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(12) **United States Design Patent** (10) **Patent No.:** **US D512,074 S**  
**Bender** (45) **Date of Patent:** **\*\* Nov. 29, 2005**

(54) **AUTO INTAKE PLENUM**

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(\*\*) **Term:** **14 Years**

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(51) **LOC (8) Cl.** ..... **15-05**

(52) **U.S. Cl.** ..... **D15/5**

(58) **Field of Search** ..... D15/1-5; 123/184.54, 123/184.51, 184.21, 572; 418/171; 360/97.02; 431/1; 165/173

6,637,397	B2	10/2003	Ward et al.	
6,675,756	B2	1/2004	Katayama	
6,889,648	B2 *	5/2005	Koch et al. ....	123/184.47
6,898,048	B2 *	5/2005	Adams et al. ....	360/97.02
2002/0174847	A1	11/2002	Baumann et al.	
2002/0179030	A1	12/2002	Fiesel et al.	
2003/0010310	A1	1/2003	Pontoppidan	
2003/0010321	A1	1/2003	Rentschler et al.	
2003/0079707	A1	5/2003	Brassell et al.	
2003/0116116	A1	6/2003	Anton	
2003/0226535	A1	12/2003	Pietrowski et al.	

\* cited by examiner

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(56) **References Cited**

**U.S. PATENT DOCUMENTS**

4,417,868	A *	11/1983	Putnam	.....	431/1
4,592,329	A	6/1986	Yunick		
4,592,706	A *	6/1986	Matsuo et al.	.....	418/171
4,821,685	A	4/1989	Matsushima et al.		
4,901,681	A	2/1990	Pozniak et al.		
5,575,249	A	11/1996	Mielke et al.		
5,758,614	A	6/1998	Choi		
6,089,199	A	7/2000	Lohr et al.		
6,092,498	A	7/2000	Lohr et al.		
6,095,105	A	8/2000	Lohr et al.		
6,161,513	A	12/2000	Lohr et al.		
6,199,530	B1	3/2001	Brassell et al.		
6,234,131	B1	5/2001	Brassell et al.		
6,302,076	B1 *	10/2001	Bredy	.....	123/184.21
6,467,449	B2	10/2002	Brassell et al.		
6,474,318	B1	11/2002	Jones et al.		
6,510,833	B1	1/2003	Anthon		
6,561,169	B2	5/2003	Sealy et al.		
6,571,780	B1	6/2003	Jones et al.		
6,637,396	B2	10/2003	Katayama		

