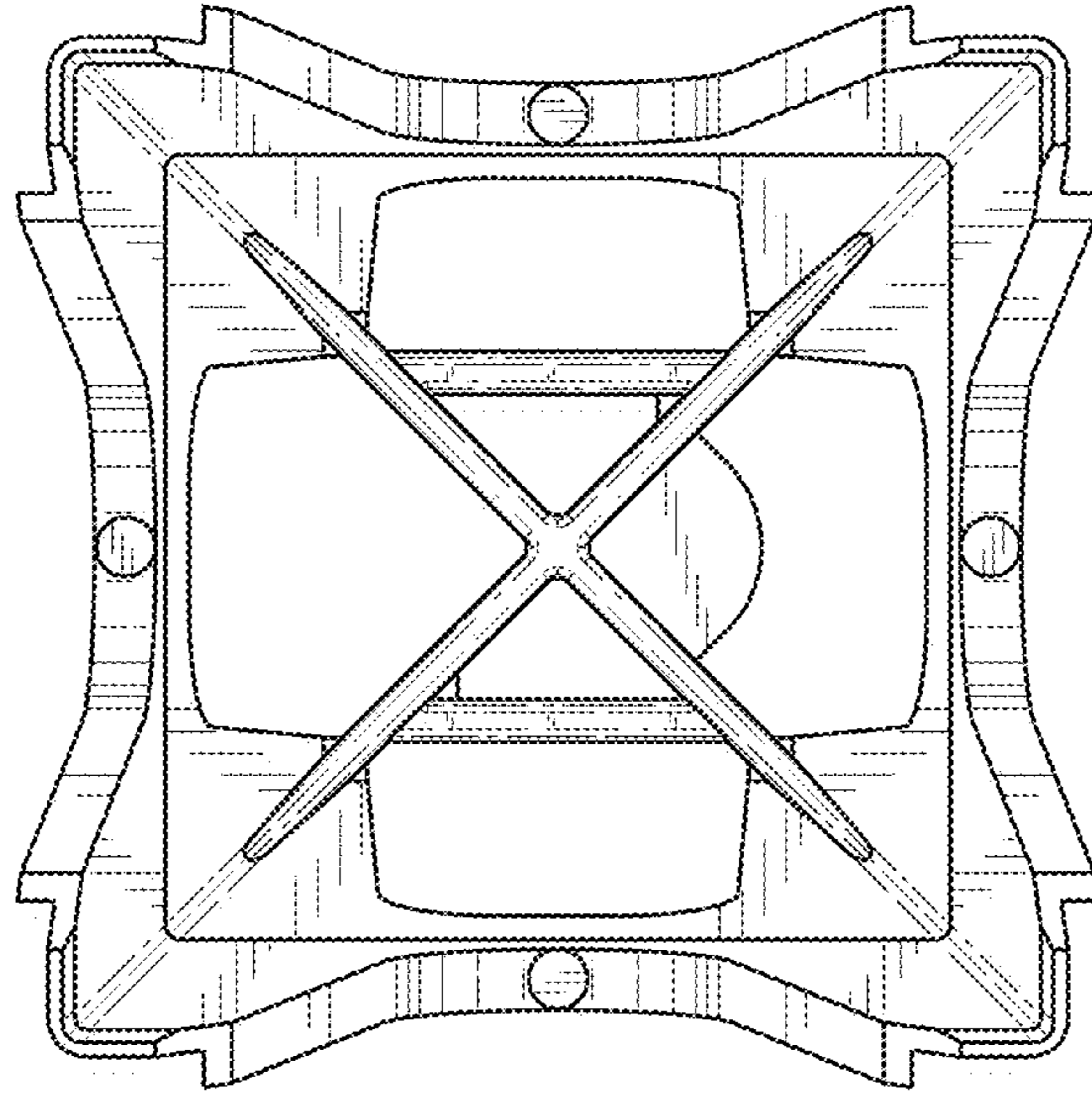


FIG. 21

