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

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(45) **Date of Patent: ** Jun. 20, 2017**

(54) **HOUSING FOR A WATERPROOF CONNECTOR**

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(73) Assignee: **Molex, LLC**, Lisle, IL (US)

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (10) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/149**

(58) **Field of Classification Search**
USPC D13/123, 133, 134, 137.1–137.4, 138.1, D13/138.2, 139.1, 139.7, 144–147, 149, D13/155, 156, 173, 184, 199
CPC H01R 13/50; H01R 13/502; H01R 13/52; H01R 13/521; H01R 13/58; H01R 13/62; H01R 13/627; H01R 13/629; H01R 9/00; H01R 13/00
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D473,849	S *	4/2003	Yeh	D13/147
8,882,521	B2	11/2014	Conway	
9,028,267	B2 *	5/2015	Furuya	H01R 9/16 439/271
2001/0044228	A1	11/2001	Noro	
2002/0127912	A1 *	9/2002	Hamai	H01R 13/5208 439/587
2006/0040535	A1	2/2006	Koshy	

(Continued)

FOREIGN PATENT DOCUMENTS

JP	D1347083	12/2008
JP	D1358540	5/2009

OTHER PUBLICATIONS

Molex-CMC Sealed, Hybrid, Modular Connectors and Headers, dated Nov. 11, 2013, [online], [site visited Dec. 13, 2016]. Available from Internet, <URL: https://www.youtube.com/watch?v=7ZNe4qvVICk>.*

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Assistant Examiner — Shawn T Gingrich
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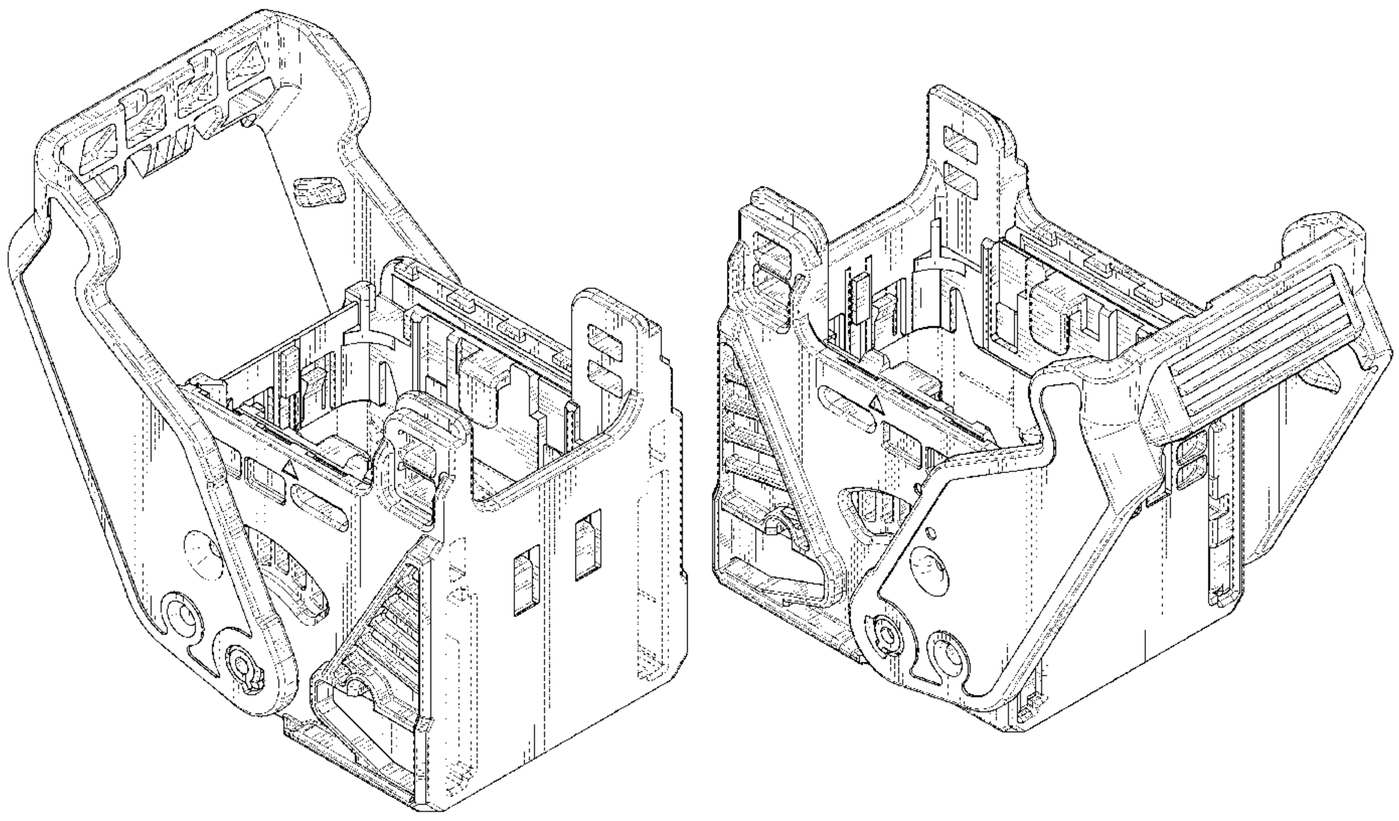
(57) **CLAIM**

