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

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- (54) **HYDRANT SHOE**
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- (**) Term: **14 Years**
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- (51) **LOC (9) Cl.** **23-01**
- (52) **U.S. Cl.** **D23/249**
- (58) **Field of Classification Search** D23/249,
D23/234, 235, 245, 247, 248, 250; 251/309,
251/310, 315, 315.14, 335.5; 137/307, 170-174,
137/219, 625.22
See application file for complete search history.

6,401,745	B1	6/2002	Corder	
6,561,214	B2 *	5/2003	Heil	137/307
6,910,495	B2	6/2005	Lafalce	
6,929,022	B1 *	8/2005	Ingalls et al.	137/283
6,966,332	B2 *	11/2005	Wigzell	127/302
7,055,544	B2	6/2006	Davidson	
7,128,091	B2	10/2006	Istre, Jr.	
7,174,911	B2	2/2007	Davidson	
D538,890	S *	3/2007	Park	D23/233
7,240,688	B2	7/2007	Davidson, Sr. et al.	

FOREIGN PATENT DOCUMENTS

EP	0 113 913	B1	7/1984
EP	0 010 821	A1	6/2000
EP	1 010 822	A1	6/2000

* cited by examiner

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(56) **References Cited**

U.S. PATENT DOCUMENTS

2,083,319	A	6/1937	Daviet	
3,294,109	A	12/1966	Smith	
3,566,905	A	3/1971	Noland	
3,586,019	A *	6/1971	Thomas et al.	137/68.14
3,672,393	A *	6/1972	Kassen	137/307
3,980,096	A *	9/1976	Ellis et al.	137/283
3,980,097	A *	9/1976	Ellis	137/283
4,073,307	A *	2/1978	Royce	137/283
4,177,826	A *	12/1979	Luckenbill	137/307
4,227,544	A *	10/1980	Luckenbill	137/307
4,303,223	A *	12/1981	Whisenhunt et al.	251/357
4,390,038	A	6/1983	Salvato	
4,393,891	A	7/1983	Snoek et al.	
4,475,570	A	10/1984	Pike et al.	
4,790,341	A *	12/1988	Laurel	137/15.02
4,909,270	A	3/1990	Enterante, Sr. et al.	
5,029,603	A	7/1991	Ackroyd	
5,129,416	A	7/1992	Ackroyd	
D384,300	S *	9/1997	Hendy	D10/99
5,803,110	A *	9/1998	Segal	137/68.14
5,979,490	A *	11/1999	Mirlisena, Sr.	137/369
D429,315	S *	8/2000	Okada et al.	D23/233
D434,831	S *	12/2000	Okada et al.	D23/233

(57) **CLAIM**

The ornamental design for a hydrant shoe, as shown and described.

DESCRIPTION

FIG. 1 is a front, perspective view of a hydrant shoe design of the present invention;

FIG. 2 is a front view of the hydrant shoe design of the present invention;

FIG. 3 is a top view of the hydrant shoe design of the present invention;

