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(12) **United States Design Patent**
Hertreiter

(10) **Patent No.:** **US D716,934 S**
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(54) **ONE-PIECE FAN HOUSING**

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(52) **U.S. CL.**
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(58) **Field of Classification Search**
CPC F04D 29/4426; F04D 29/4233; F04D 29/281; F04D 17/165; F01P 11/12; F01D 25/24

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See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D181,608 S * 12/1957 Rowley D23/383
3,301,472 A * 1/1967 Dixon et al. 415/204

D257,060 S * 9/1980 Mann D23/393
4,548,548 A * 10/1985 Gray, III 416/189
D335,532 S * 5/1993 Lopez D23/383
5,564,513 A * 10/1996 Wible et al. 180/68.3
D376,640 S * 12/1996 Kloster D23/365
5,605,554 A * 2/1997 Kennedy 55/493
D404,122 S * 1/1999 Hayashi et al. D23/370
D437,043 S * 1/2001 Wettergren D23/370
D439,648 S * 3/2001 Jones et al. D23/370
6,217,627 B1 * 4/2001 Vyskocil et al. 55/492
6,398,512 B2 * 6/2002 Stewart 417/53
D460,546 S * 7/2002 Sjoberg D23/370
6,595,146 B2 * 7/2003 Gatley, Jr. 110/162
D481,116 S * 10/2003 Wang et al. D23/383
D491,259 S * 6/2004 Garrison et al. D23/383

(Continued)

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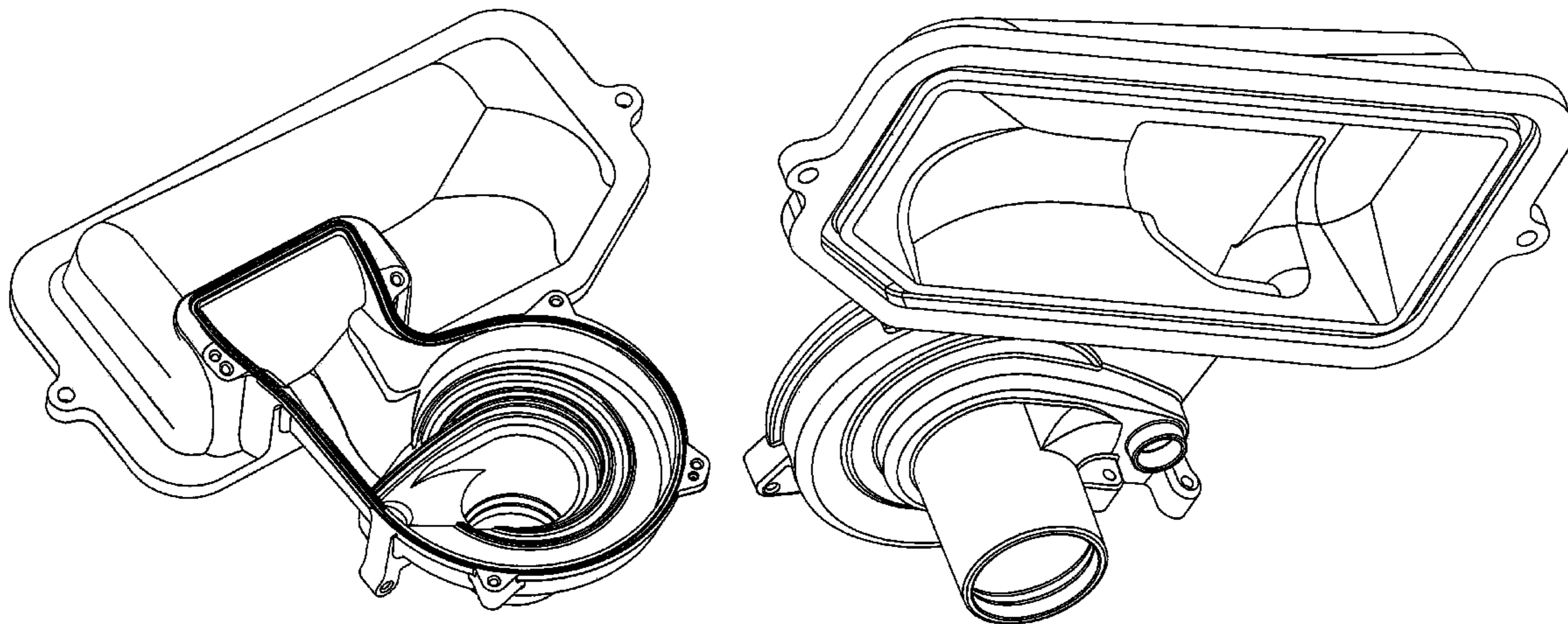
(57) **CLAIM**

