US0D1026036S

(12) United States Design Patent

Bender et al.

(10) Patent No.: US D1,026,036 S
(45) Date of Patent: ** May 7, 2024

(54) **STRUCTURAL COOLANT TANK**

(71) Applicant: **Deere & Company**, Moline, IL (US)

(72) Inventors: **Jesse J. Bender**, Waterloo, IA (US); **Noah F. Homan**, Waterloo, IA (US); **Jade E. Bender**, Waterloo, IA (US)

(73) Assignee: **Deere & Company**, Moline, IL (US)

(**) Term: **15 Years**

(21) Appl. No.: **29/858,037**

(22) Filed: **Oct. 27, 2022**

Related U.S. Application Data

(63) Continuation-in-part of application No. 17/532,045, filed on Nov. 22, 2021.

(51) **LOC (14) Cl.** **15-01**

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

(58) **Field of Classification Search**
USPC D15/5, 4, 6; D8/16, 349, 354
CPC F01P 2025/30; F01P 3/18; F01P 11/029; B60H 1/04; B60H 1/08
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,757,984	A	9/1973	Barton	
6,247,442	B1 *	6/2001	Bedard	F02B 61/00 123/184.21
D534,904	S	1/2007	Crawford	
D766,751	S	9/2016	Reeder	
D772,774	S	11/2016	Yuan	
D775,235	S	12/2016	Huckey	
10,590,832	B2 *	3/2020	Takahashi	F01P 3/18

(Continued)

FOREIGN PATENT DOCUMENTS

CN	110985191	A	4/2020
DE	102005054964	A1	5/2007

(Continued)

OTHER PUBLICATIONS

Extended European Search Report and Written Opinion issued in European Patent Application No. 22202825.0, dated Apr. 21, 2023, in 08 pages.

Primary Examiner — Ania Aman
(74) *Attorney, Agent, or Firm* — Tucker Ellis LLP; Michael G. Craig; Heather M. Barnes

(57) **CLAIM**

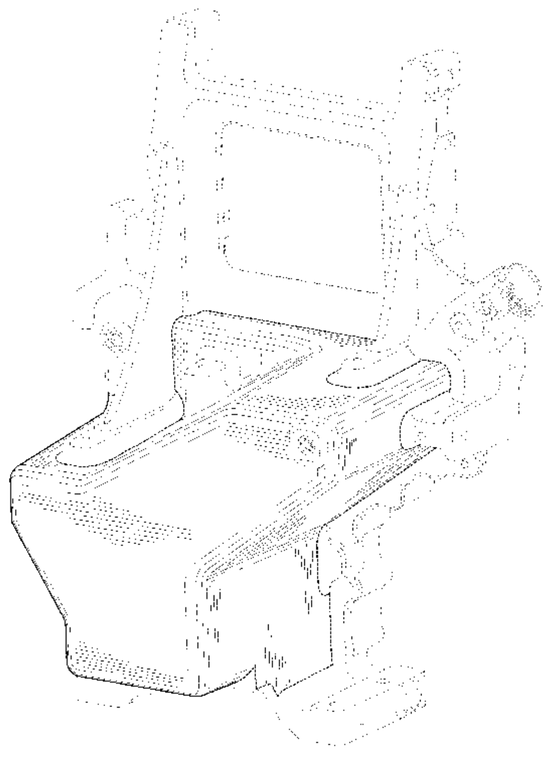
The ornamental design for a structural coolant tank, as shown and described.

DESCRIPTION

FIG. **1** is a front-top perspective view of a new design for a structural coolant tank;
FIG. **2** is a rear-bottom perspective view of the new design for the structural coolant tank;
FIG. **3** is a right side view of the new design for the structural coolant tank;
FIG. **4** is a left side view of the new design for the structural coolant tank;
FIG. **5** is a front view of the new design for the structural coolant tank;
FIG. **6** is a rear view of the new design for the structural coolant tank;
FIG. **7** is a top view of the new design for the structural coolant tank; and,
FIG. **8** is a bottom view of the new design for the structural coolant tank.