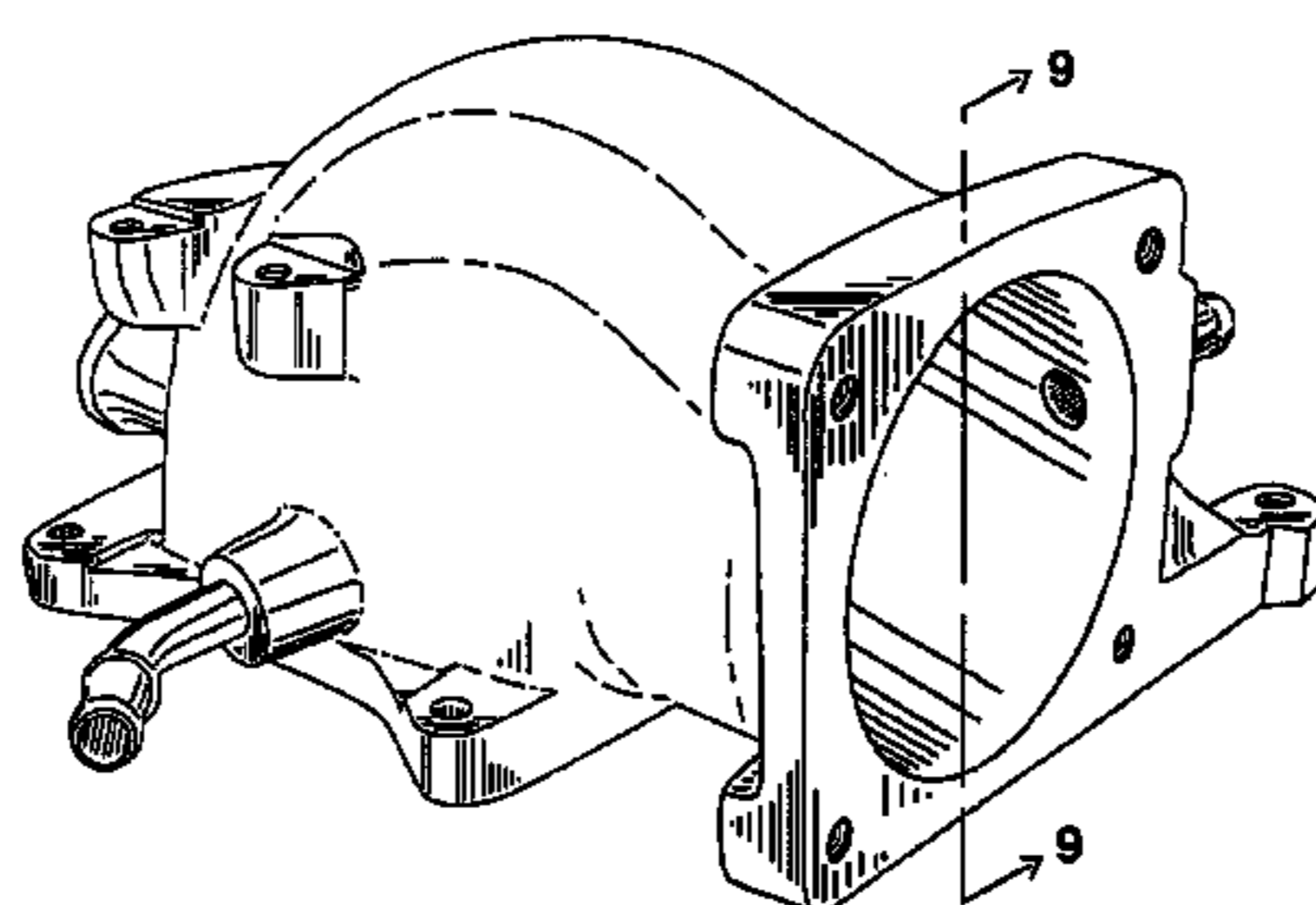
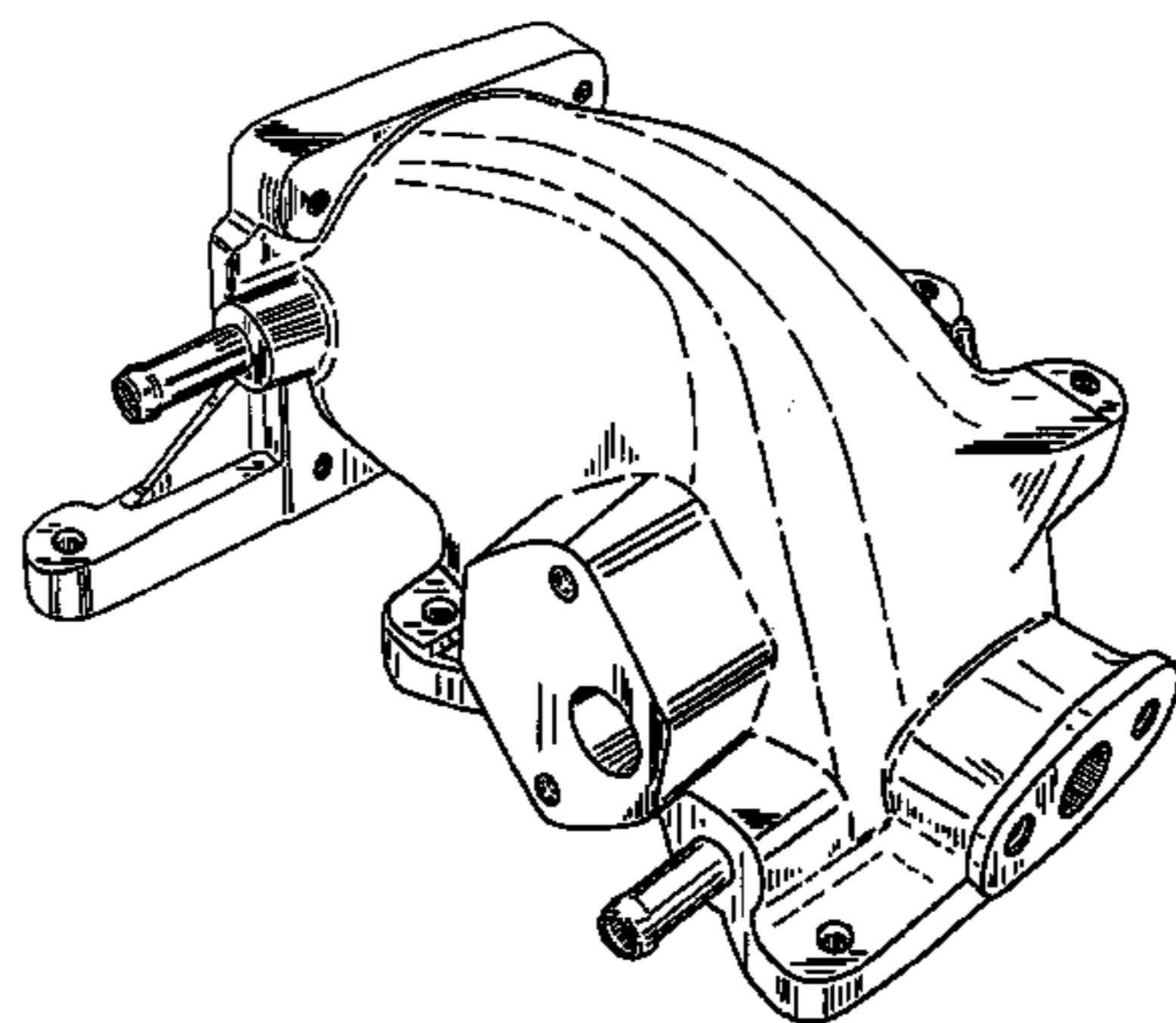
(57) **CLAIM**

An ornamental design for an auto intake plenum, as shown and described.