The ornamental design for a housing for a waterproof connector, as shown and described.

DESCRIPTION

FIG. **1** is a perspective view of an embodiment of a housing for a waterproof connector;
FIG. **2** is another perspective view of the embodiment depicted in FIG. **1**;
FIG. **3** is an elevated side view of the embodiment depicted in FIG. **1** taken from a first direction;
FIG. **4** is an elevated side view of the embodiment depicted in FIG. **1** taken from a second direction, the second direction being opposite the first direction;
FIG. **5** is a top view of the embodiment depicted in FIG. **1**;
FIG. **6** is a bottom view of the embodiment depicted in FIG. **1**;
FIG. **7** is an elevated front view of the embodiment depicted in FIG. **1**; and,
FIG. **8** is an elevated rear view of the embodiment depicted in FIG. **1**.
The broken line portion of the figure drawings is included to show portions of the article that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

2007/0128900	A1*	6/2007	Bauman	H01R 13/62955 439/157
2007/0197081	A1	8/2007	Patterson	
2010/0081313	A1	4/2010	Komiyama	
2011/0014805	A1	1/2011	Sakamaki	
2011/0021048	A1	1/2011	Sakamaki	
2011/0021064	A1*	1/2011	Shibata	H01R 13/5213 439/470
2011/0034049	A1	2/2011	Shishikura	
2011/0086529	A1	4/2011	Kobayashi	
2011/0086533	A1	4/2011	Kobayashi	
2012/0208383	A1	8/2012	Kobayashi	
2016/0079699	A1*	3/2016	Kobayashi	H01R 13/506 439/660
2016/0190738	A9*	6/2016	Henmi	H01R 13/62933 439/157
2016/0315413	A1*	10/2016	Kobayashi	H01R 13/521
2016/0336686	A1*	11/2016	Obata	H01R 13/62938