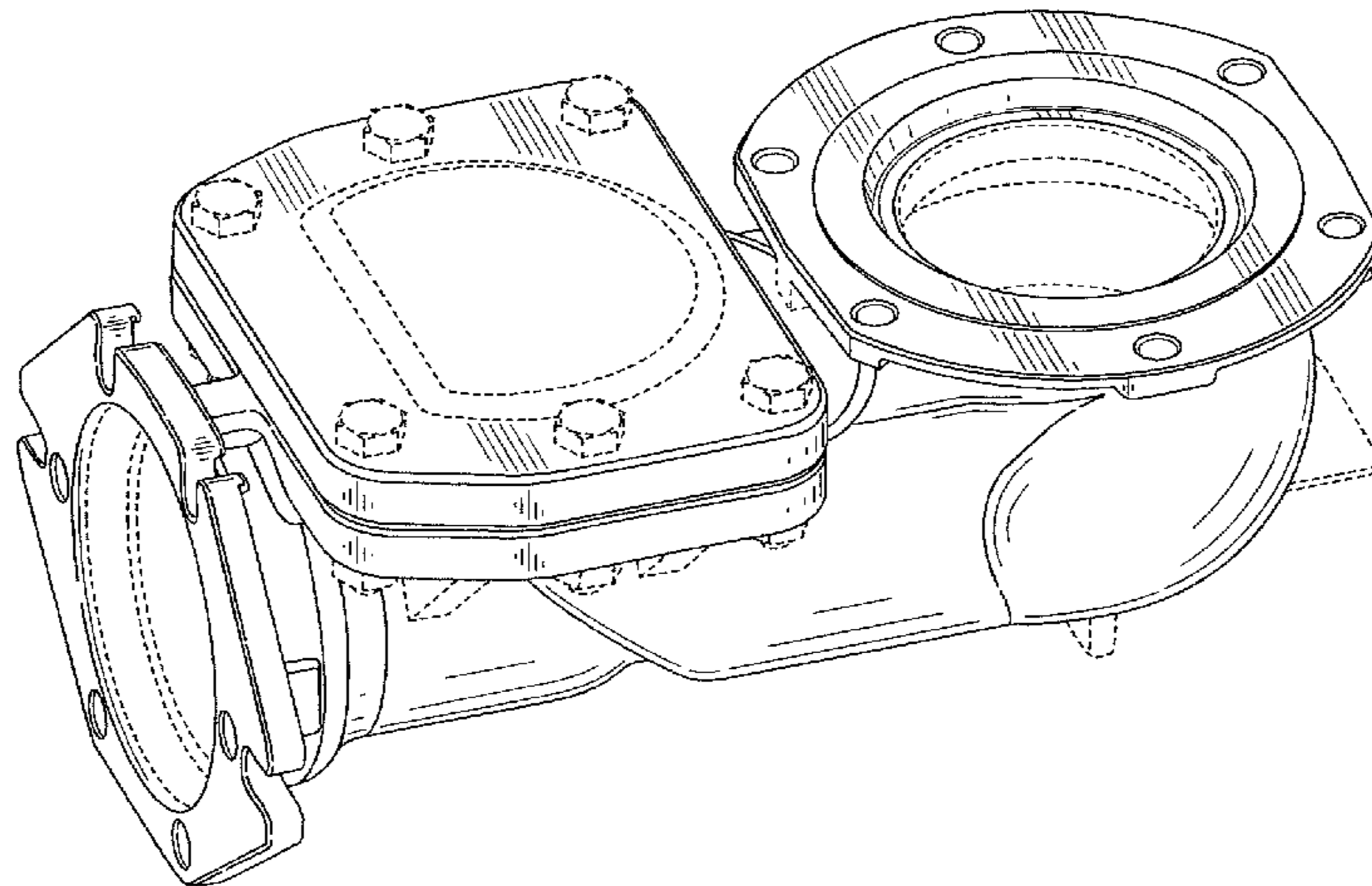
FIG. 4 is a first side view of the hydrant shoe design of the present invention;

FIG. 5 is second side view of the hydrant shoe design of the present invention; and,

FIG. 6 is a bottom view of the hydrant shoe design of the present invention.

The broken line showing is for illustrative purposes only and forms no part of the claimed design.