The ornamental design for a one-piece fan housing, as shown.

DESCRIPTION

FIG. 1 is a top perspective view of a one-piece fan housing; FIG. 2 is a bottom perspective view of the one-piece fan housing of FIG. 1; FIG. 3 is a bottom view of the one-piece fan housing of FIG. 1; FIG. 4 is a top view of the one-piece fan housing of FIG. 1; FIG. 5 is a side view of the one-piece fan housing of FIG. 1; FIG. 6 is a side view from the opposite side compared to FIG. 5; FIG. 7 is a front side view of the one-piece fan housing of FIG. 1; and FIG. 8 is a rear side view of the one-piece fan housing of FIG. 1.

1 Claim, 6 Drawing Sheets



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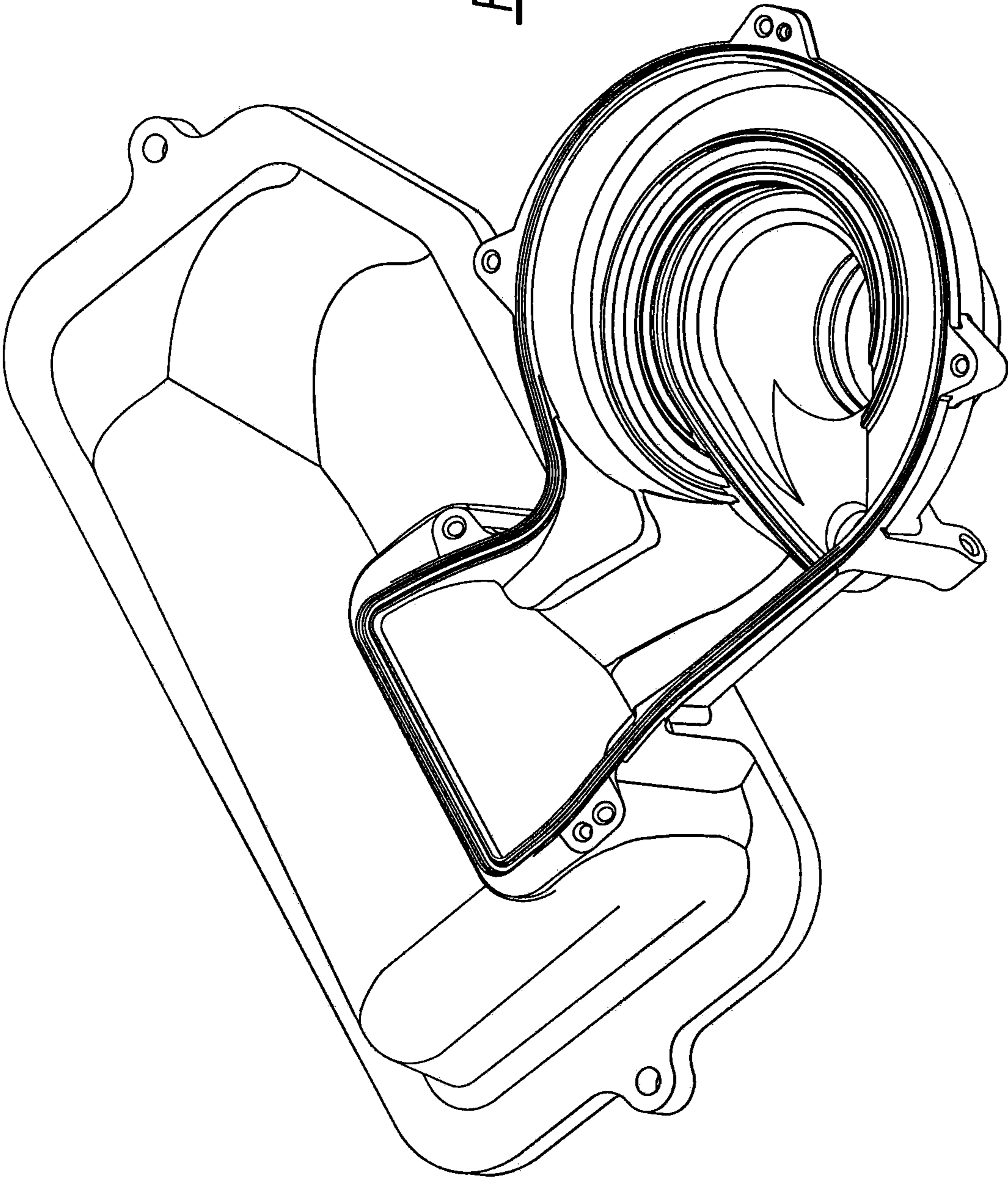
References Cited