* cited by examiner

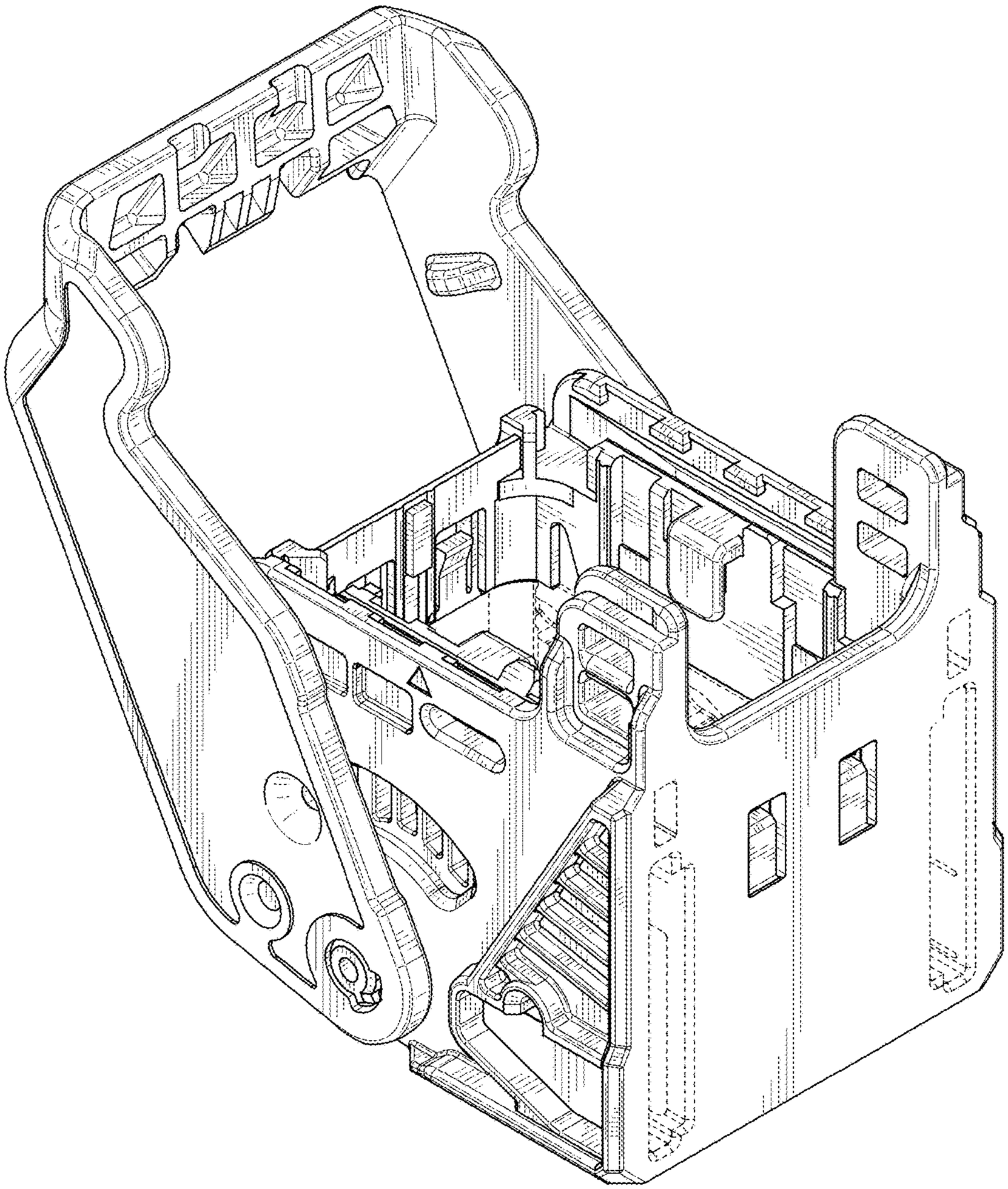


FIG. 1