1 Claim, 6 Drawing Sheets



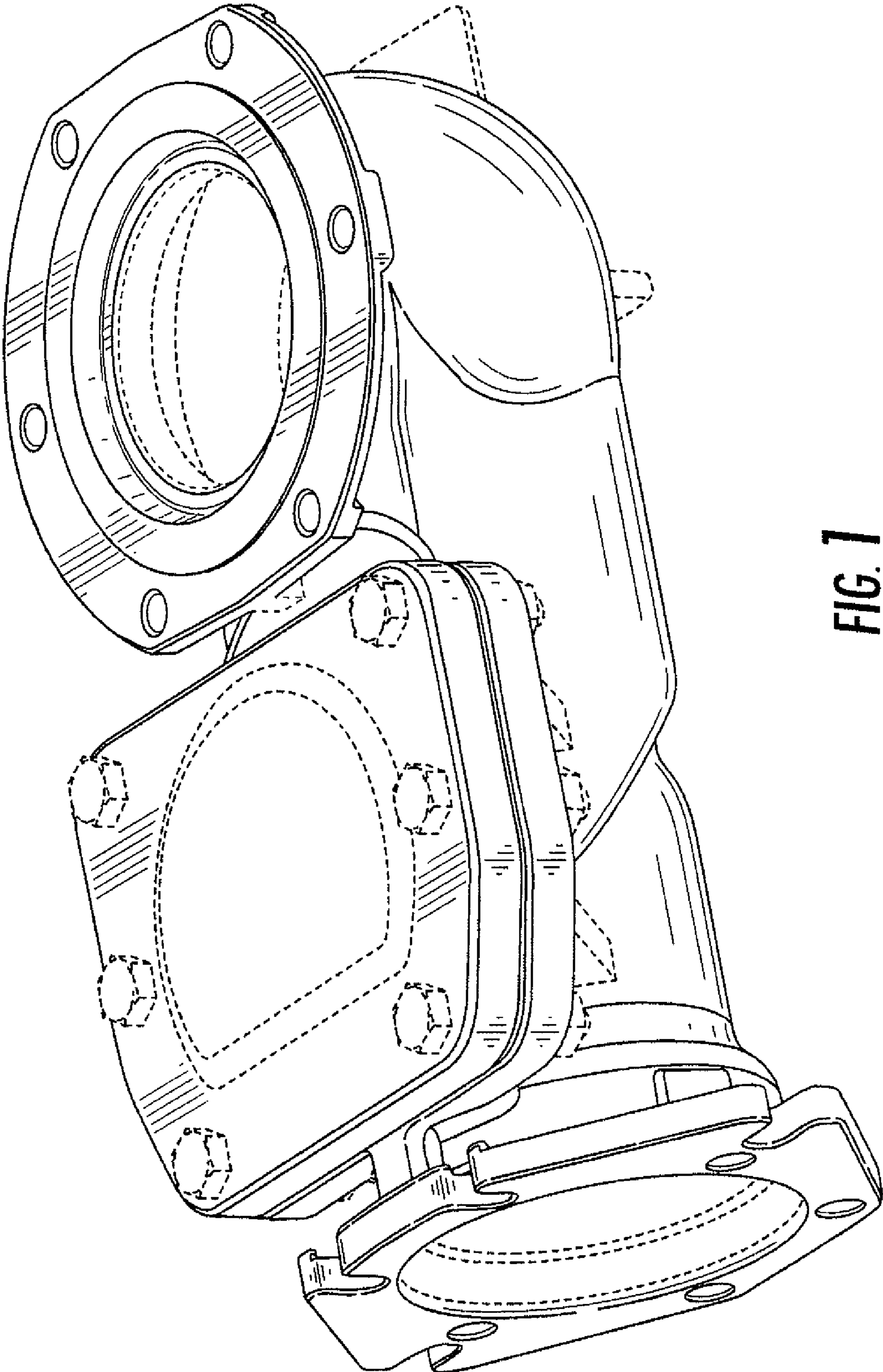