The broken lines shown around the perimeter of the front of the structural coolant tank depict the boundary of the claim while the other broken lines in the views depict environmental subject matter only, and form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

10,919,375	B2 *	2/2021	Blanc	B60K 1/00
D913,078	S	3/2021	Pavlov	
2002/0092856	A1 *	7/2002	Maeda	B29C 49/2408 123/41.52
2008/0190385	A1 *	8/2008	Bangert	F01P 11/029 123/41.44
2009/0095761	A1 *	4/2009	Wada	F28F 9/0231 220/660
2018/0266306	A1 *	9/2018	Dumas	F01P 11/029
2018/0283261	A1 *	10/2018	Morishita	F01P 11/029
2020/0149463	A1 *	5/2020	Trythall	B01D 36/001
2022/0227220	A1	7/2022	Ulrich	
2022/0315115	A1	10/2022	Lyons et al.	
2023/0160332	A1 *	5/2023	Bender	F01P 11/14 180/69.2
2023/0220844	A1 *	7/2023	Ma	F04B 53/10 137/102

FOREIGN PATENT DOCUMENTS

DE	102018203948	B3	7/2019
WO	WO 0139949	A2	6/2001
WO	WO 03053768	A1	7/2003

* cited by examiner

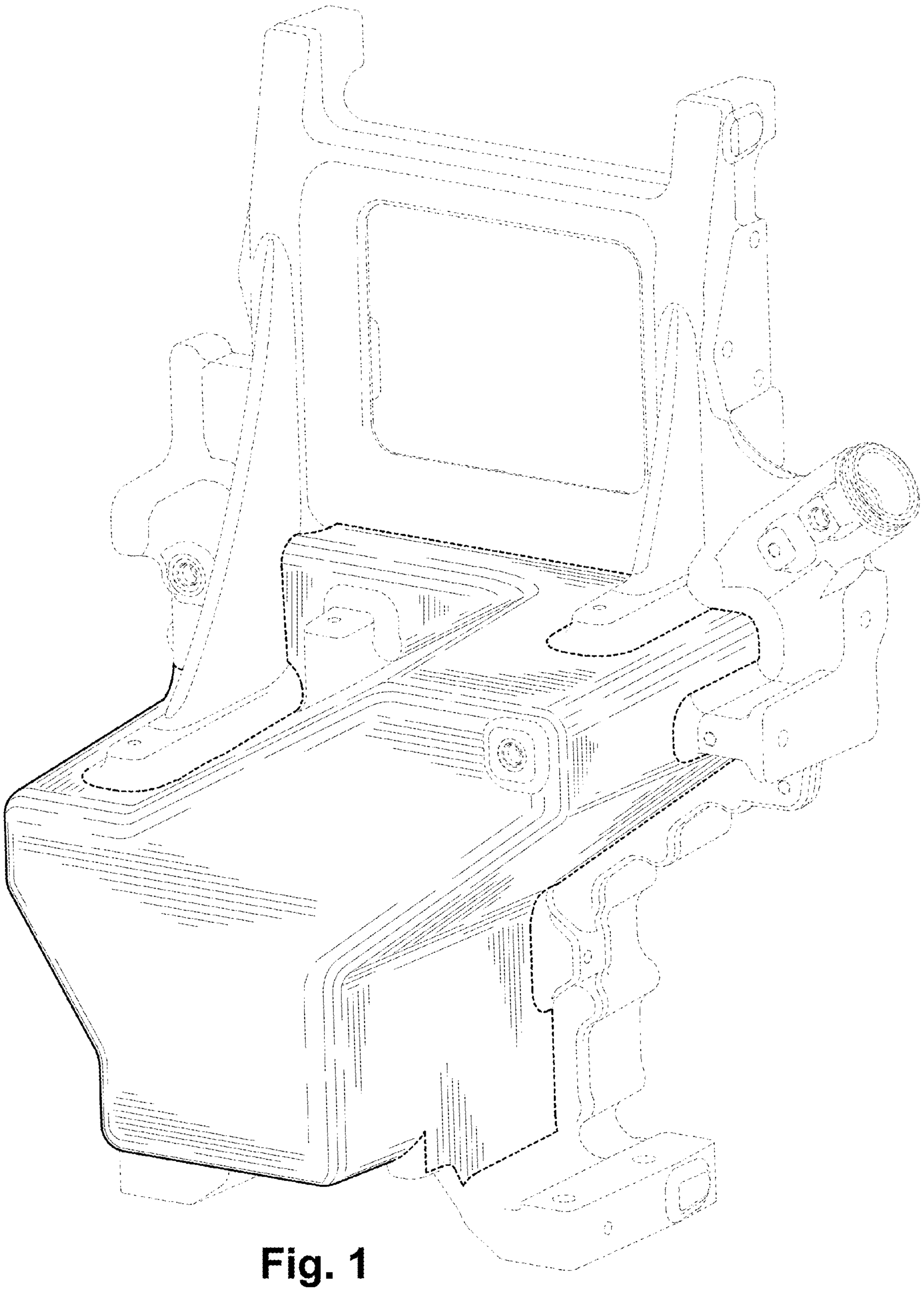


