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United States Design Patent

Tostado et al.

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(54) VEHICLE LATCH

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(58) Field of Classification Search USPC D8/302, 330, 335, 339; D12/195, 400 CPC E05B 85/02; E05B 77/34; E05B 79/04 See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

5,474,338	A	12/1995	Buscher	
5,497,640	A	3/1996	Kokuryo	
6,053,543	A	4/2000	Arabia, Jr. et al.	
6,416,088	B1	7/2002	Graute	
7,926,857	B2	4/2011	Akizuki et al.	
8,146,965	B2	4/2012	Akizuki et al.	
8,267,444	B2	9/2012	Akizuki et al.	
8,388,030	B2	3/2013	Takahashi et al.	
10,370,879	B2	8/2019	Tomaszewski	
10,400,484	B2	9/2019	Didier et al.	
10,450,782	B2	10/2019	Nurmi et al.	
10,465,424	B2	11/2019	Ishiguro et al.	
10,858,866	B2	12/2020	Madrid et al.	
10,961,752	B2 *	3/2021	Borlodon	B60N 2/366
11,072,949	B2 *	7/2021	Strole	B62D 33/037
11,401,739	B2	8/2022	Suholutskaia	

11,414,898 B2 8/2022 Okuyama et al.
11,441,339 B2 9/2022 Iwata et al.
11,459,803 B2 10/2022 Tametani
(Continued)

FOREIGN PATENT DOCUMENTS

DE 102020128302 A1 5/2021
EP 1884610 A2 2/2008
(Continued)

OTHER PUBLICATIONS

Non-Final Office Action dated Nov. 24, 2023 in IPL1441US2.
US Non-Final Office Action corresponding to U.S. Appl. No. 18/219,925; Issue Date, Feb. 11, 2025, 24 pages.

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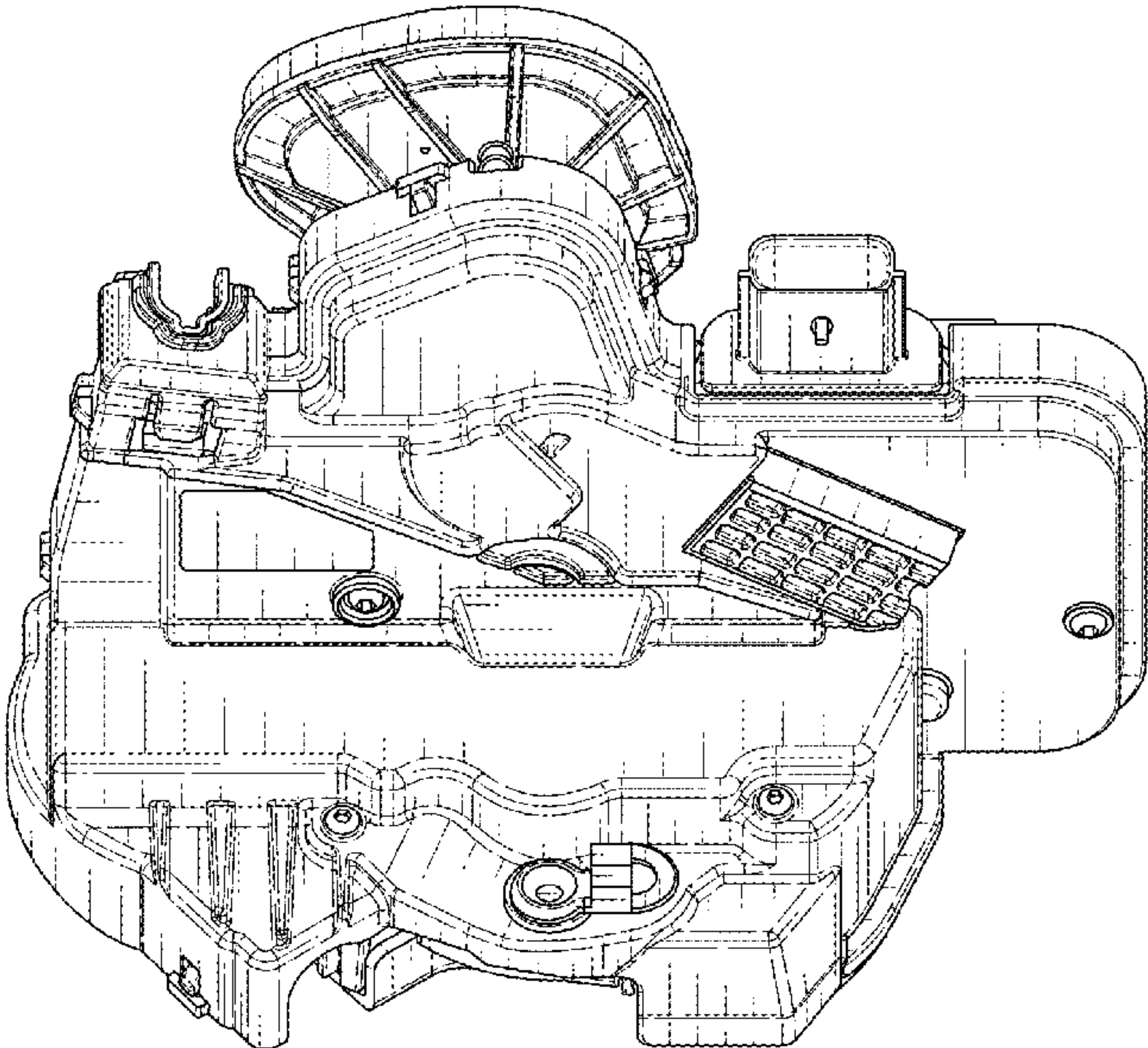
(57) CLAIM