FIG. 1

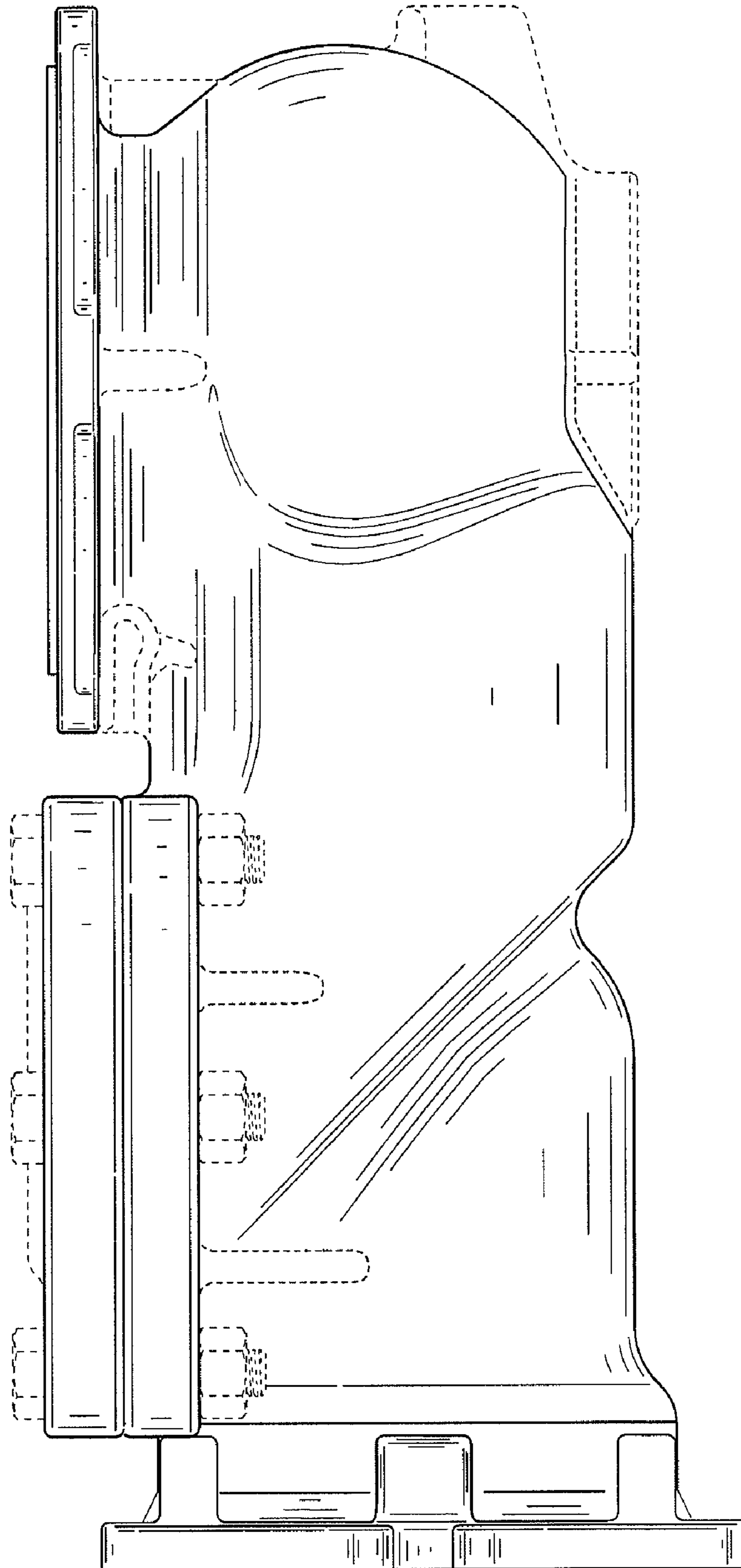


FIG. 2