**DESCRIPTION**

FIG. 1 is a rear perspective view of the air plenum;  
 FIG. 2 is front perspective view of the air plenum;  
 FIG. 3 is a top view of the air plenum;  
 FIG. 4 is a bottom view of the air plenum;  
 FIG. 5 is a right side view of the air plenum;  
 FIG. 6 is a rear view of the air plenum;  
 FIG. 7 is a left view of the air plenum;  
 FIG. 8 is a front view of the air plenum; and,  
 FIG. 9 is a cross sectional view of the air plenum taken along 9—9 of FIG. 2.  
 A characteristic feature of the design resides in curved roof portion and contoured interior.

**1 Claim, 5 Drawing Sheets**



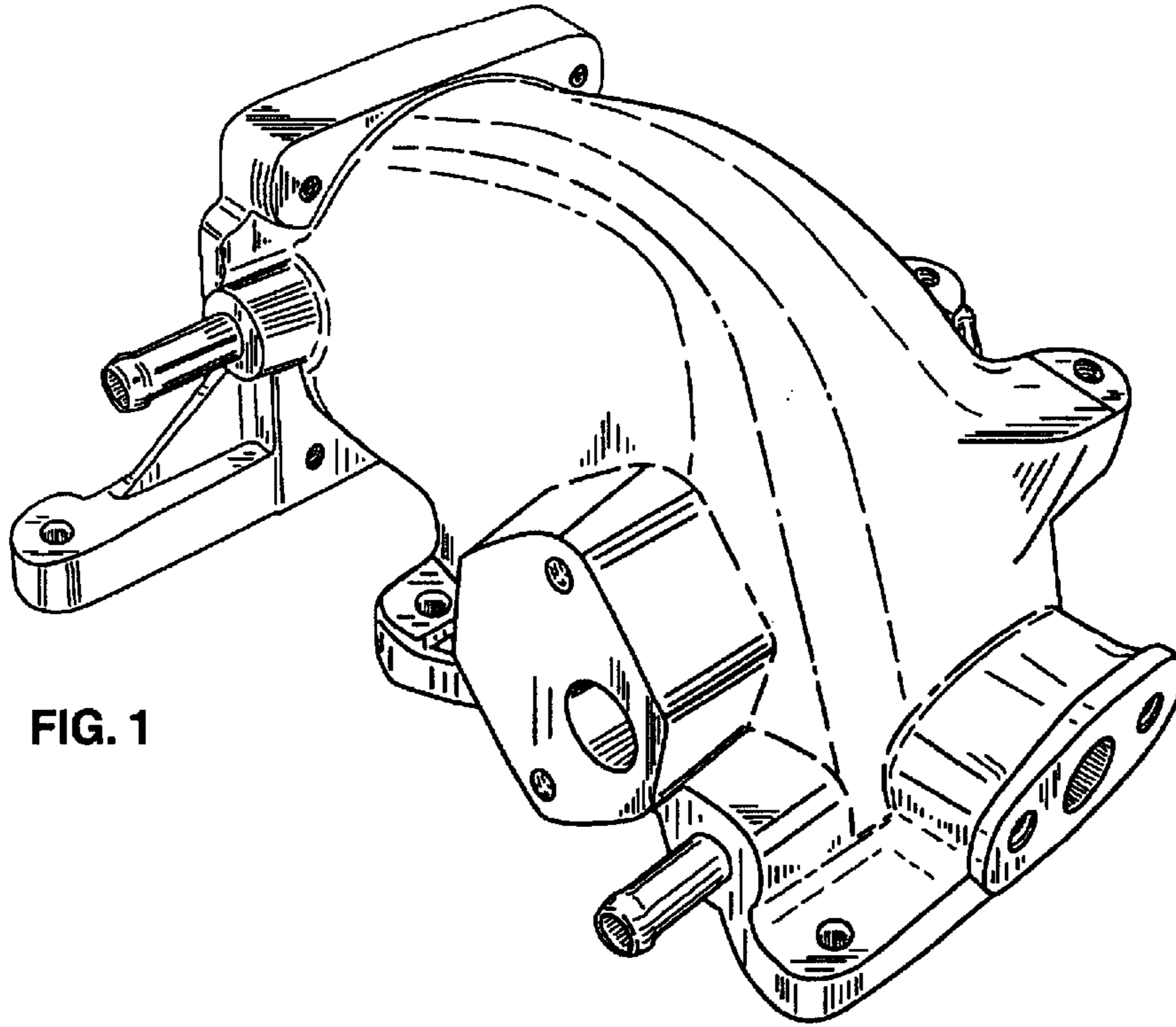


FIG. 1

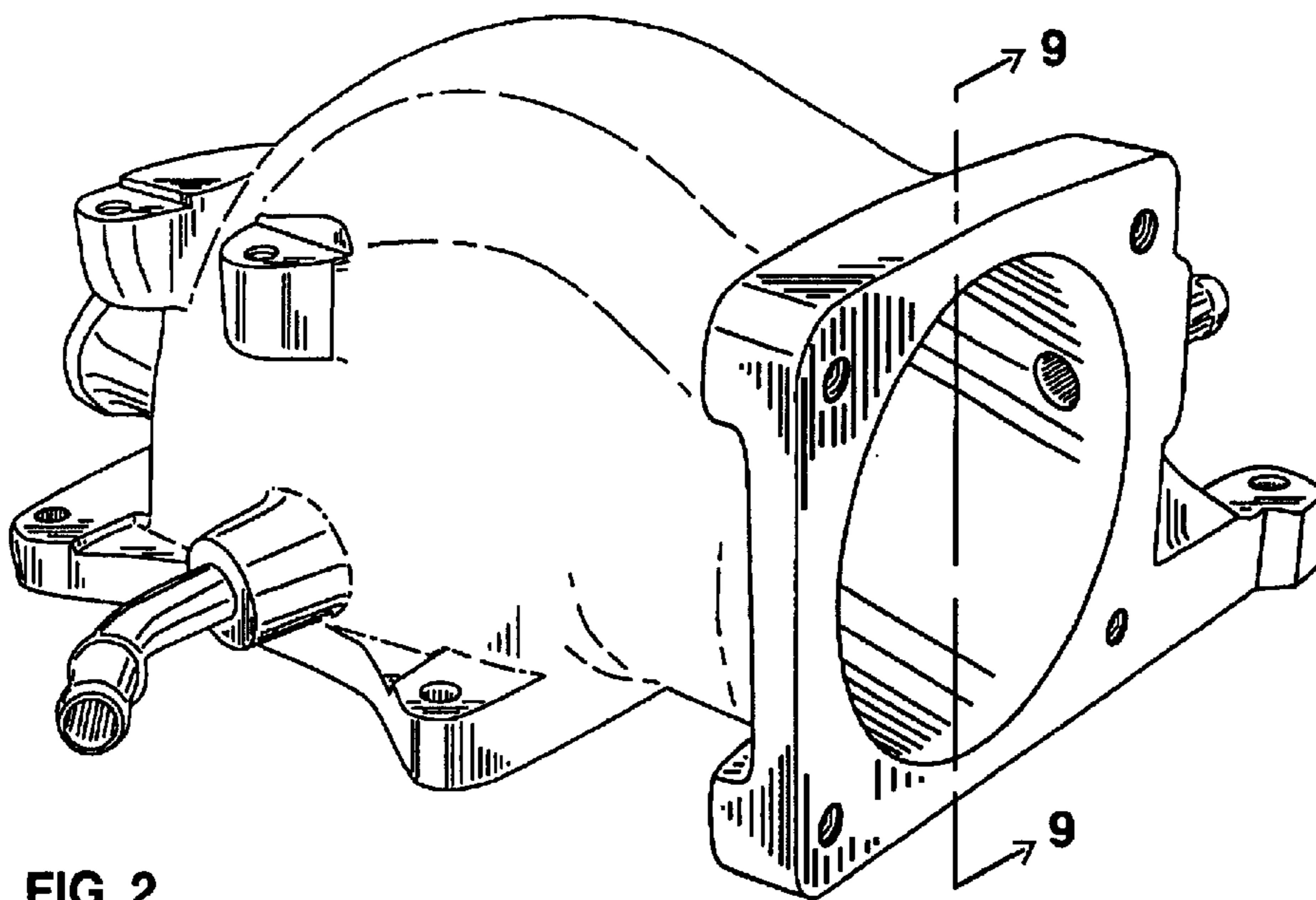