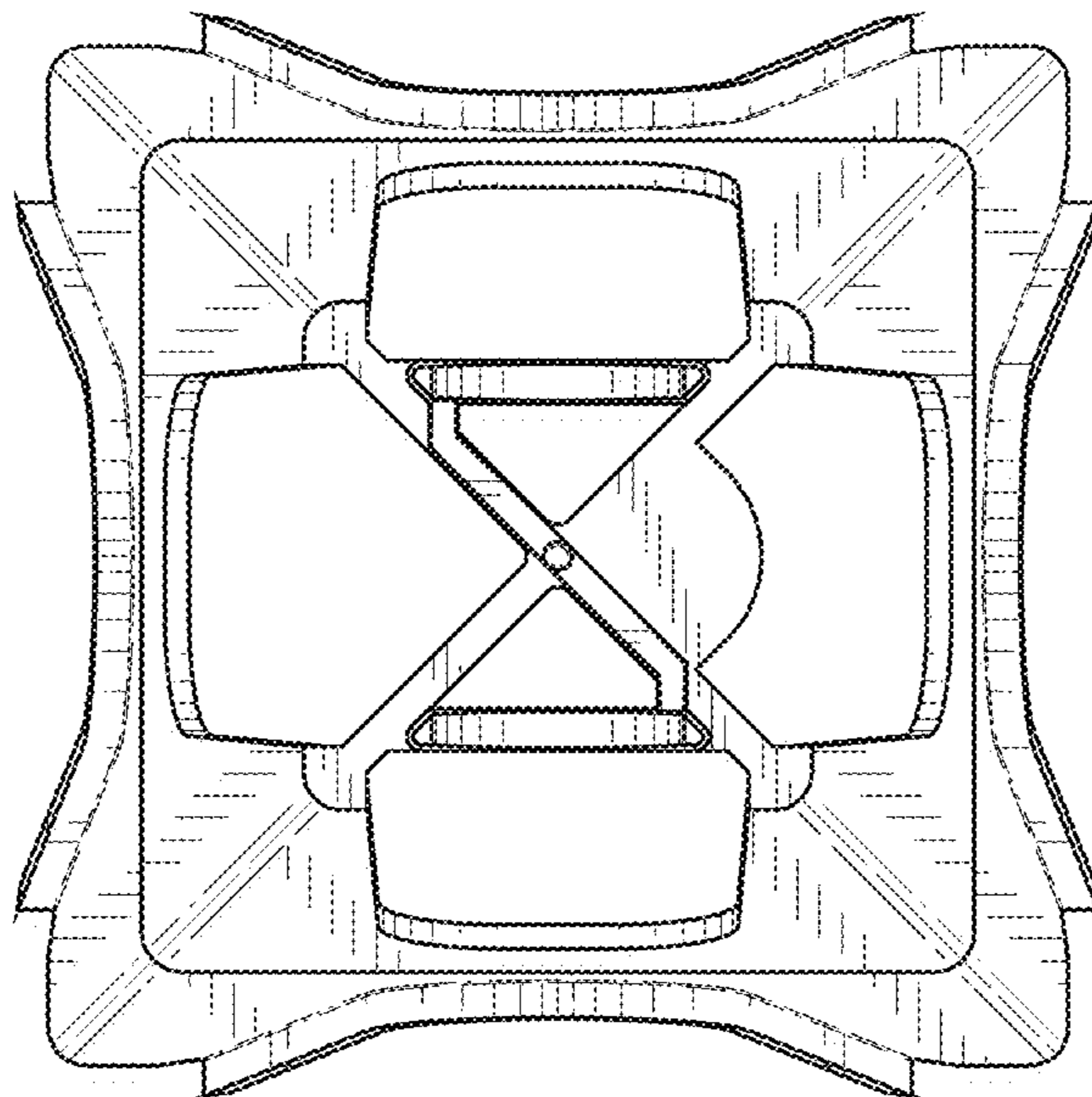


FIG. 20