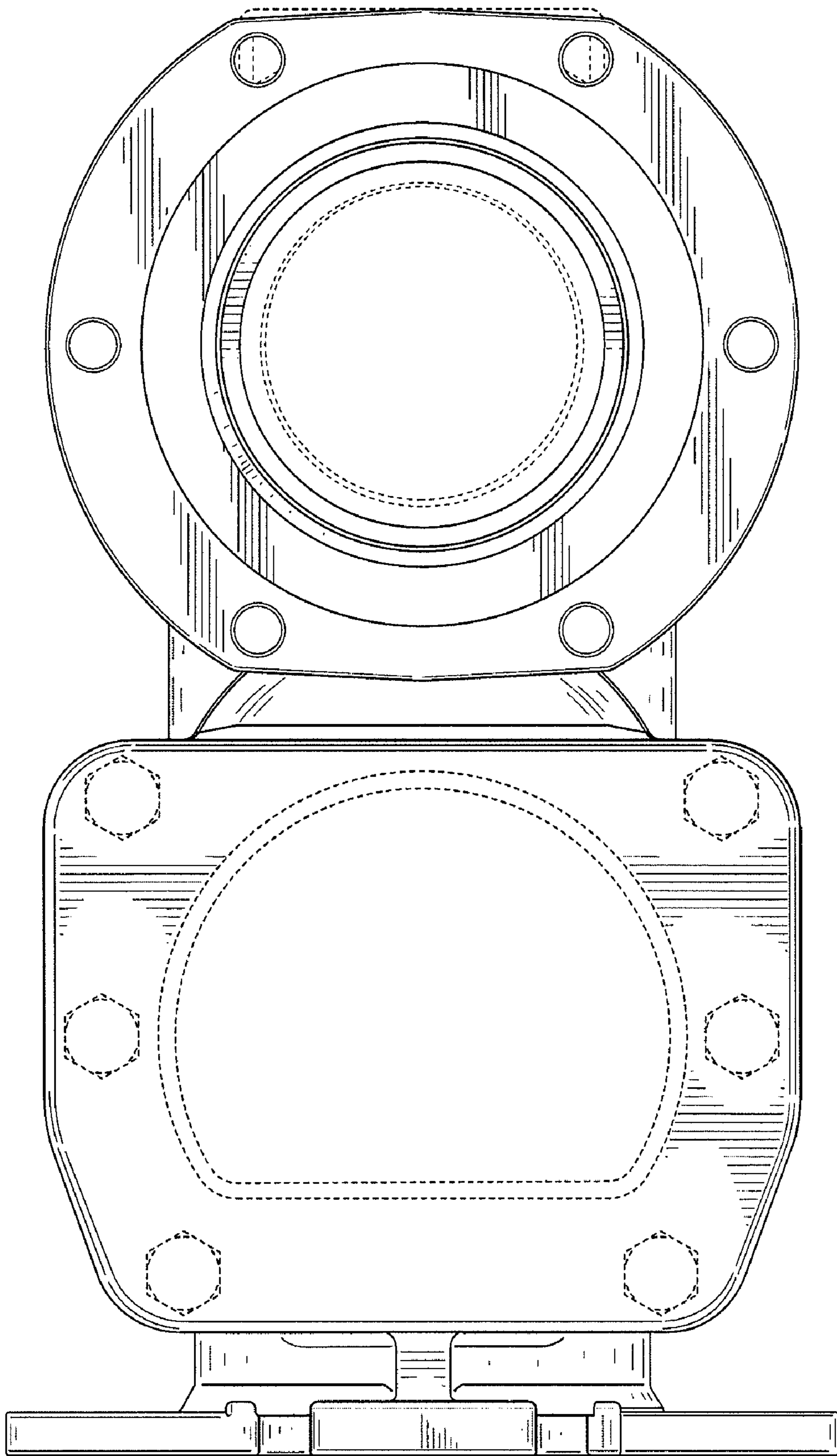


FIG. 3