U.S. PATENT DOCUMENTS

6,827,560	B2 *	12/2004	Gatley et al.	417/423.14	D703,803	S *	4/2014	Williams et al.	D23/365
6,908,281	B2 *	6/2005	Lyons et al.	415/206	2002/0023575	A1 *	2/2002	Gatley, Jr.	110/182
7,052,271	B2 *	5/2006	Brown et al.	431/20	2002/0025252	A1 *	2/2002	Gatley, Jr.	415/204
D537,518	S *	2/2007	Teufel	D23/383	2004/0219013	A1 *	11/2004	Hopfensperger	415/206
D593,190	S *	5/2009	Glass	D23/365	2004/0240994	A1 *	12/2004	Cole et al.	415/215.1
D625,799	S *	10/2010	Salisbury et al.	D23/370	2006/0051205	A1 *	3/2006	Platz	415/206
D631,150	S *	1/2011	Eimer et al.	D23/411	2007/0041831	A1 *	2/2007	Bartlett	415/206
D701,299	S *	3/2014	Oba	D23/370	2012/0317939	A1 *	12/2012	Kaufmann et al.	55/385.1
					2013/0143481	A1 *	6/2013	Kagawa et al.	454/354
					2013/0272851	A1 *	10/2013	Cox	415/118

* cited by examiner

FIG - 1



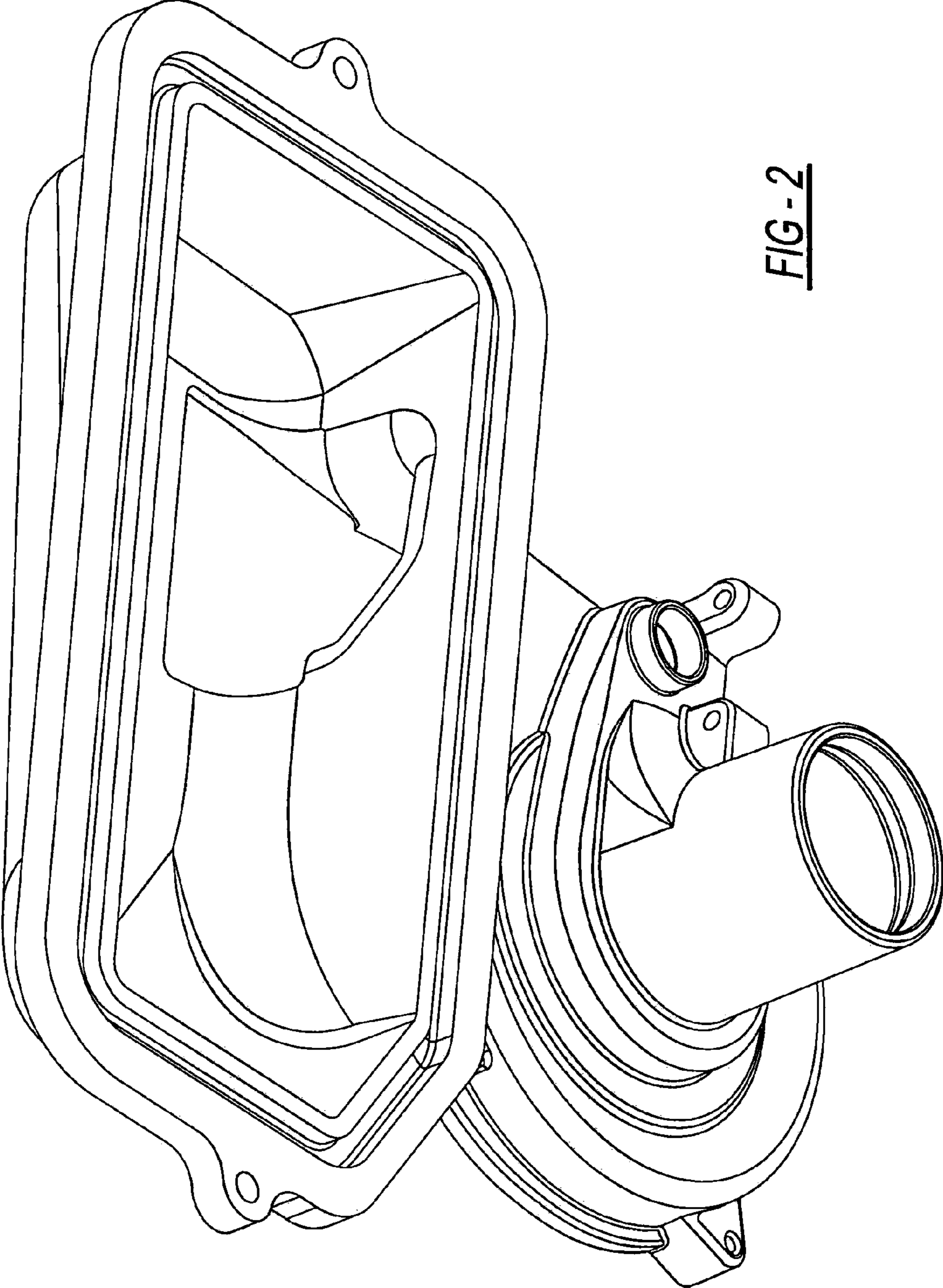


FIG - 2

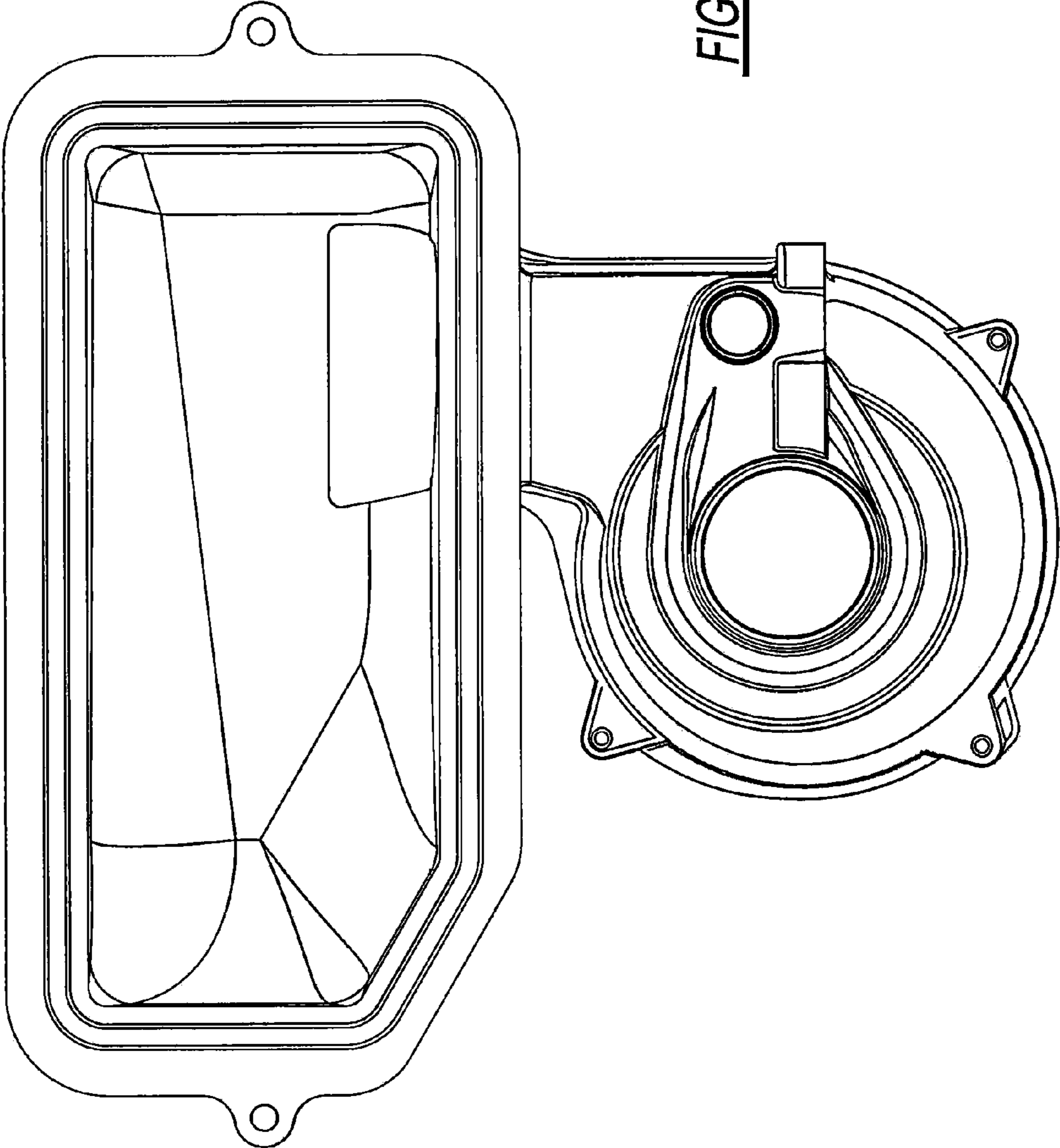
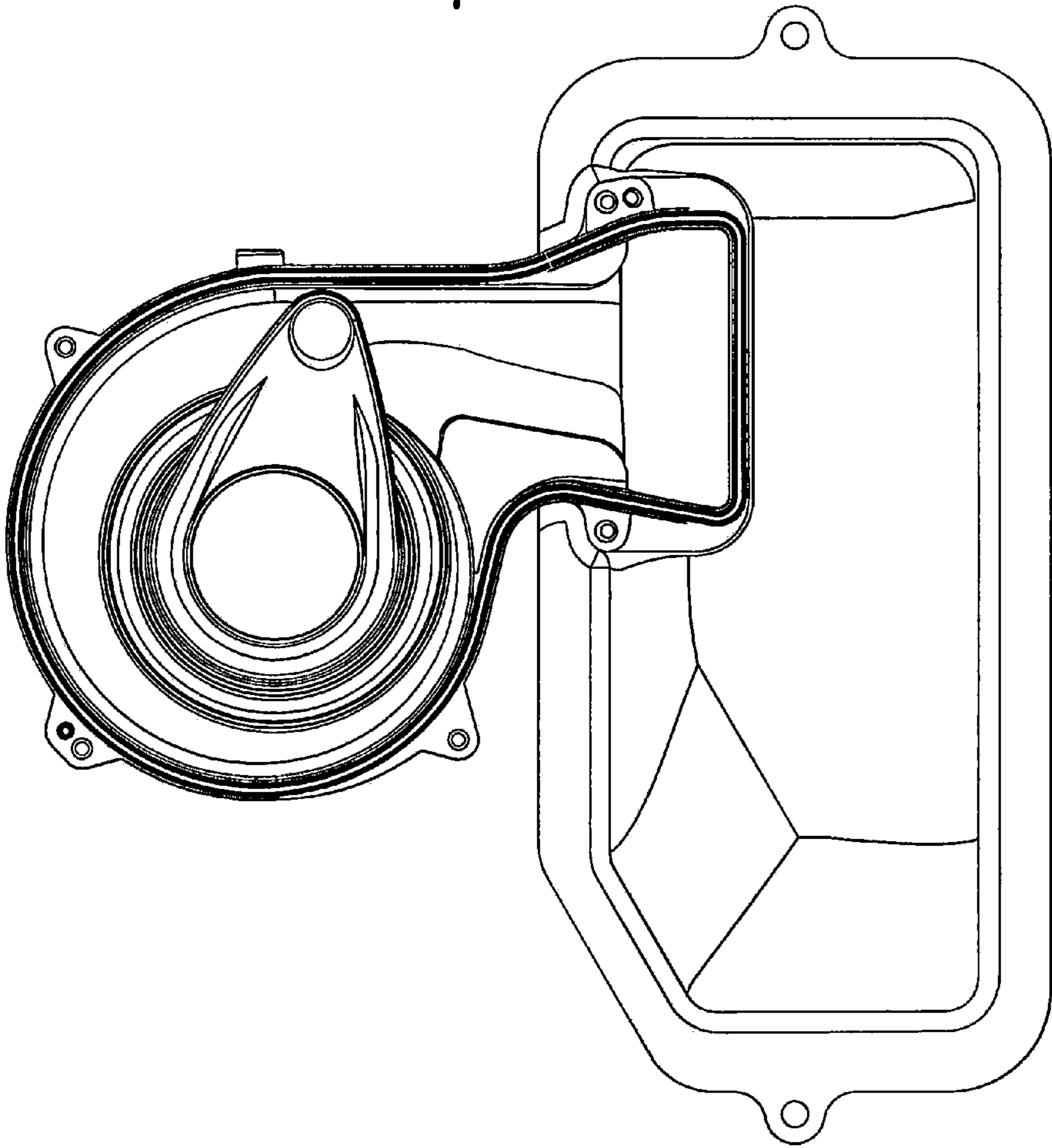