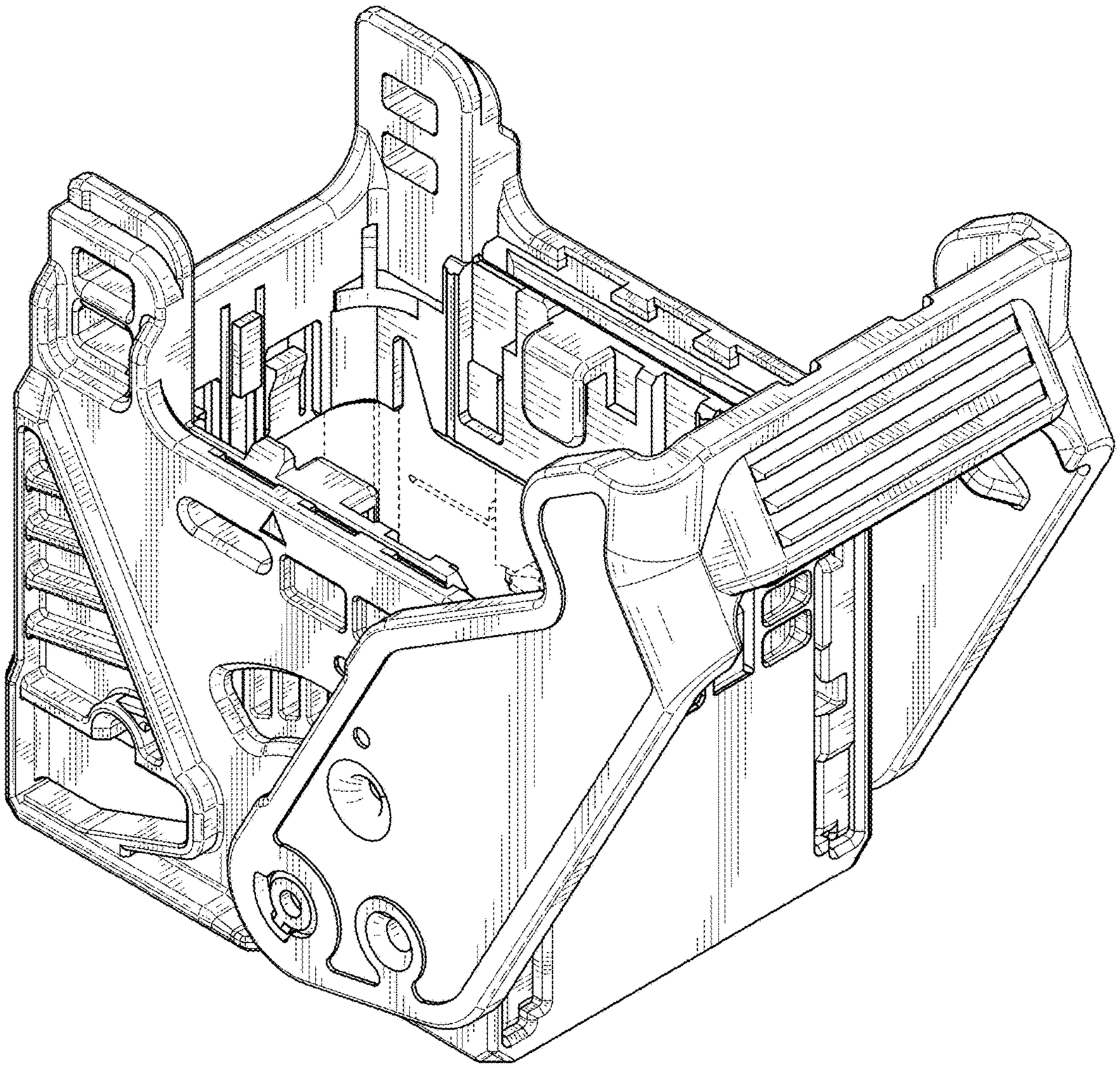


FIG. 2

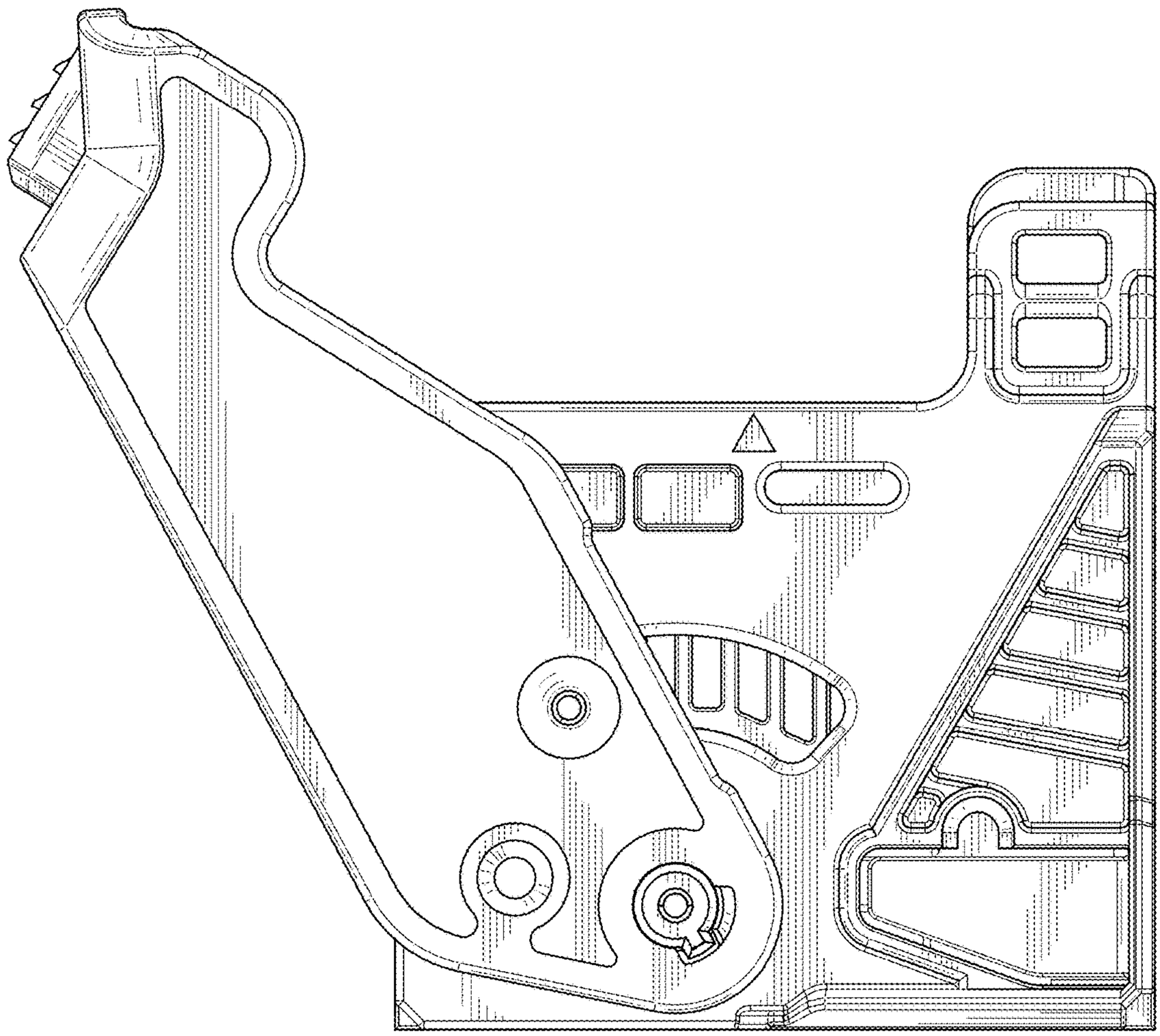