The ornamental design for a vehicle latch, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of a vehicle latch showing our new design;
FIG. 2 is a bottom perspective view of the vehicle latch of FIG. 1;
FIG. 3 is a front side view of the vehicle latch of FIG. 1;
FIG. 4 is a rear side view of the vehicle latch of FIG. 1;
FIG. 5 is a top view of the vehicle latch of FIG. 1;
FIG. 6 is a bottom view of the vehicle latch of FIG. 1;
FIG. 7 is a right side view of the vehicle latch of FIG. 1; and,
FIG. 8 is a left side view of a vehicle latch of FIG. 1 showing our new design.
The broken lines in the drawings depict portions of the vehicle latch that form no part of the claimed design.

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D978,748 S2/2023Guevara Arreola et al.

D978,749 S2/2023Guevara Arreola et al.

11,746,570 B29/2023Escamilla Hernandez et al.

11,753,853 B29/2023Guevara Arreola et al.

11,767,688 B29/2023Akagi et al.

11,795,738 B210/2023Ney

12,031,360 B2*7/2024Thompson E05B 81/06

2001/0024040 A1*9/2001Spurr E05B 85/243

2003/0030287 A1*2/2003Fisher E05B 85/26

2005/0082842 A14/2005Warmke et al.

2006/0284426 A1*12/2006Bigazzi E05B 81/14

2010/0283268 A1*11/2010Cumbo E05B 77/06

2015/0061301 A1*3/2015Torka E05B 85/20

2015/0315824 A1*11/2015Gotzen E05B 85/243

2018/0216370 A18/2018Ishiguro et al.

2018/0371805 A112/2018Ichinose et al.

2019/0376321 A112/2019Estrada Lazcano et al.

2020/0011094 A11/2020Guevara Arreola et al.

2020/0277808 A19/2020Seo

2022/0042352 A12/2022Ney et al.

2022/0275667 A19/2022Guevara Arreola et al.

2022/0275670 A19/2022Guevara Arreola et al.