FIG - 3

FIG - 4



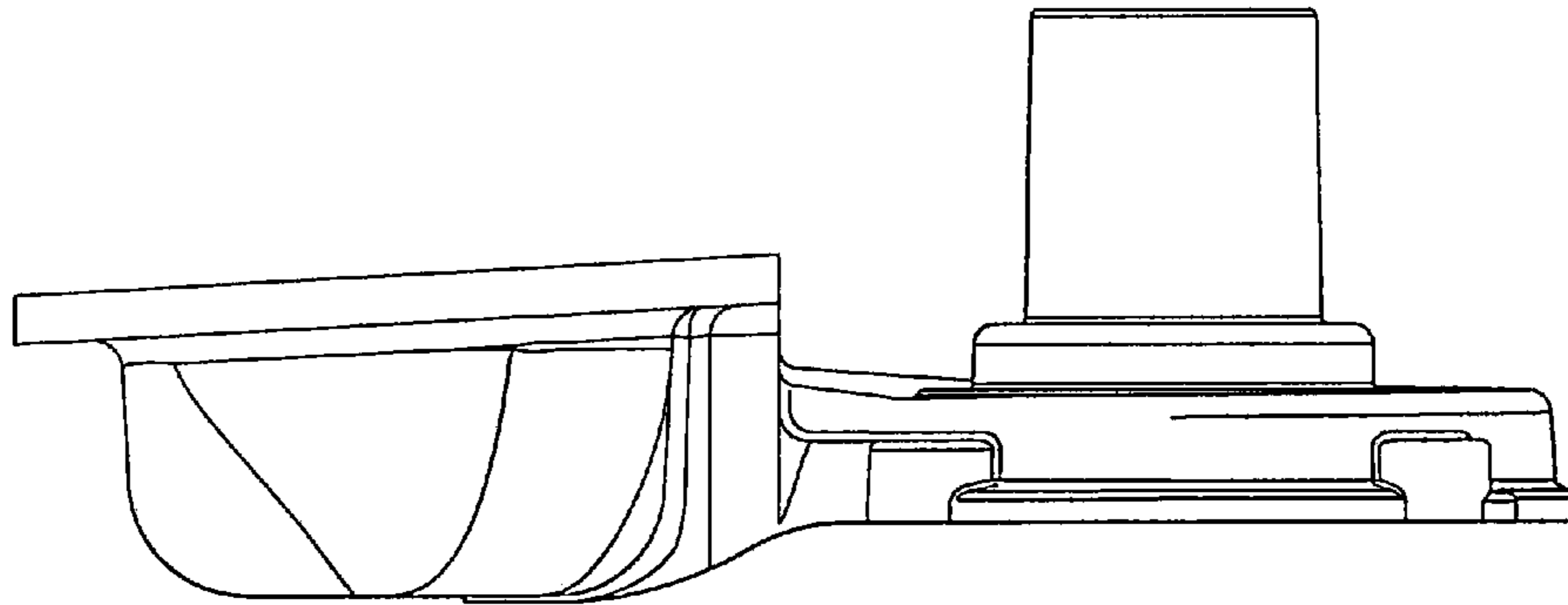