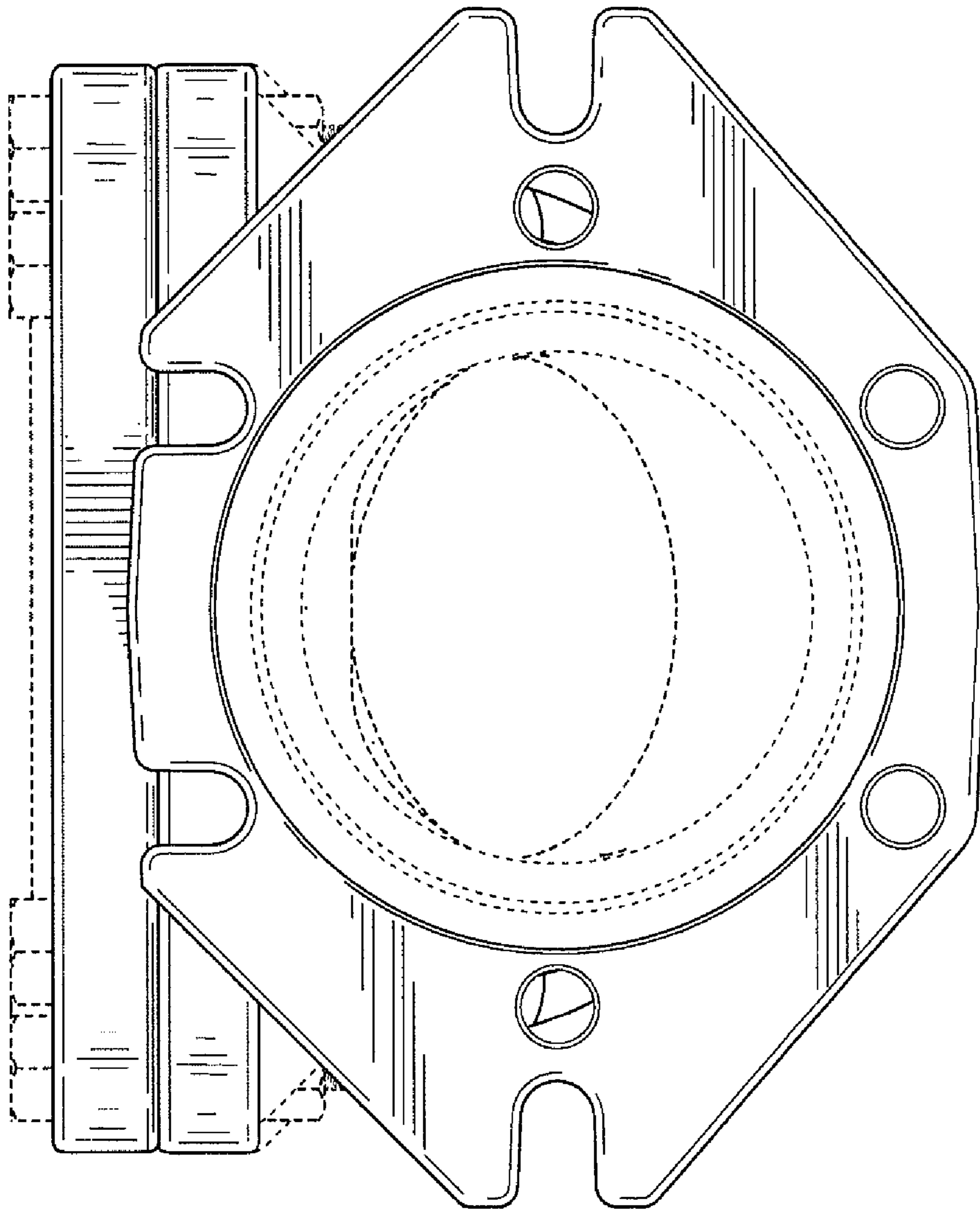


FIG. 4

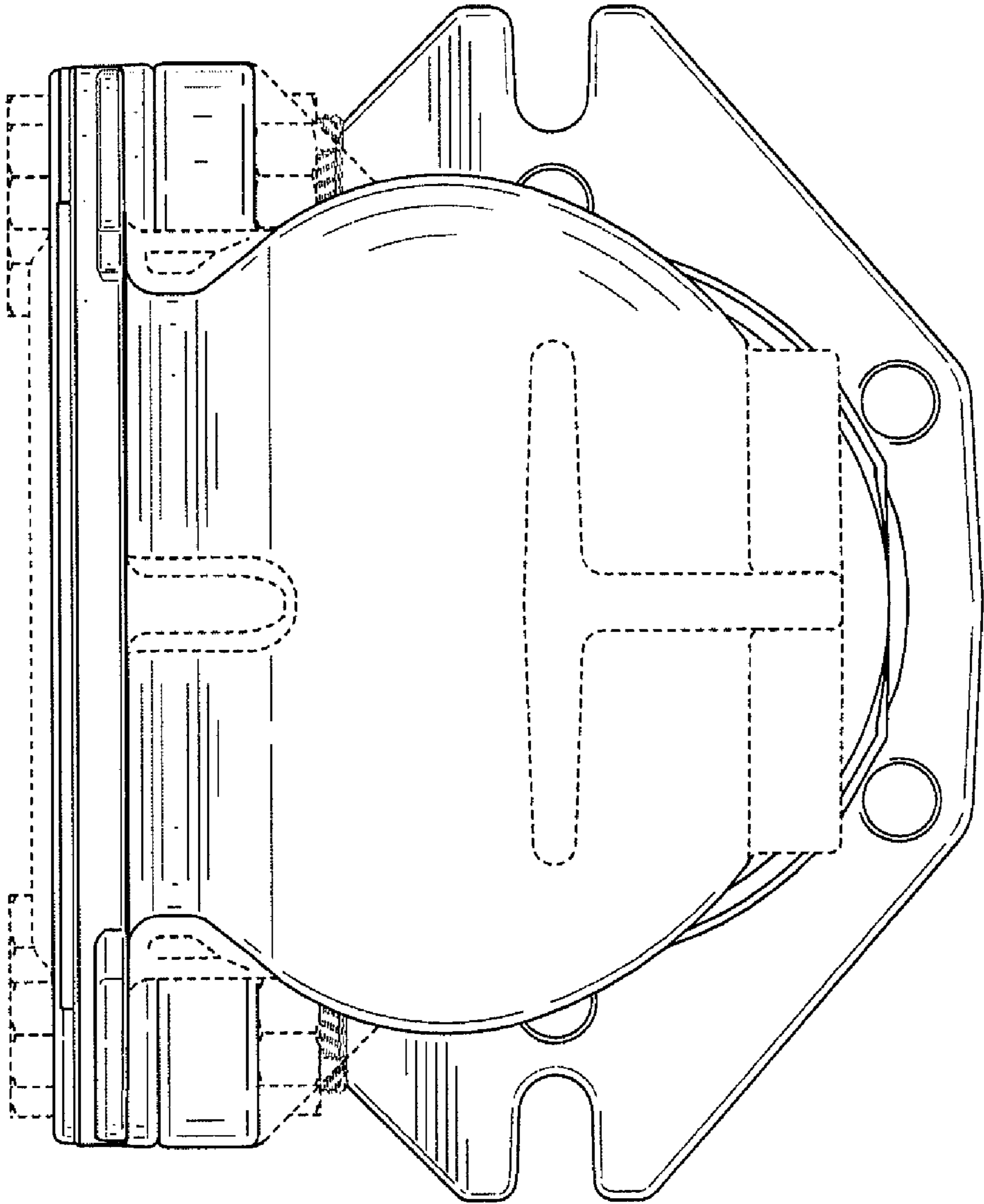