292/200

292/216

292/216

292/216

292/196

292/194

FOREIGN PATENT DOCUMENTS

EP2112306 A210/2009

EP2369103 A29/2011

EP3832056 A16/2021

GB2365487 A2/2002

GB2415740 A1/2006

JP2005126923 A5/2005

WO2009030046 A13/2009

WO2019016974 A11/2019

WO2020129542 A16/2020

* cited by examiner

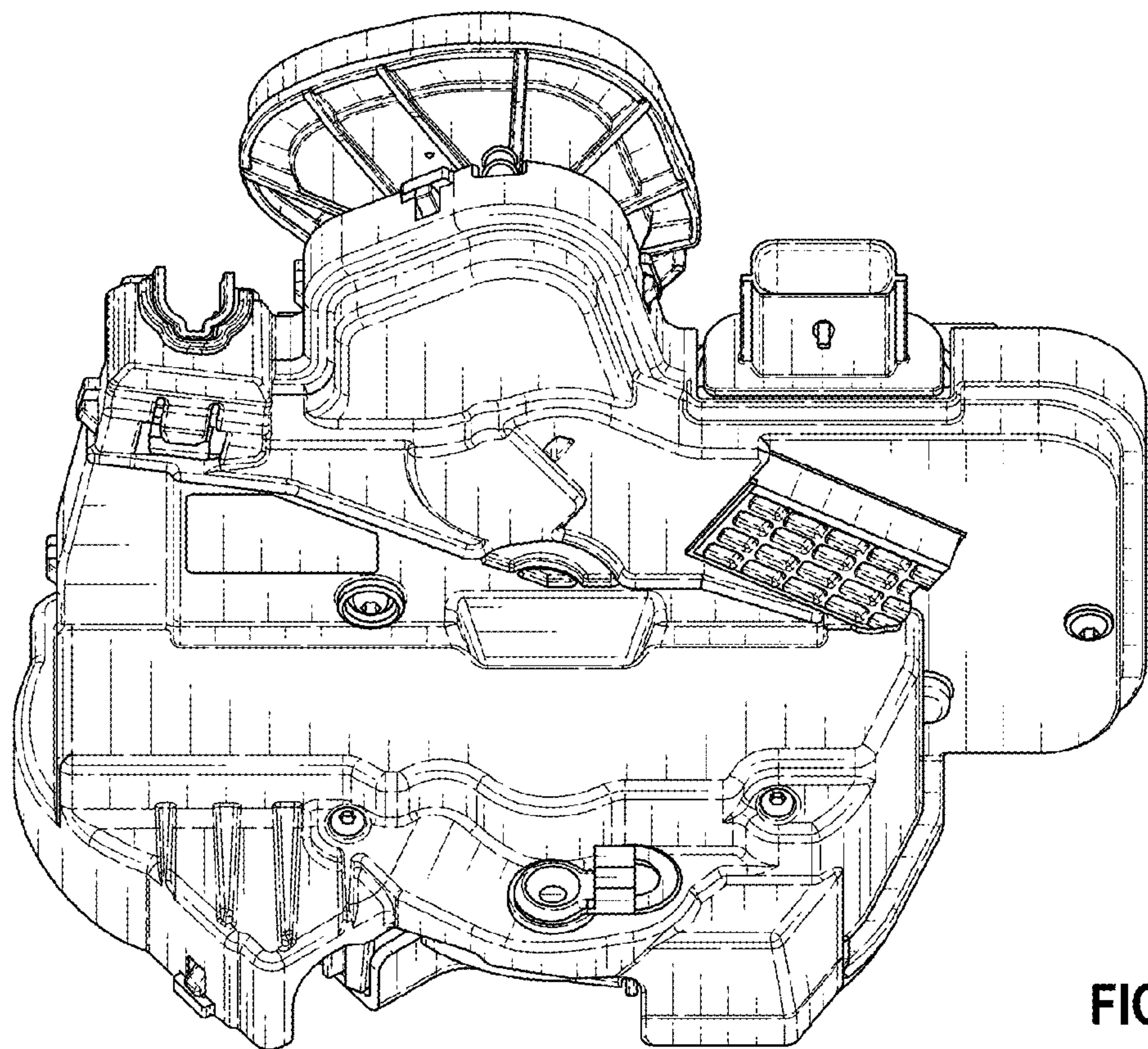


FIG. 1