FIG - 5

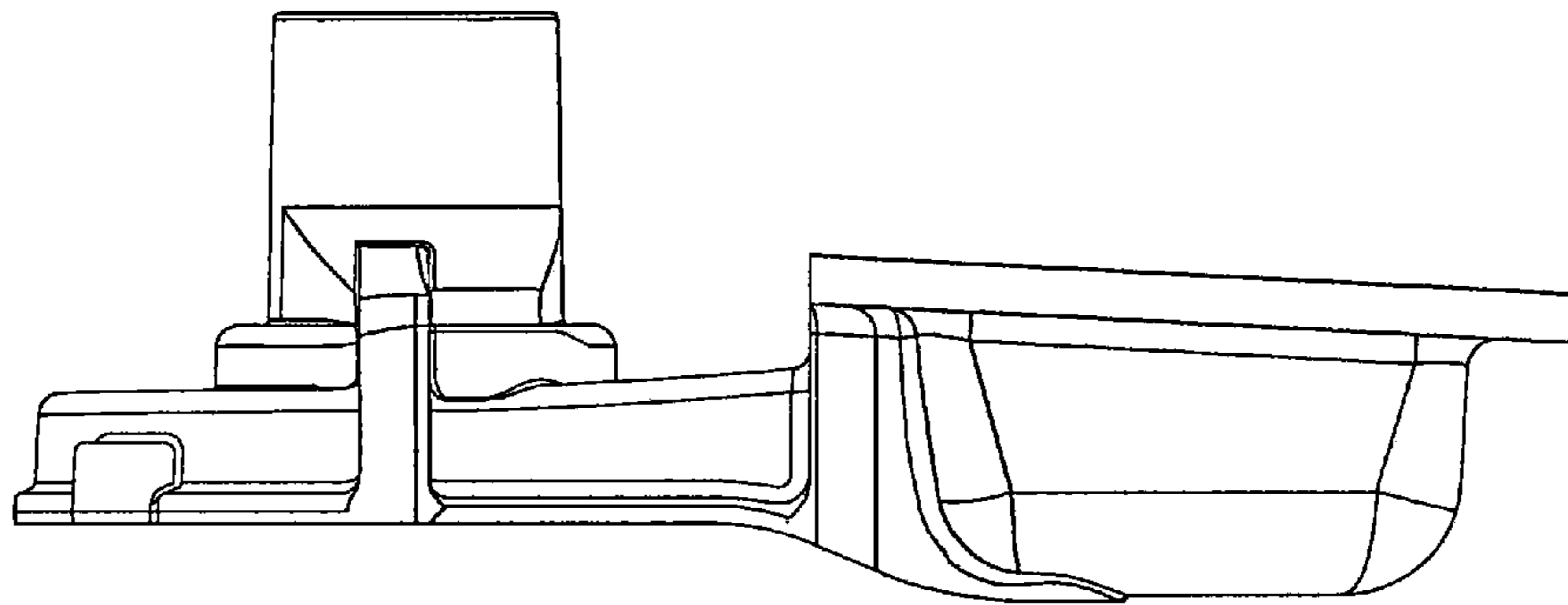


FIG - 6