Fig. 1

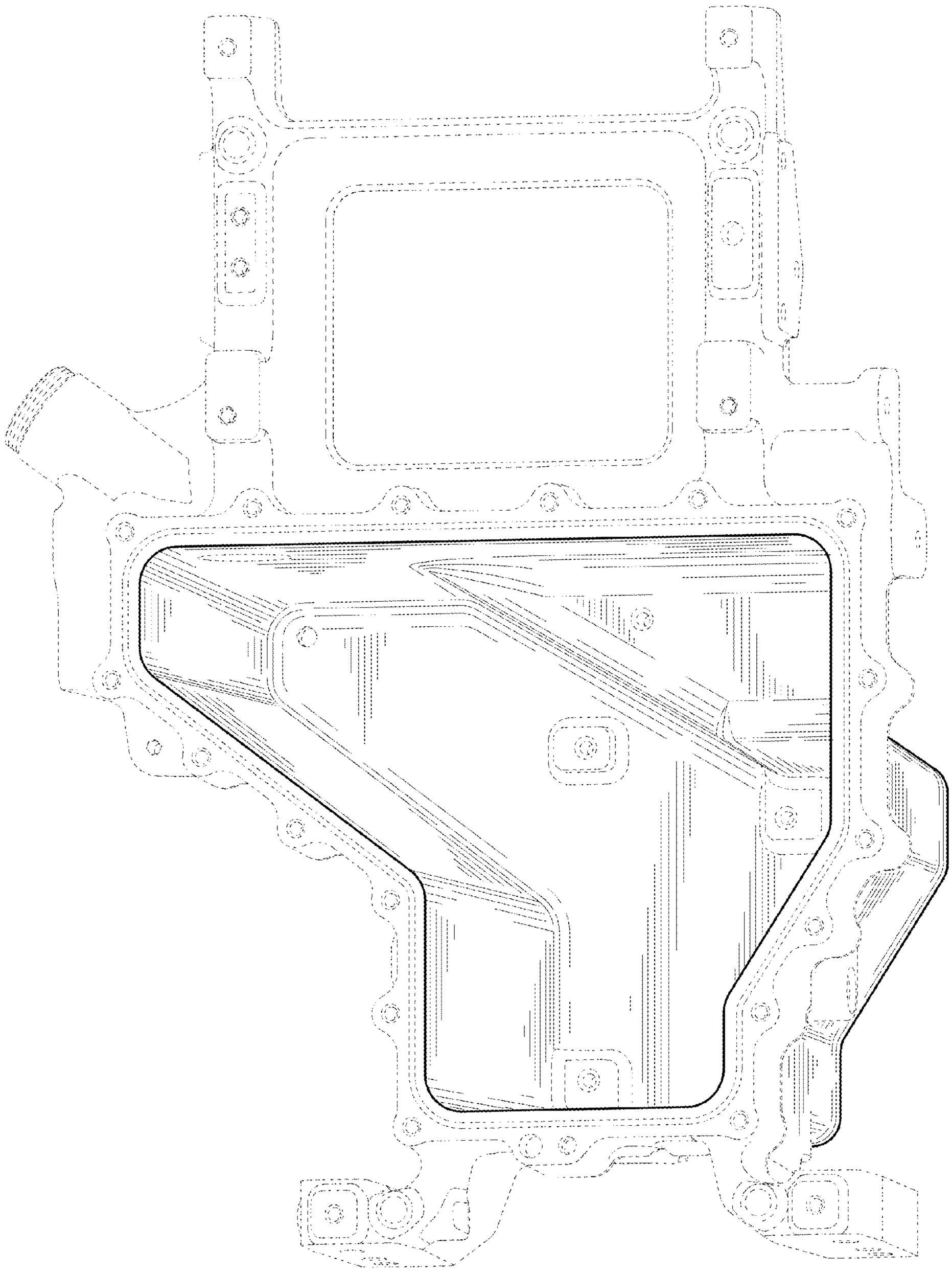


Fig. 2

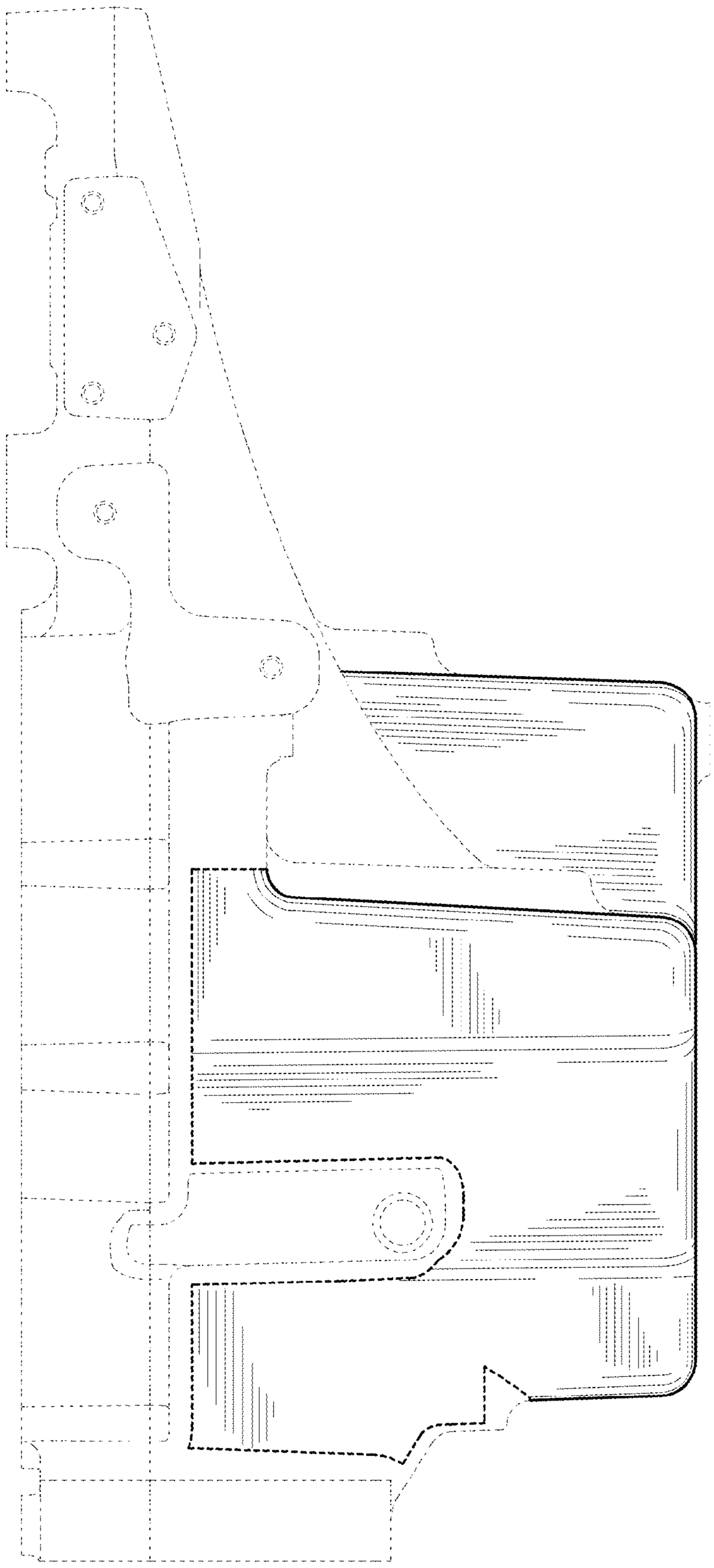


Fig. 3

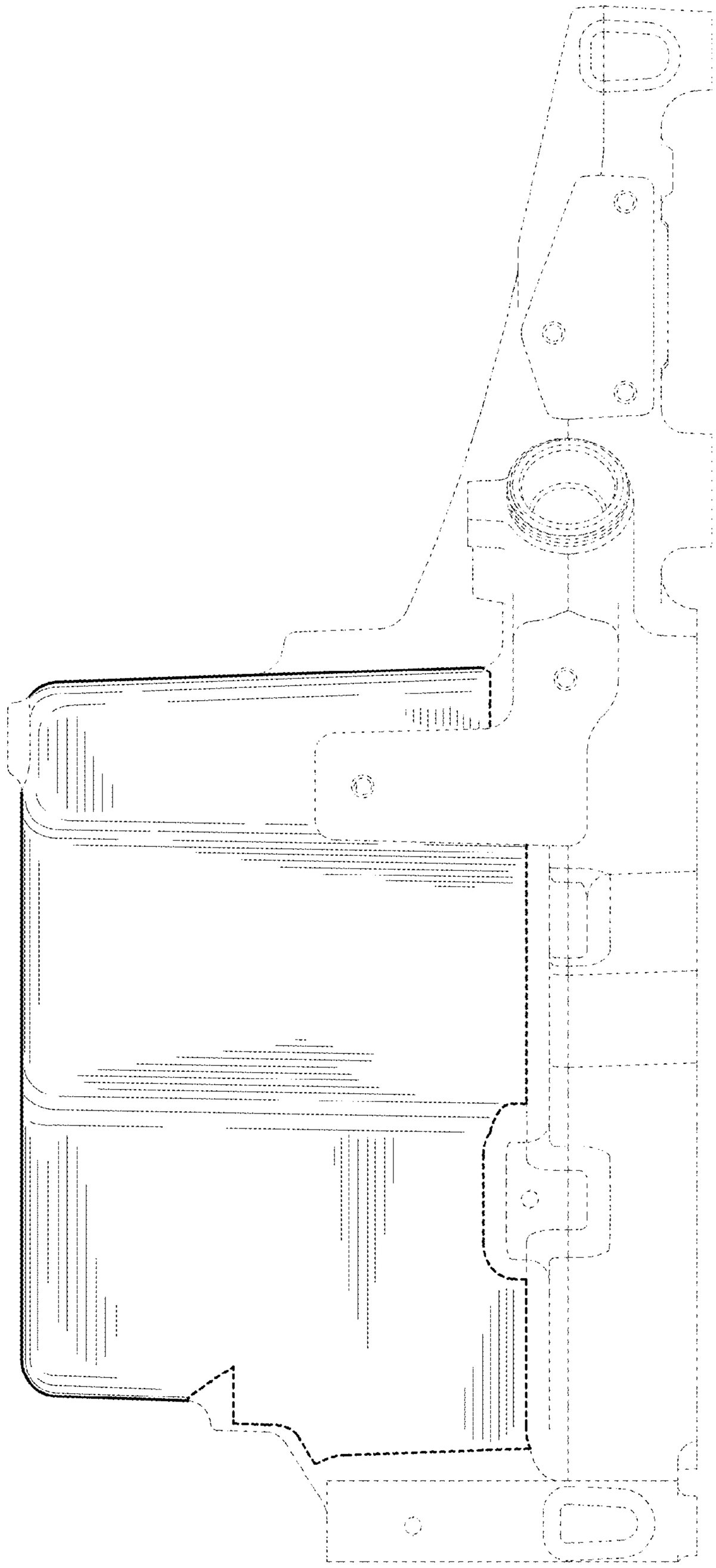


Fig. 4