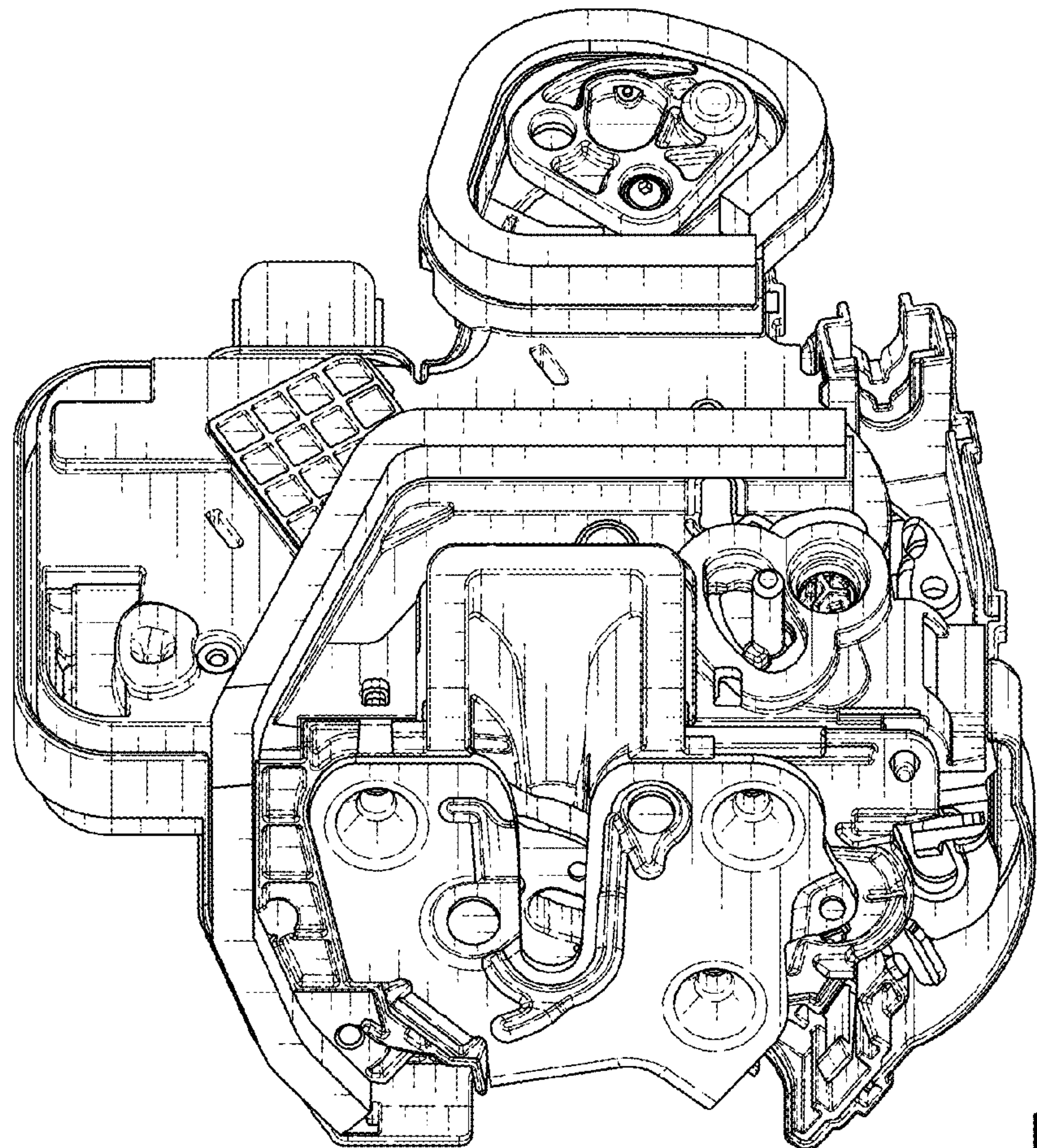


FIG. 2

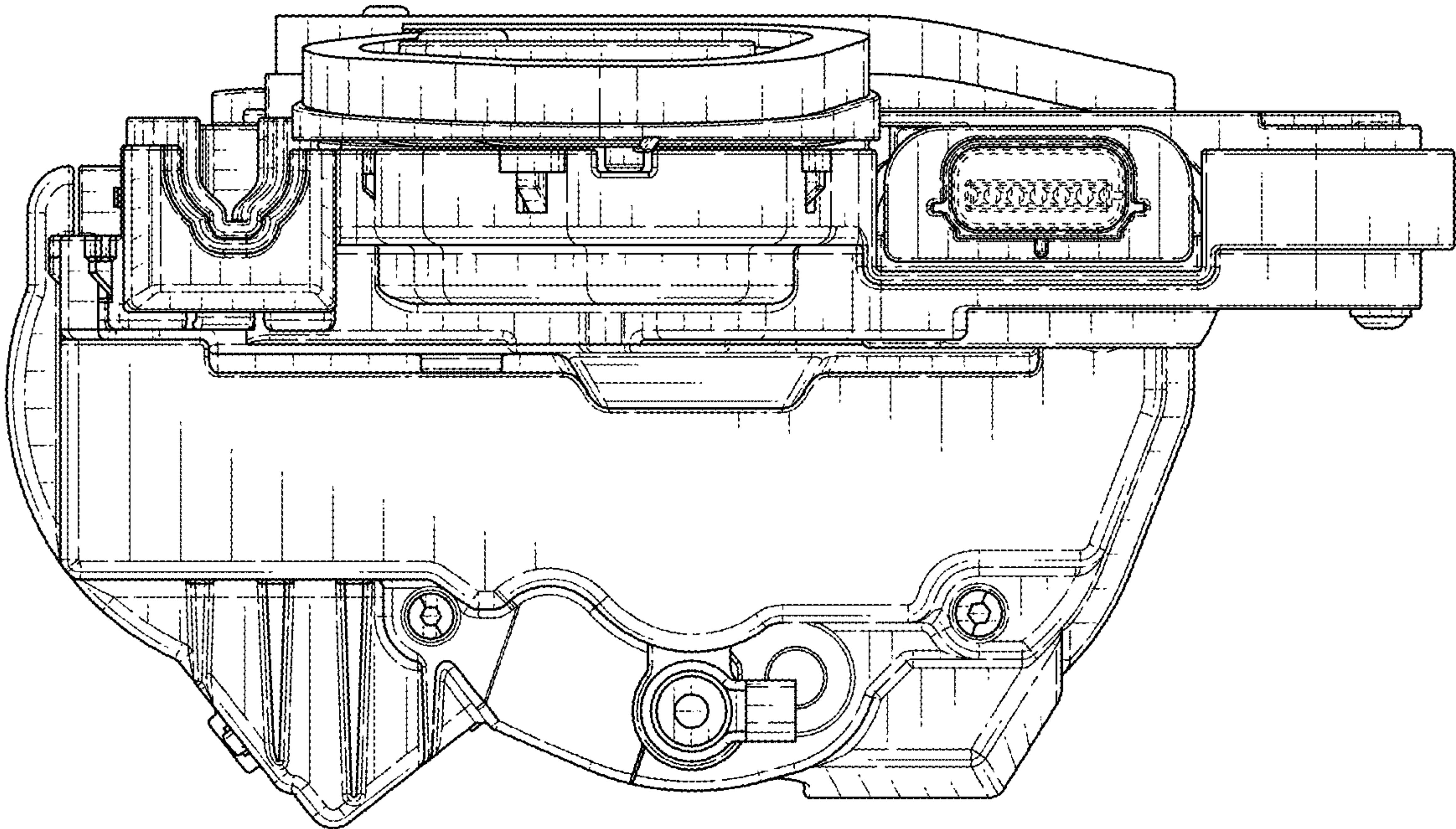


FIG. 3

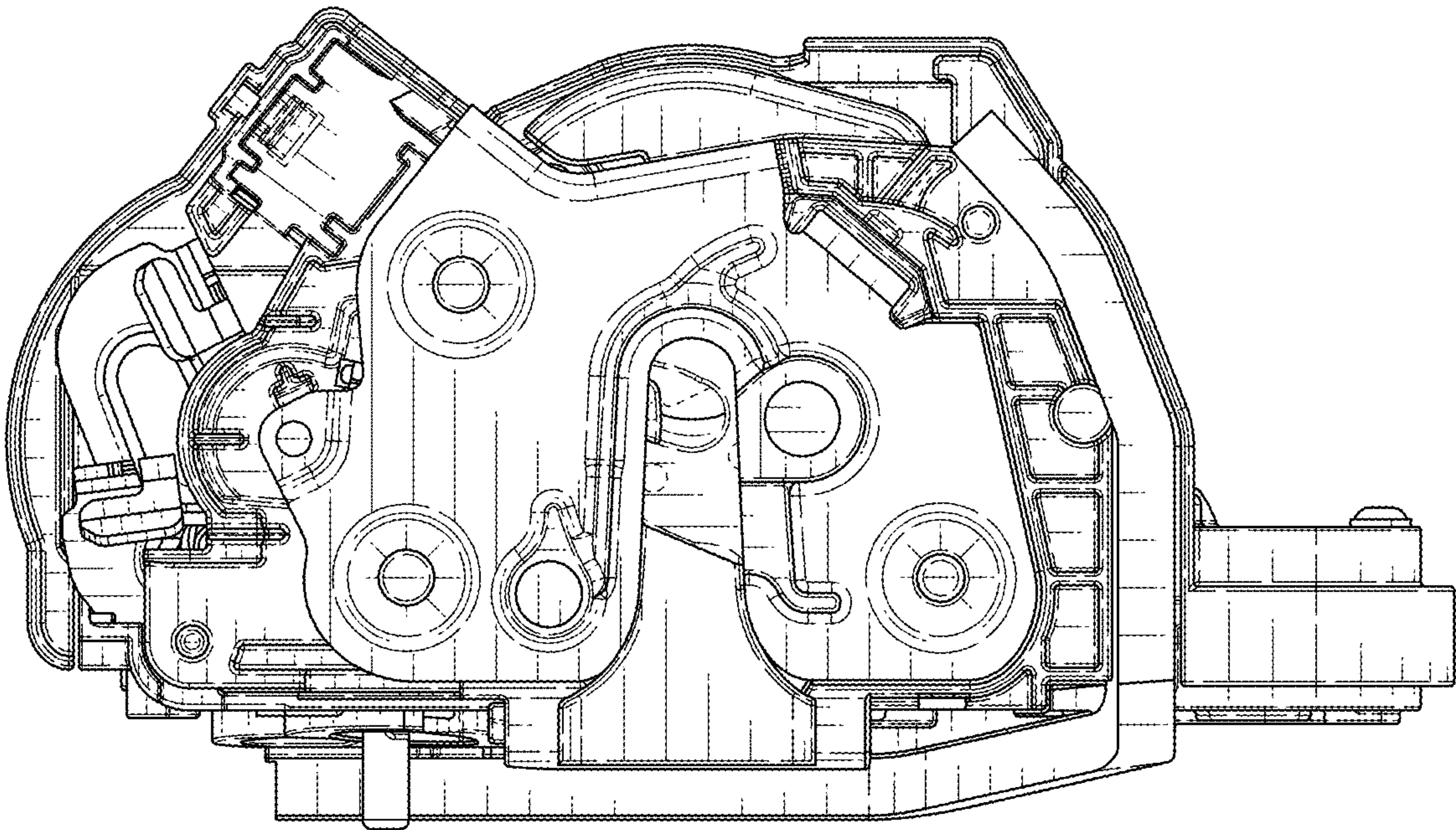