FIG. 2

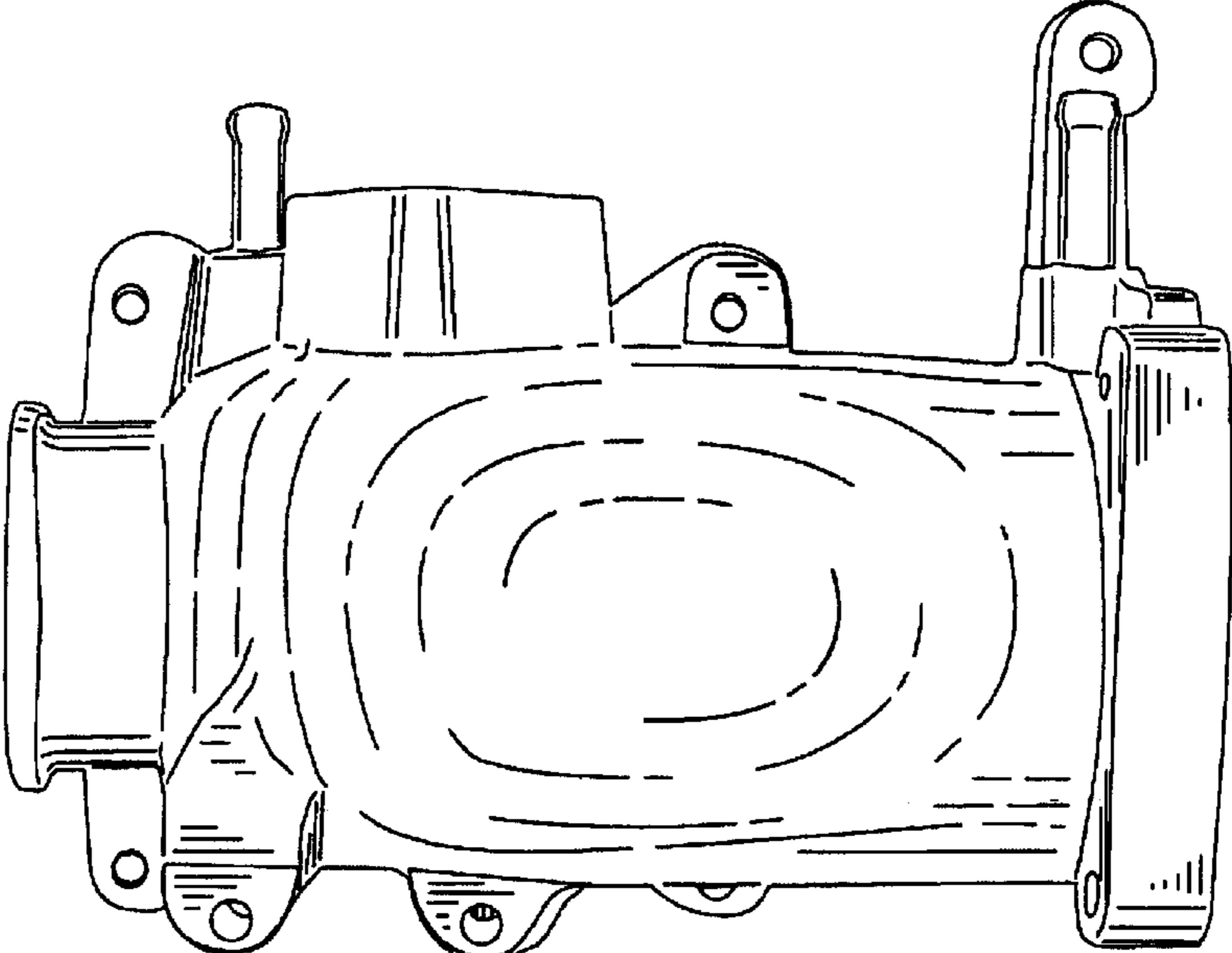


FIG. 3

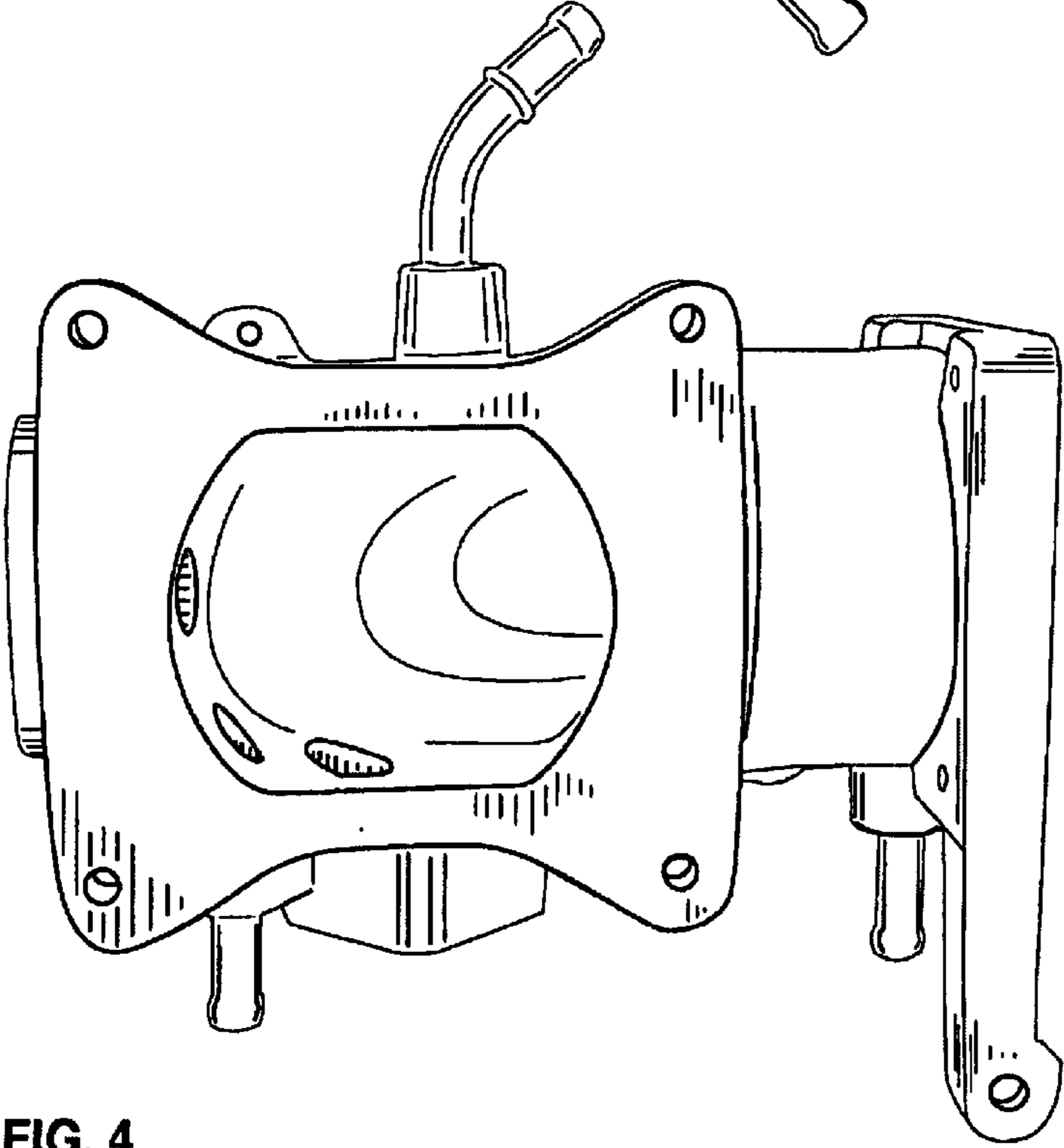


FIG. 4

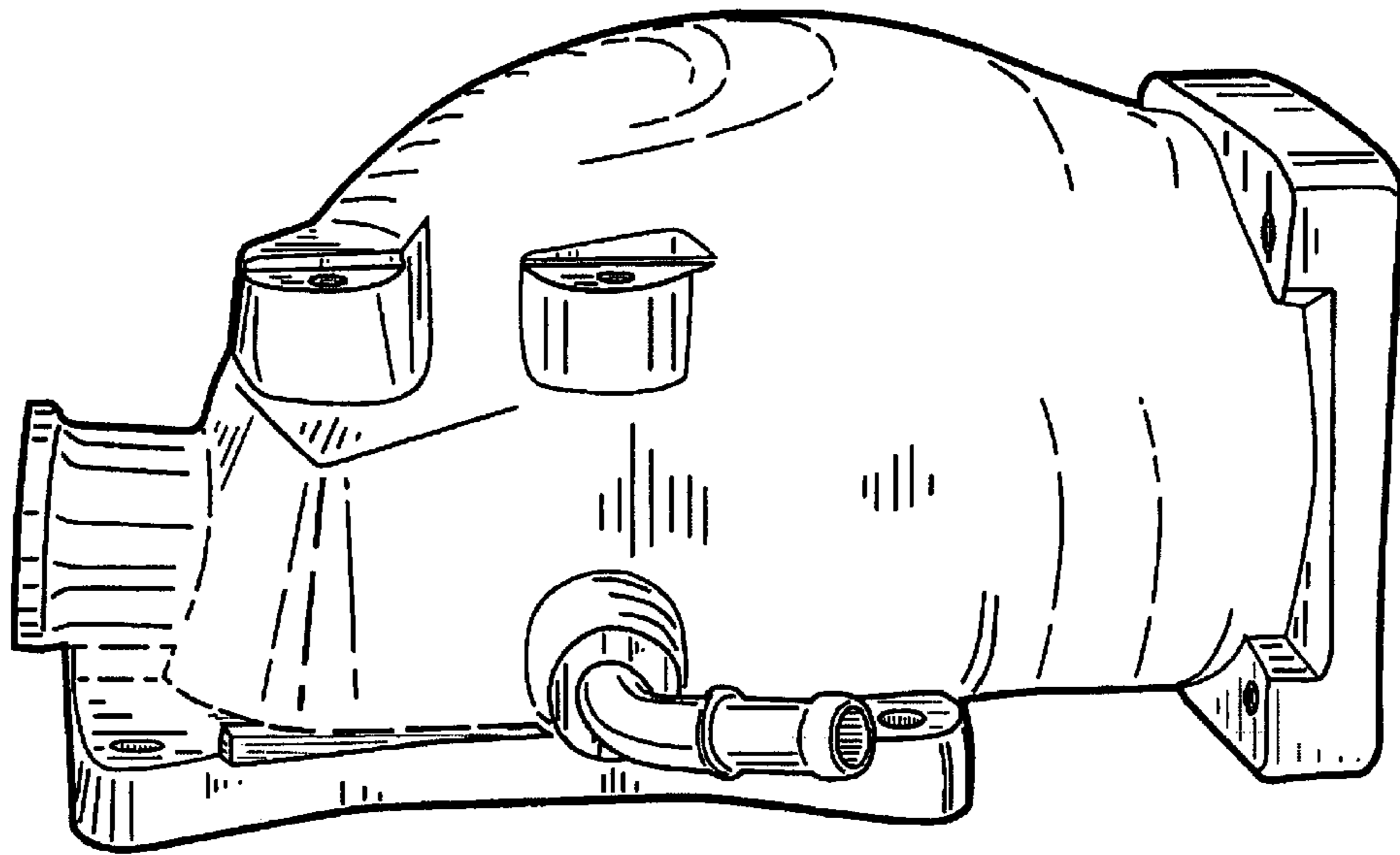