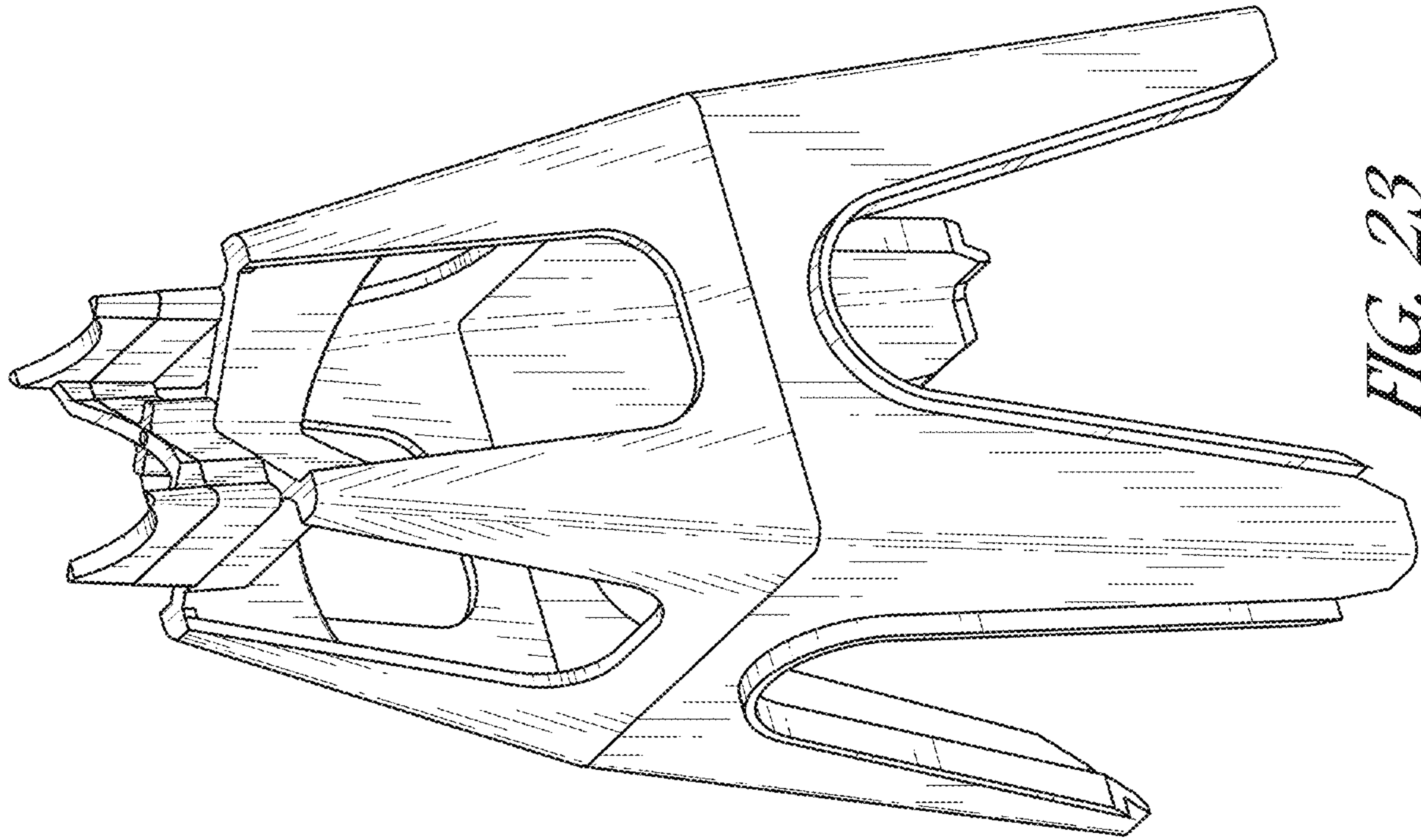


FIG. 23