FIG. 4

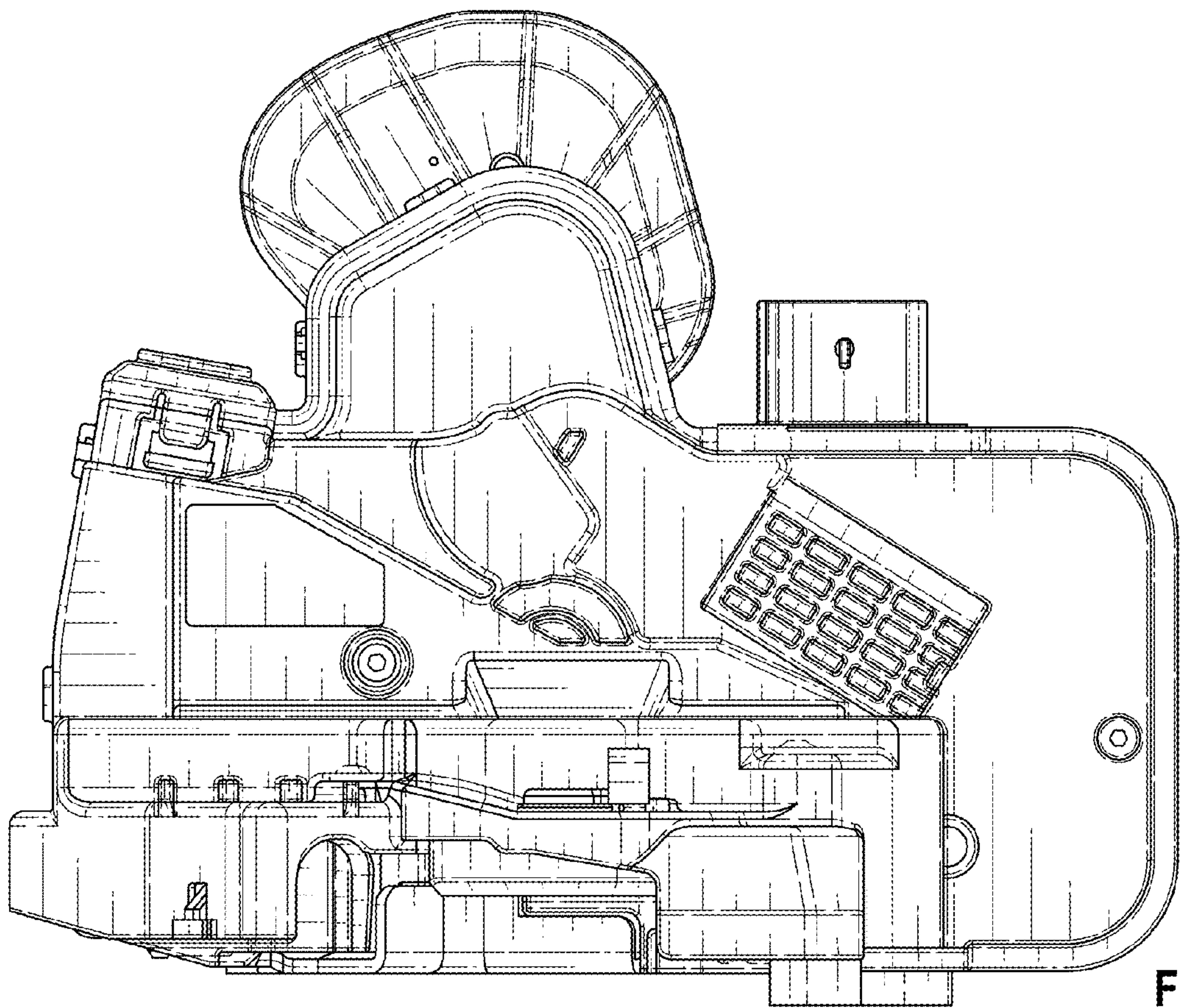


FIG. 5

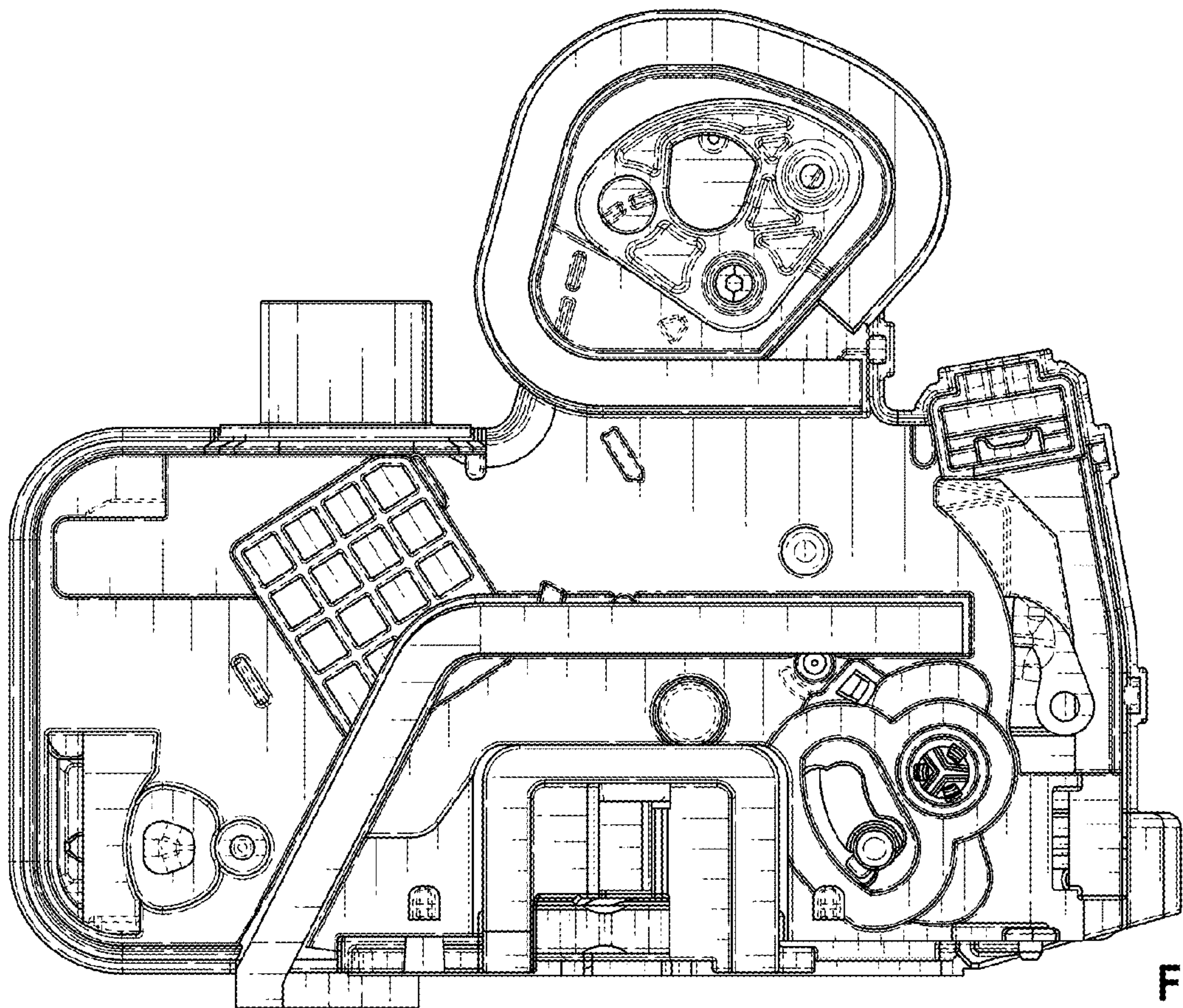