FIG. 5

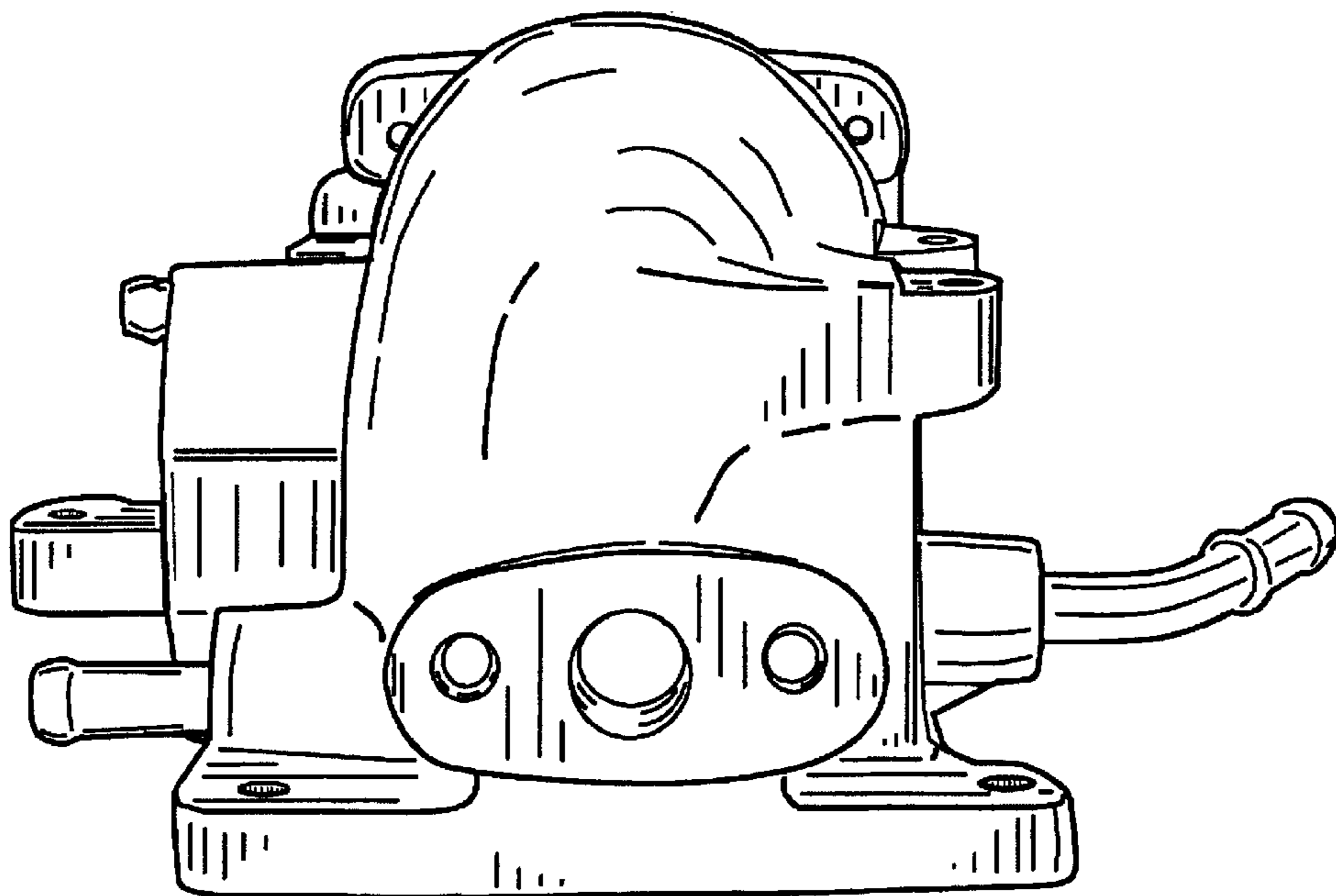


FIG. 6

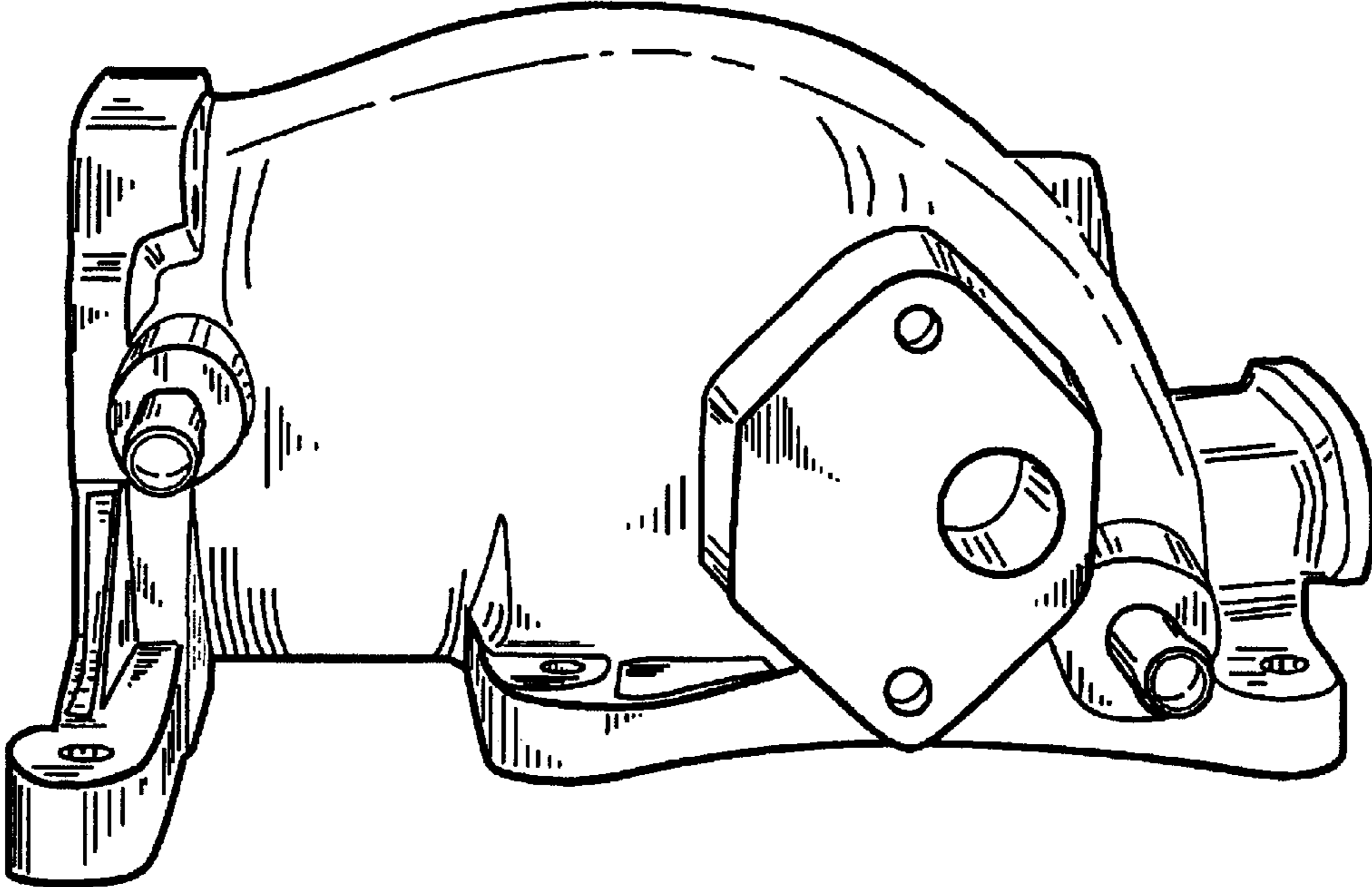


FIG. 7

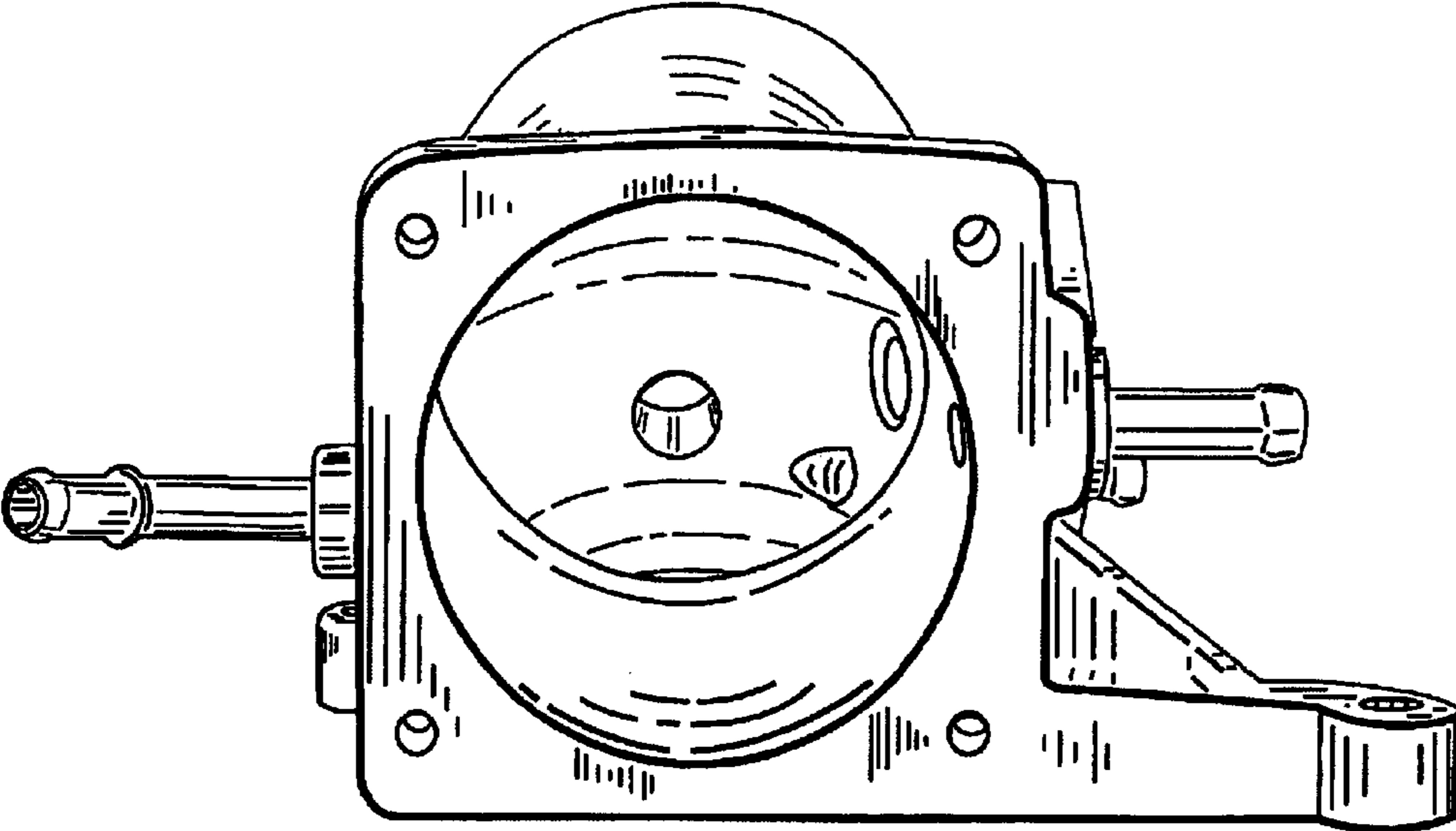


FIG. 8

FIG. 9