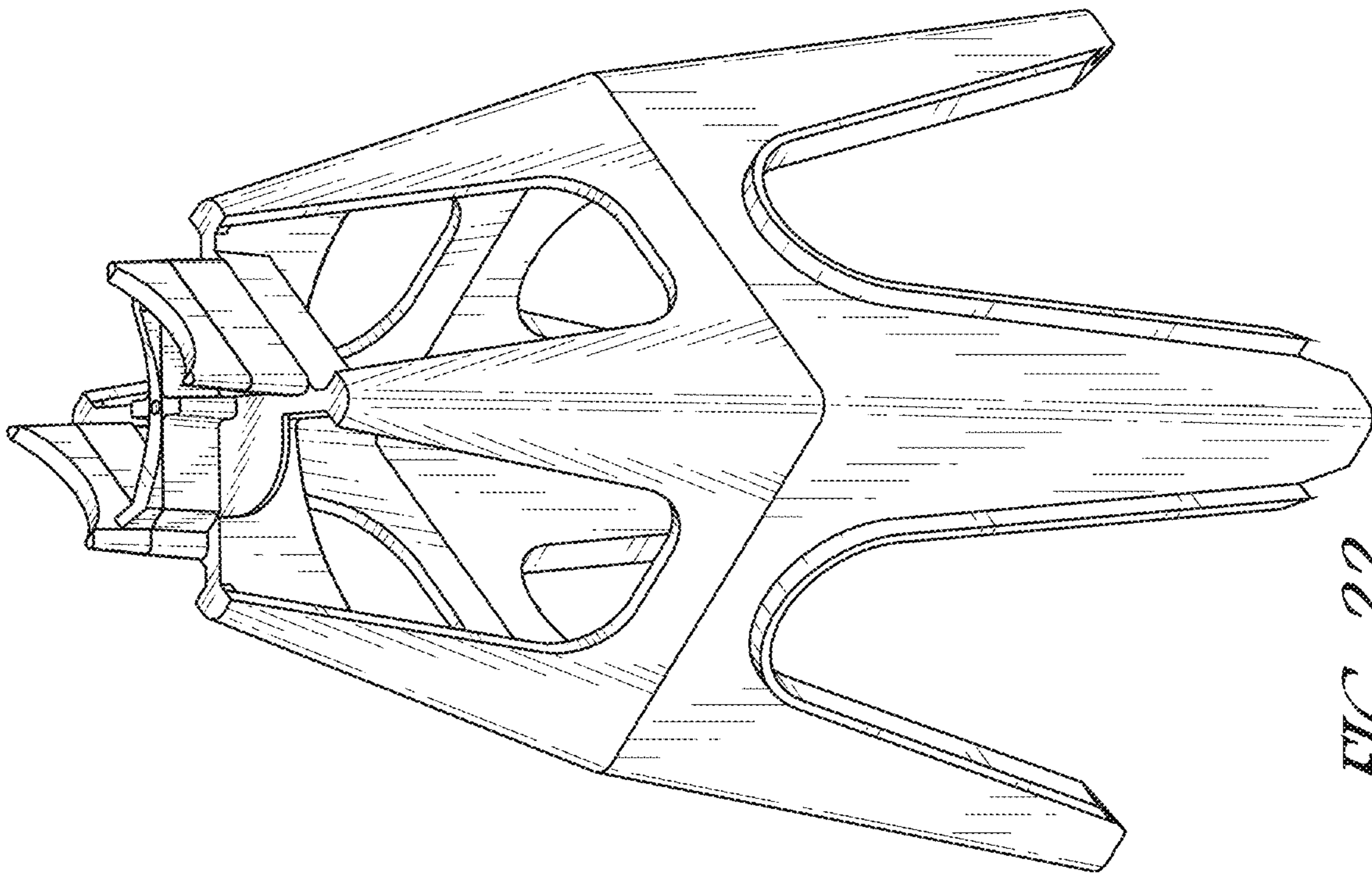


FIG. 22

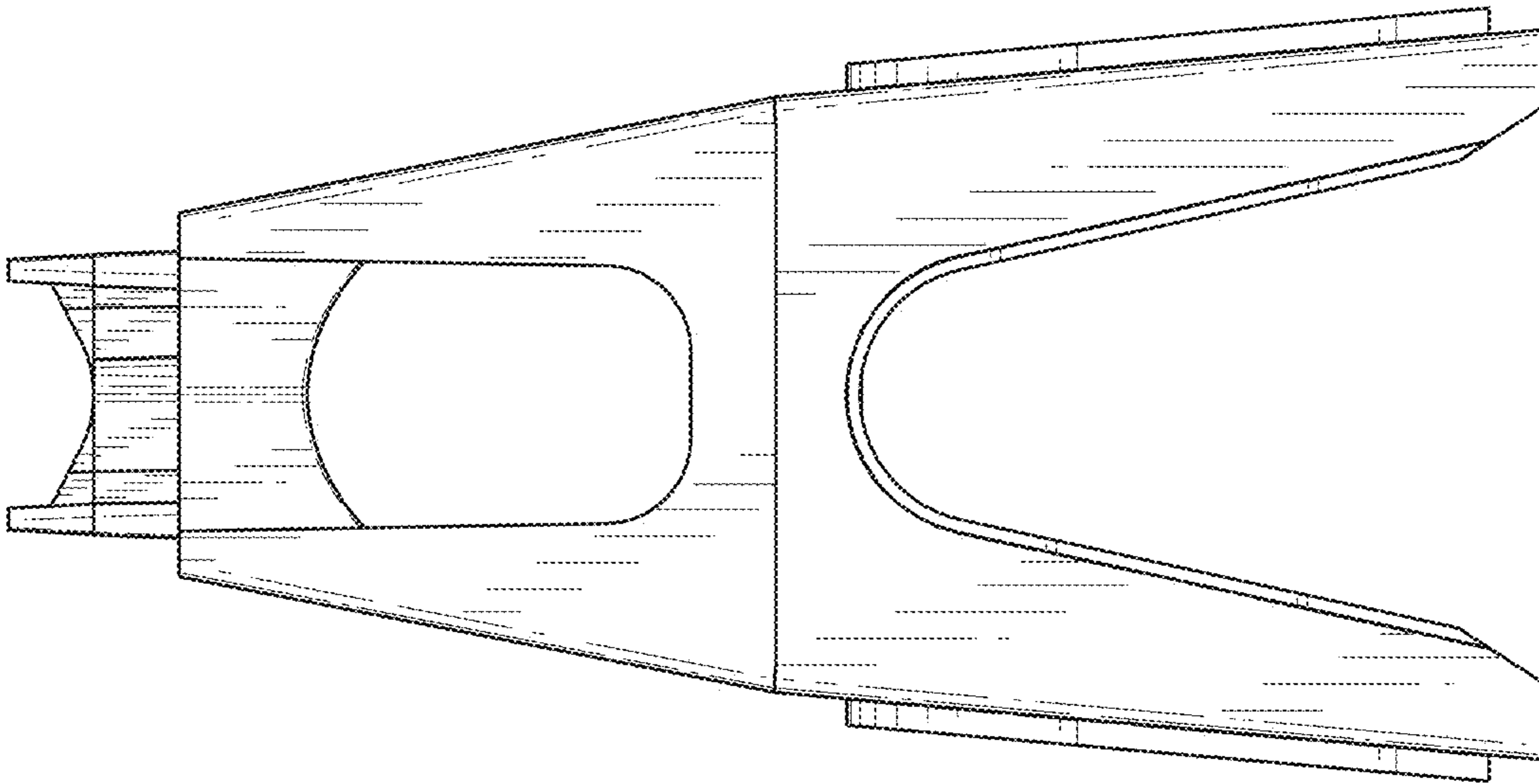