FIG. 5

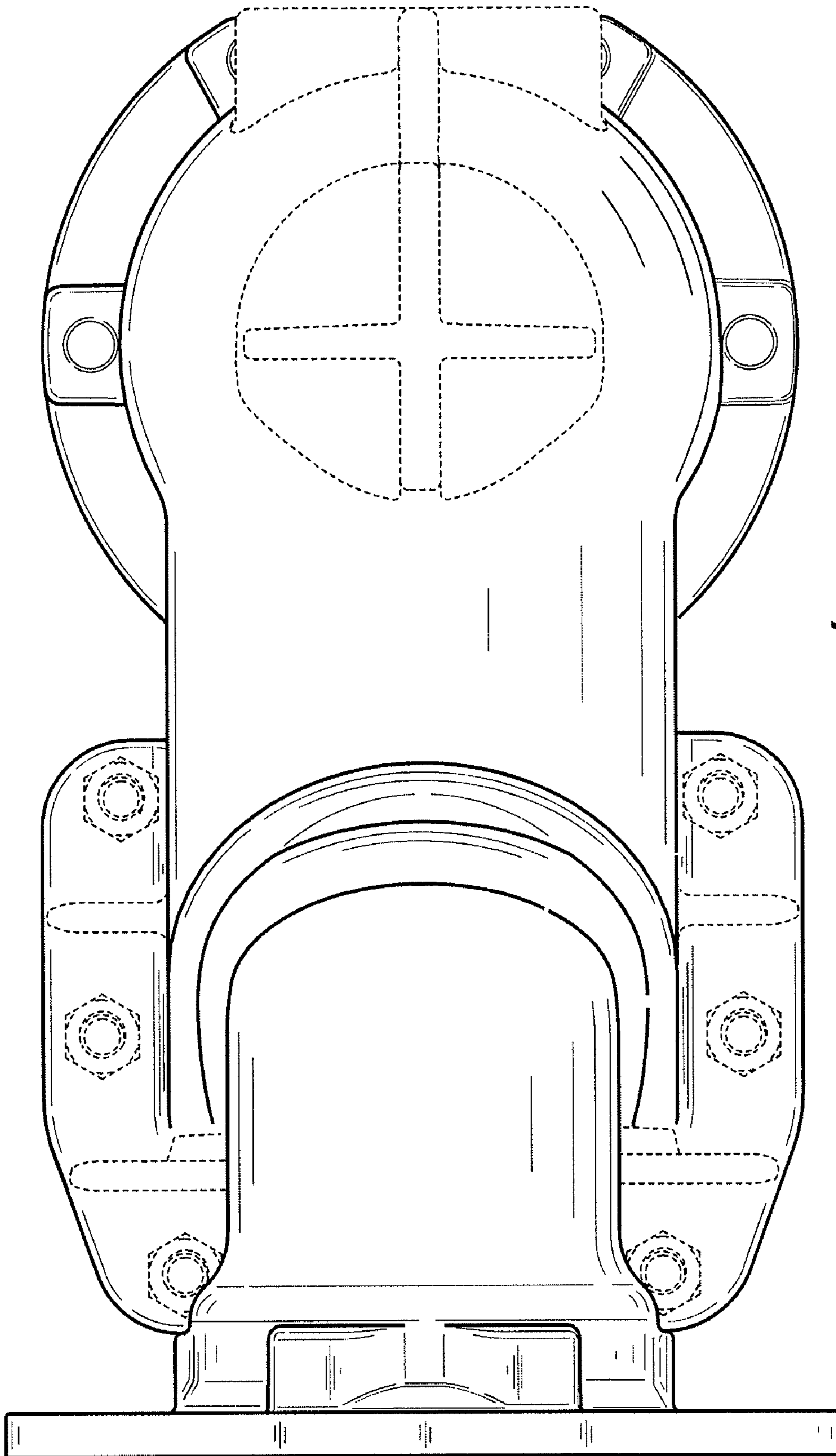


FIG. 6