FIG. 6

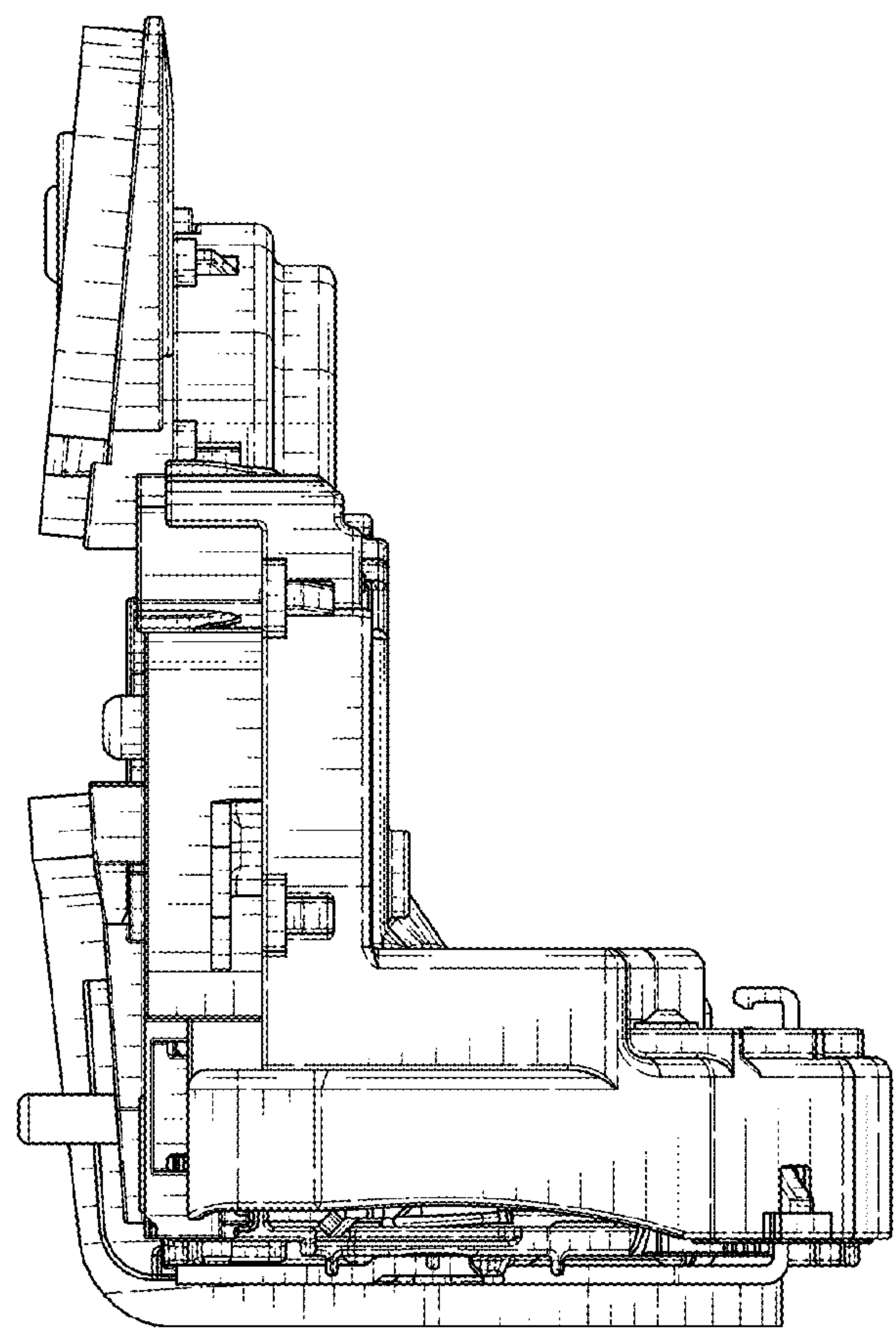


FIG. 7

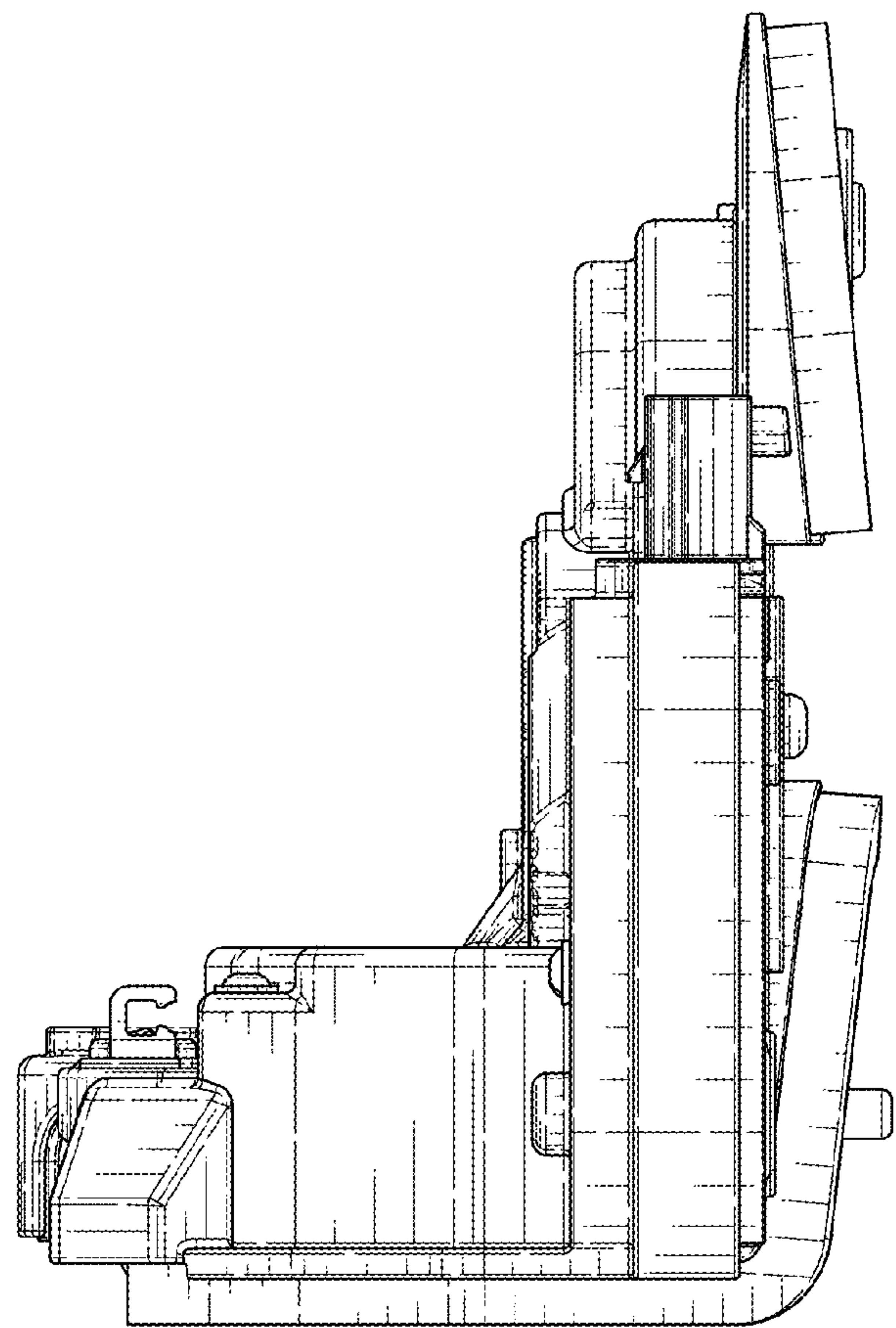


FIG. 8