FIG. 24

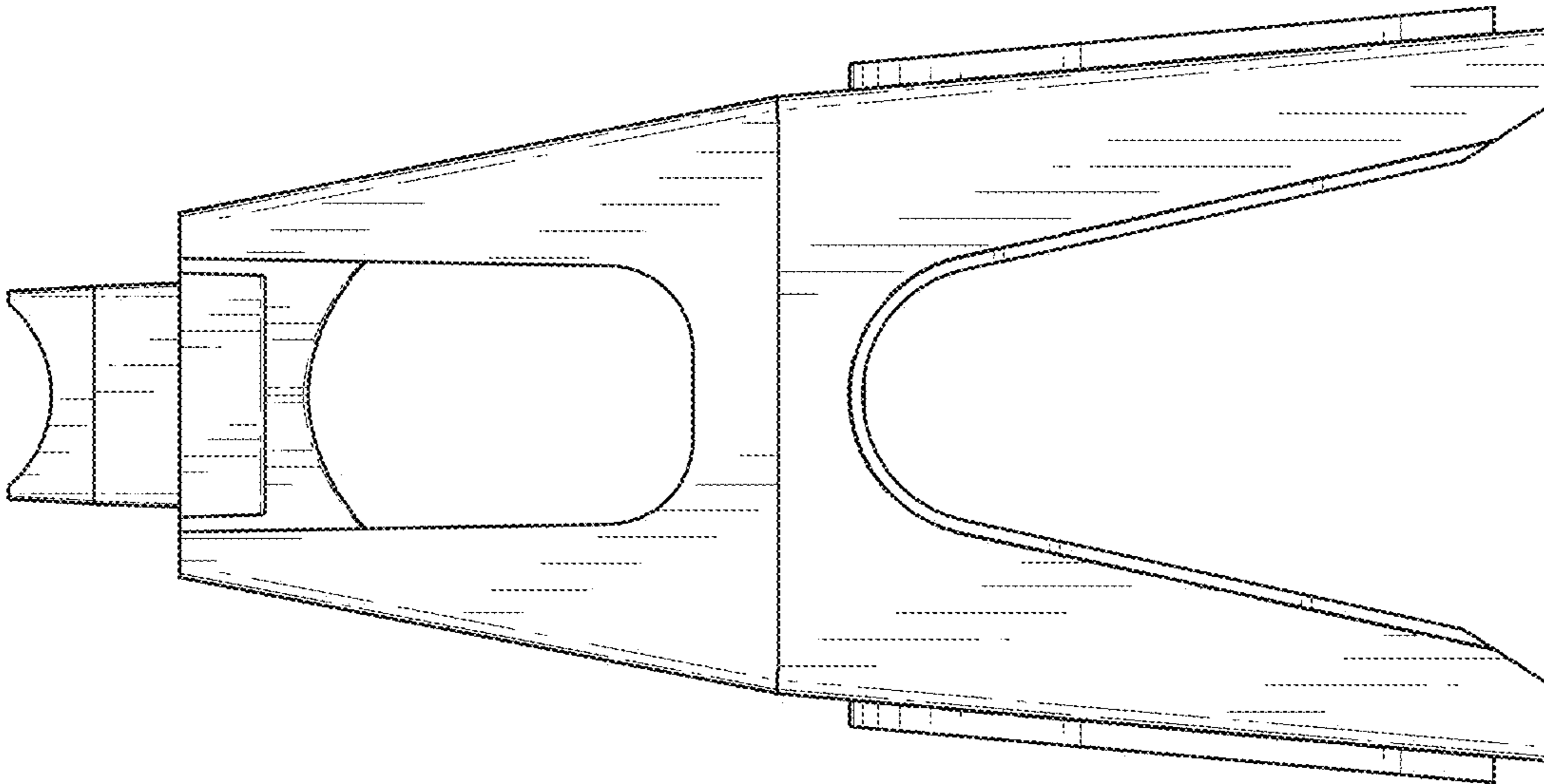