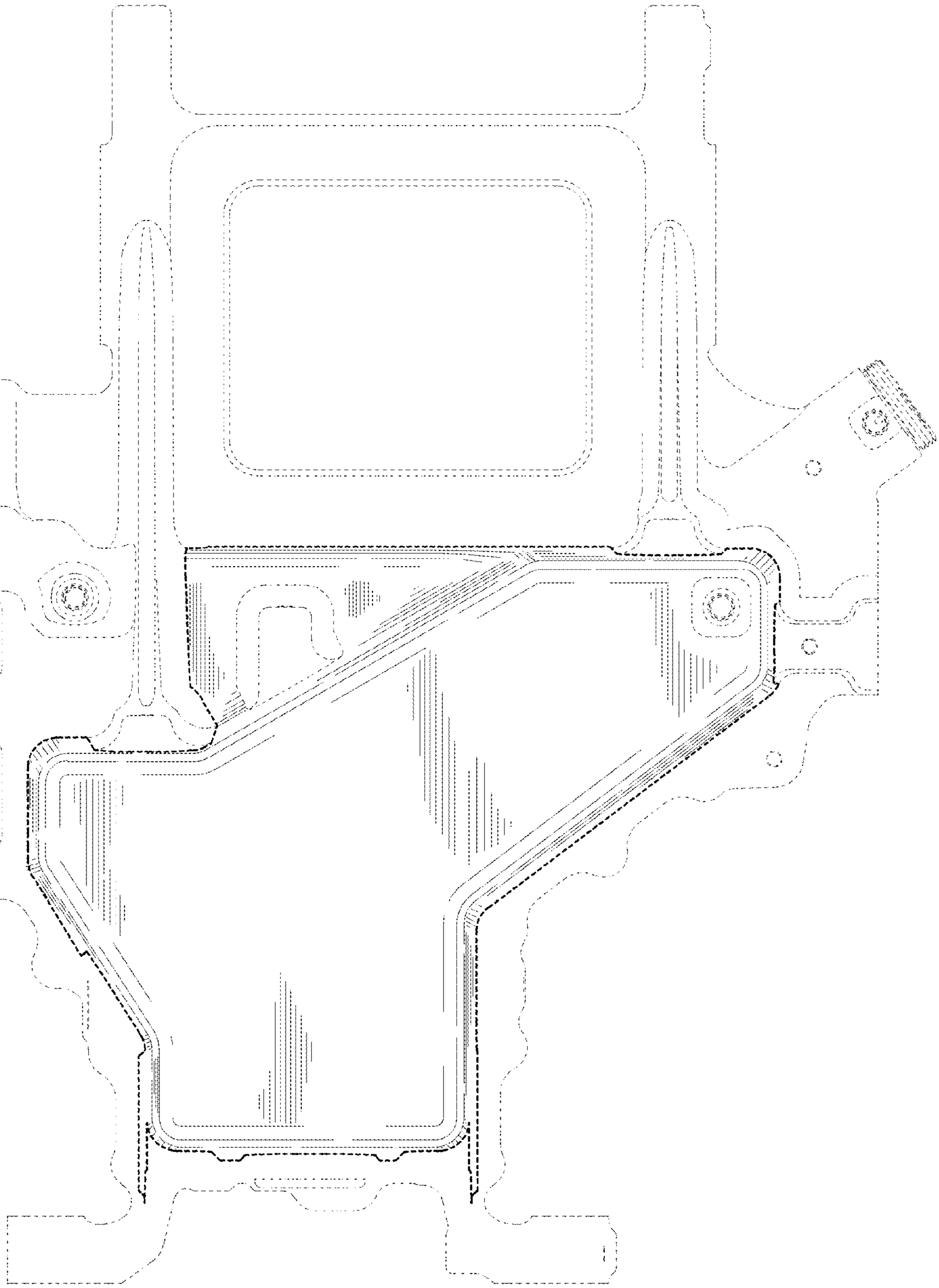


Fig. 5

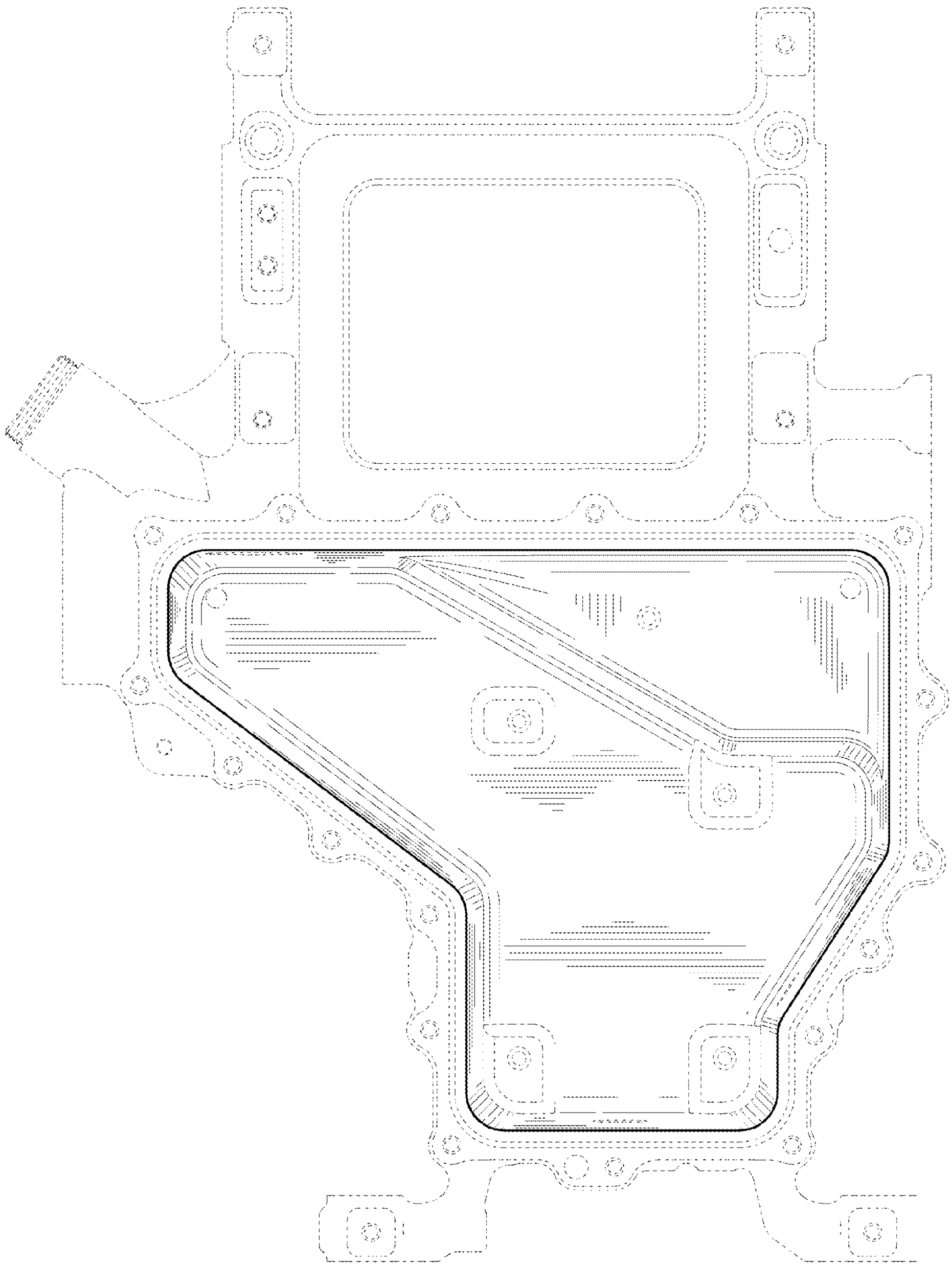


Fig. 6

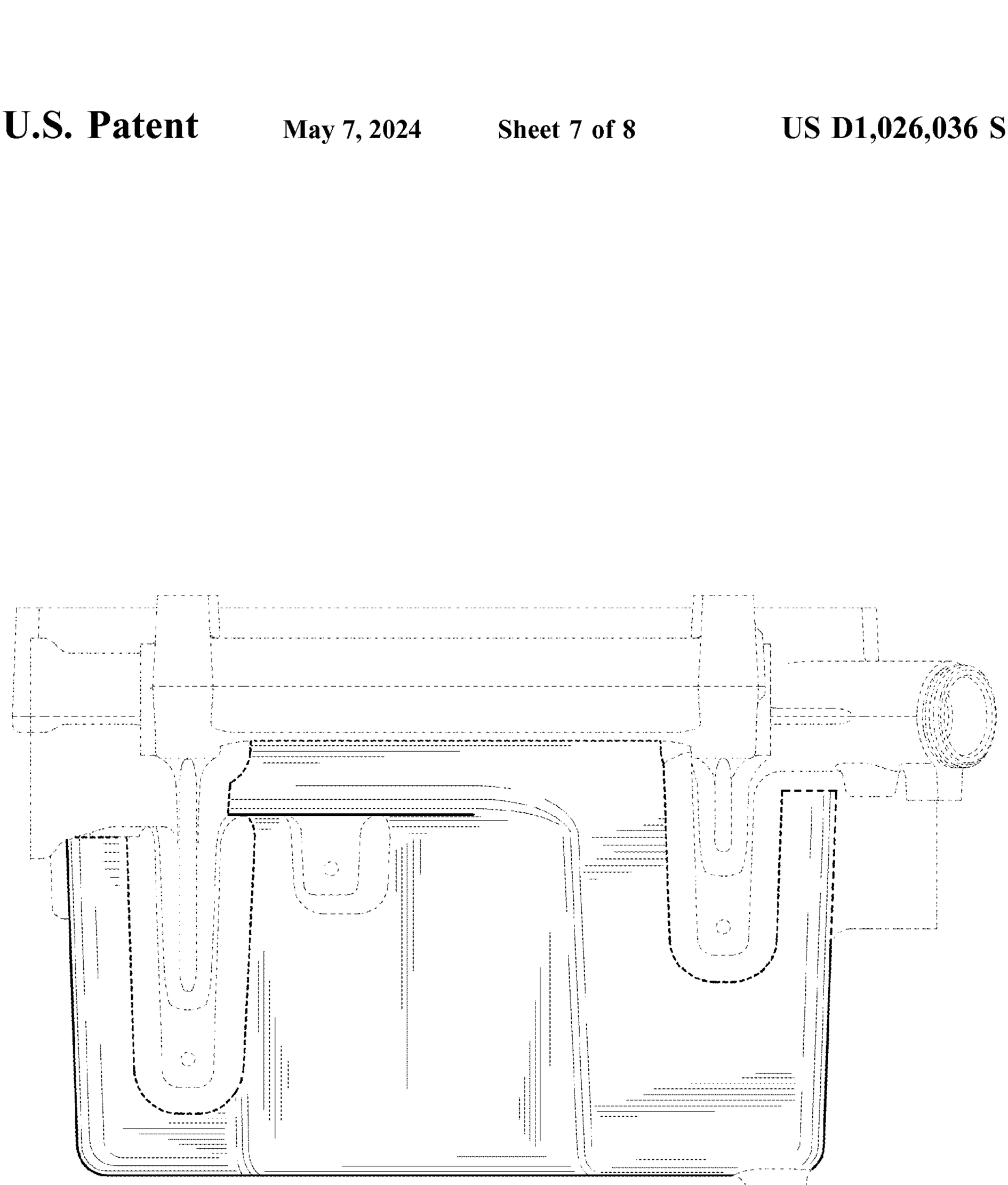


Fig. 7

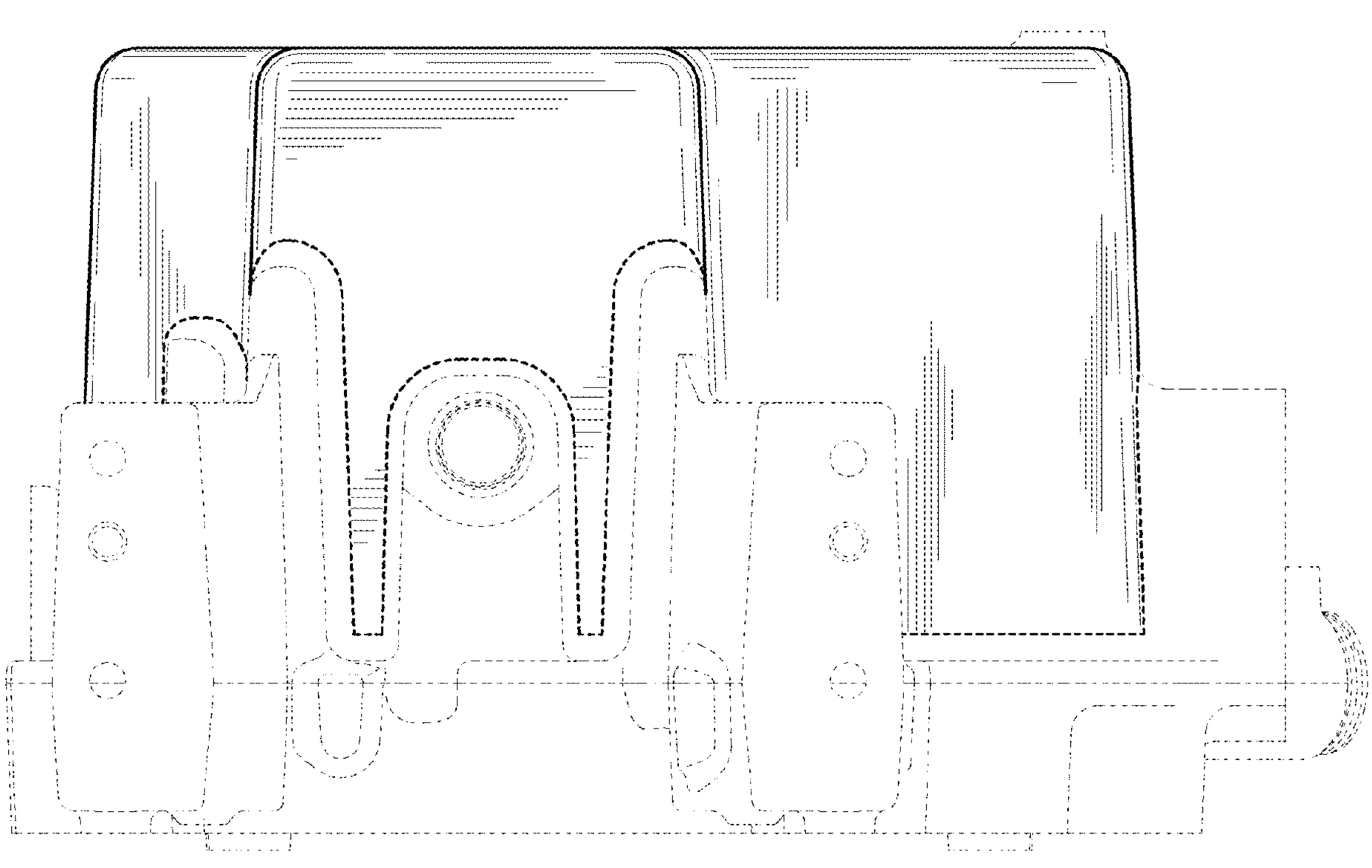


Fig. 8