FIG. 25

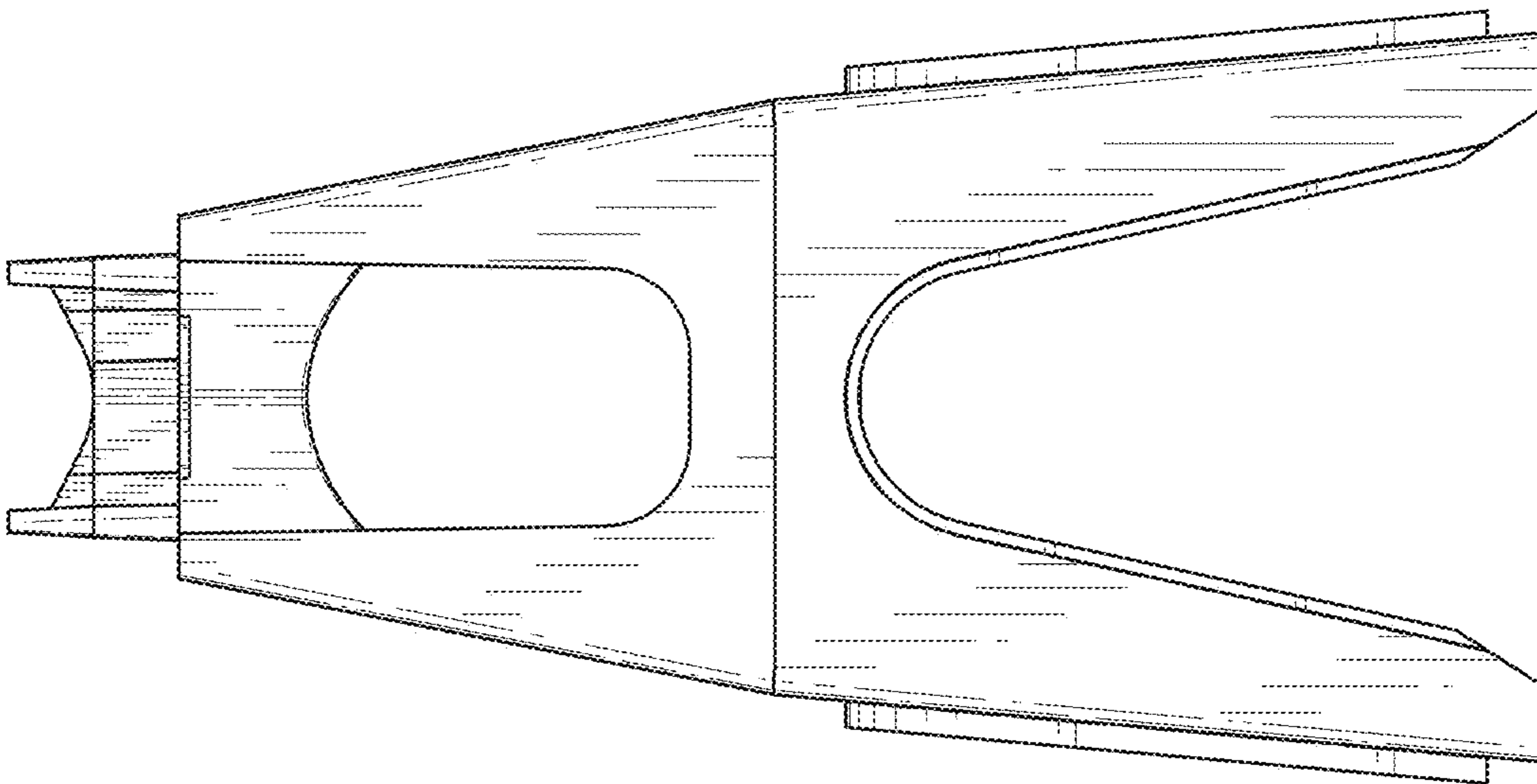


FIG. 26

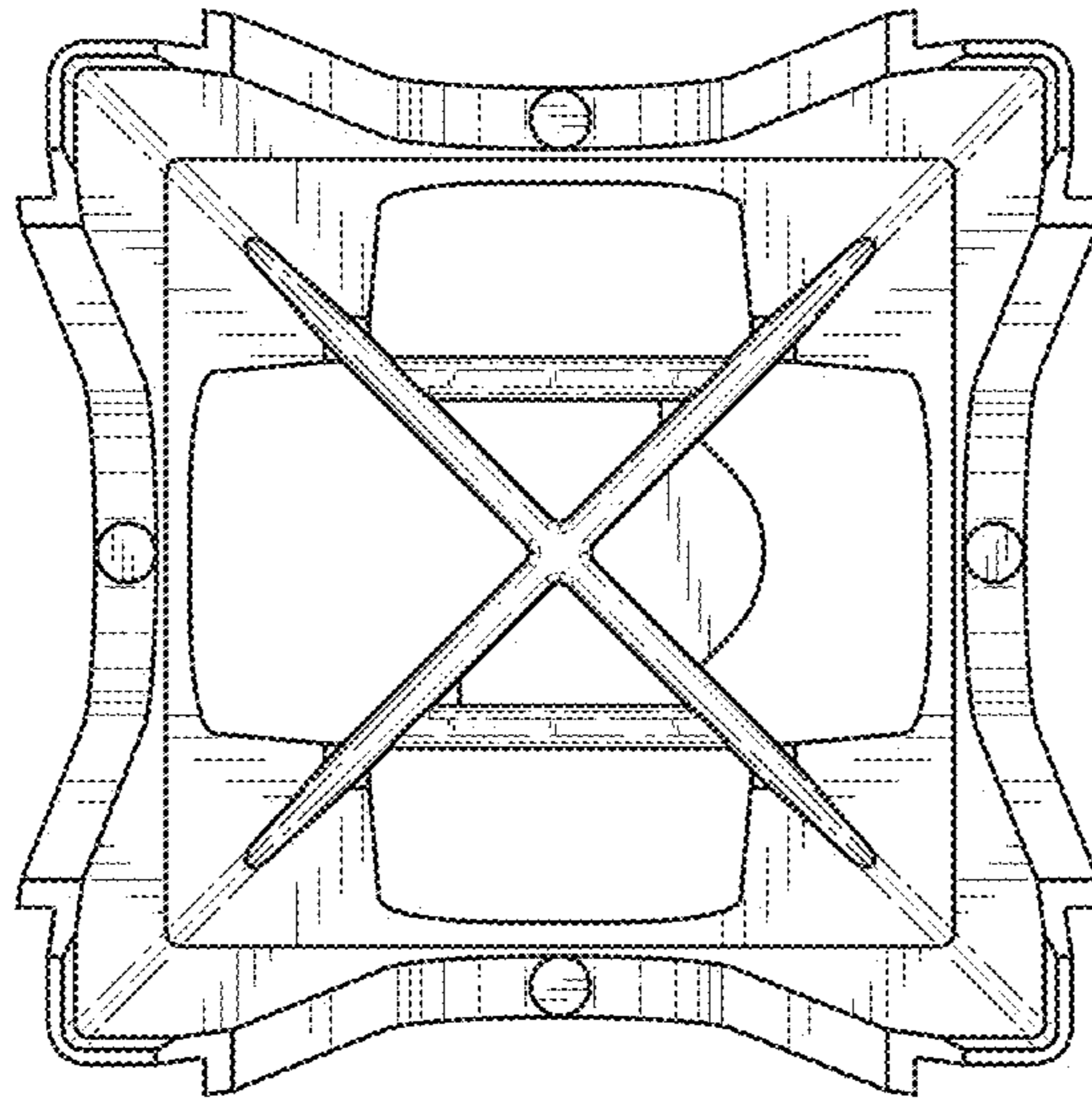


FIG. 28

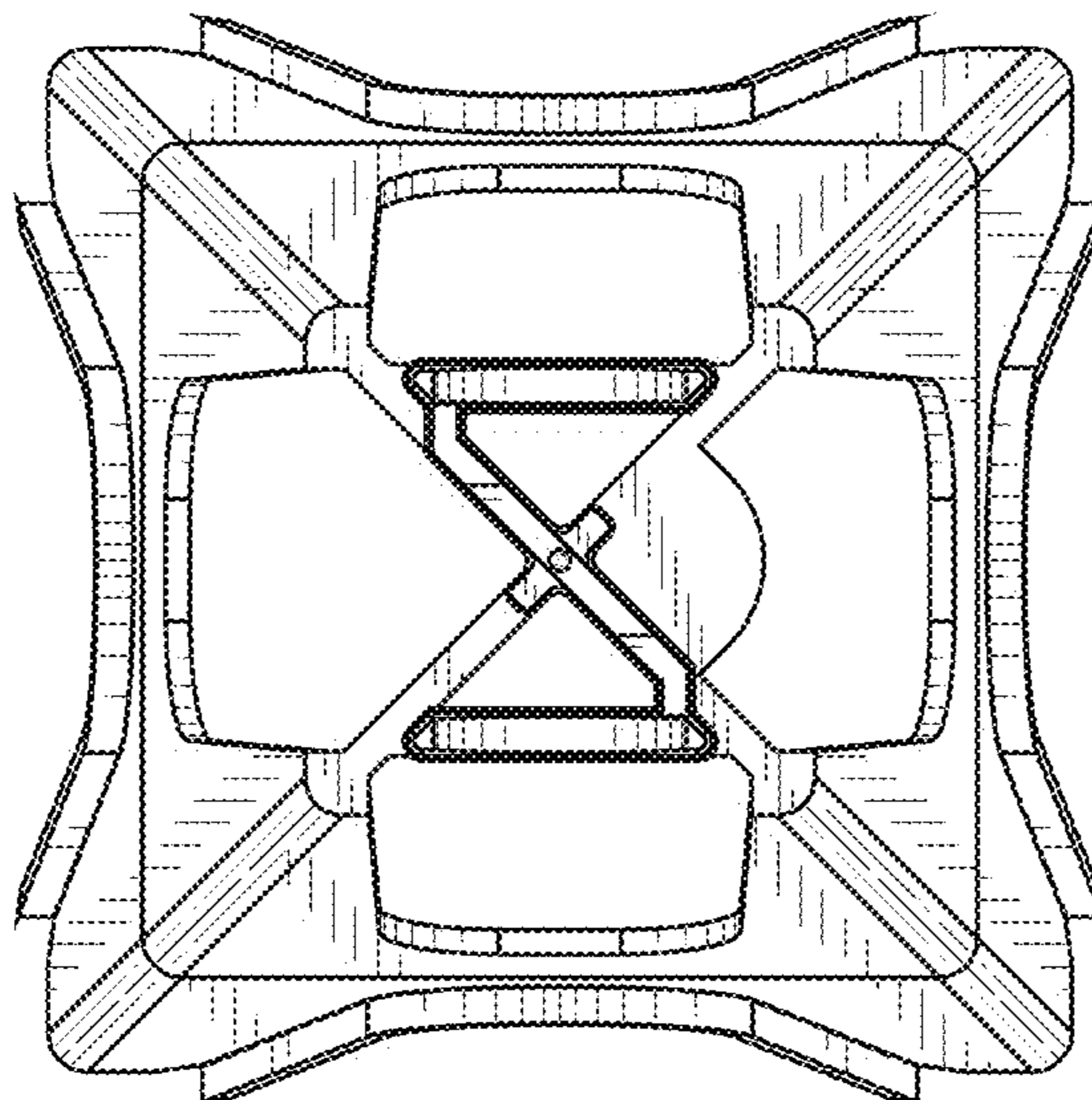


FIG. 27