FIG. 3

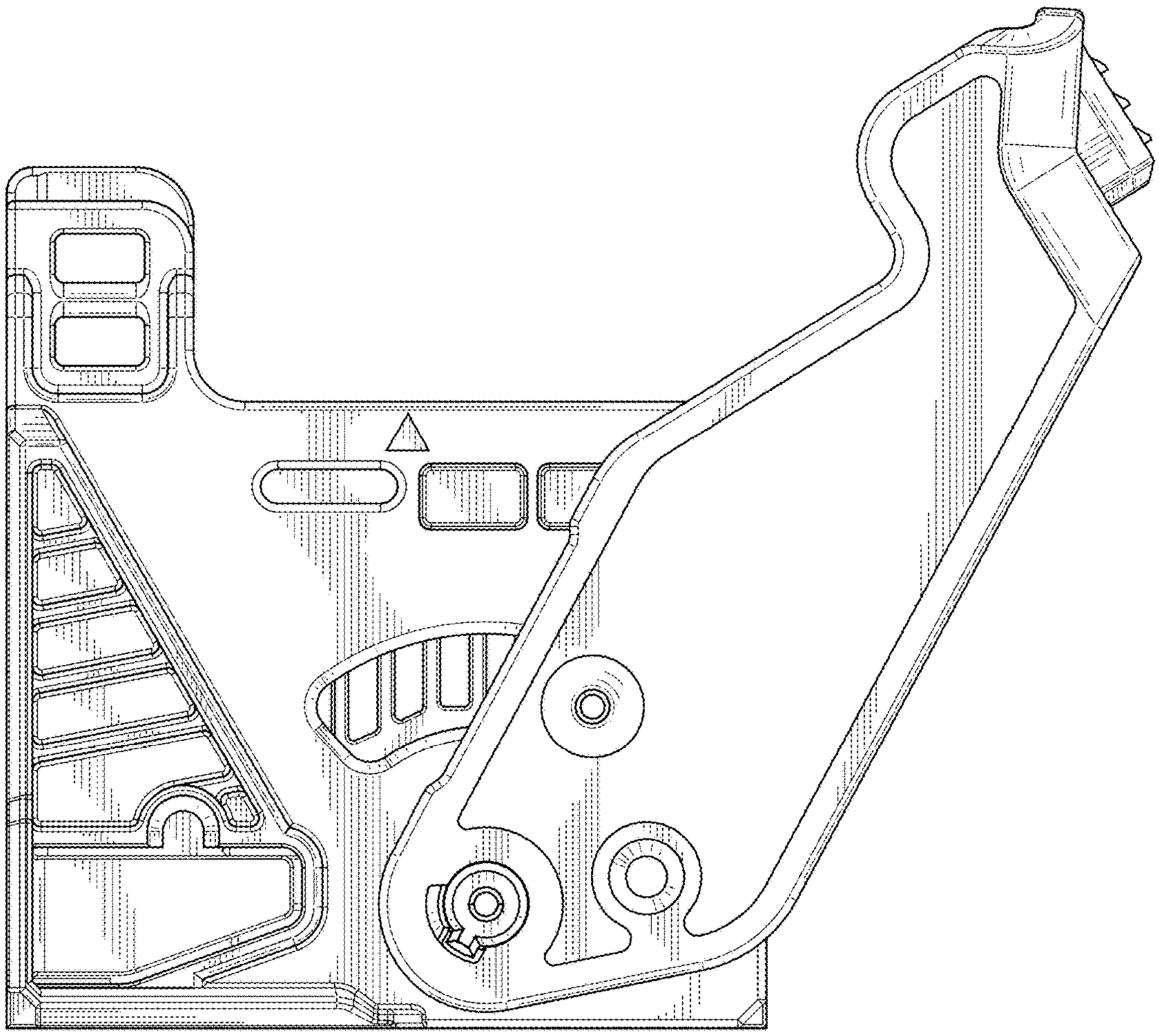


FIG. 4

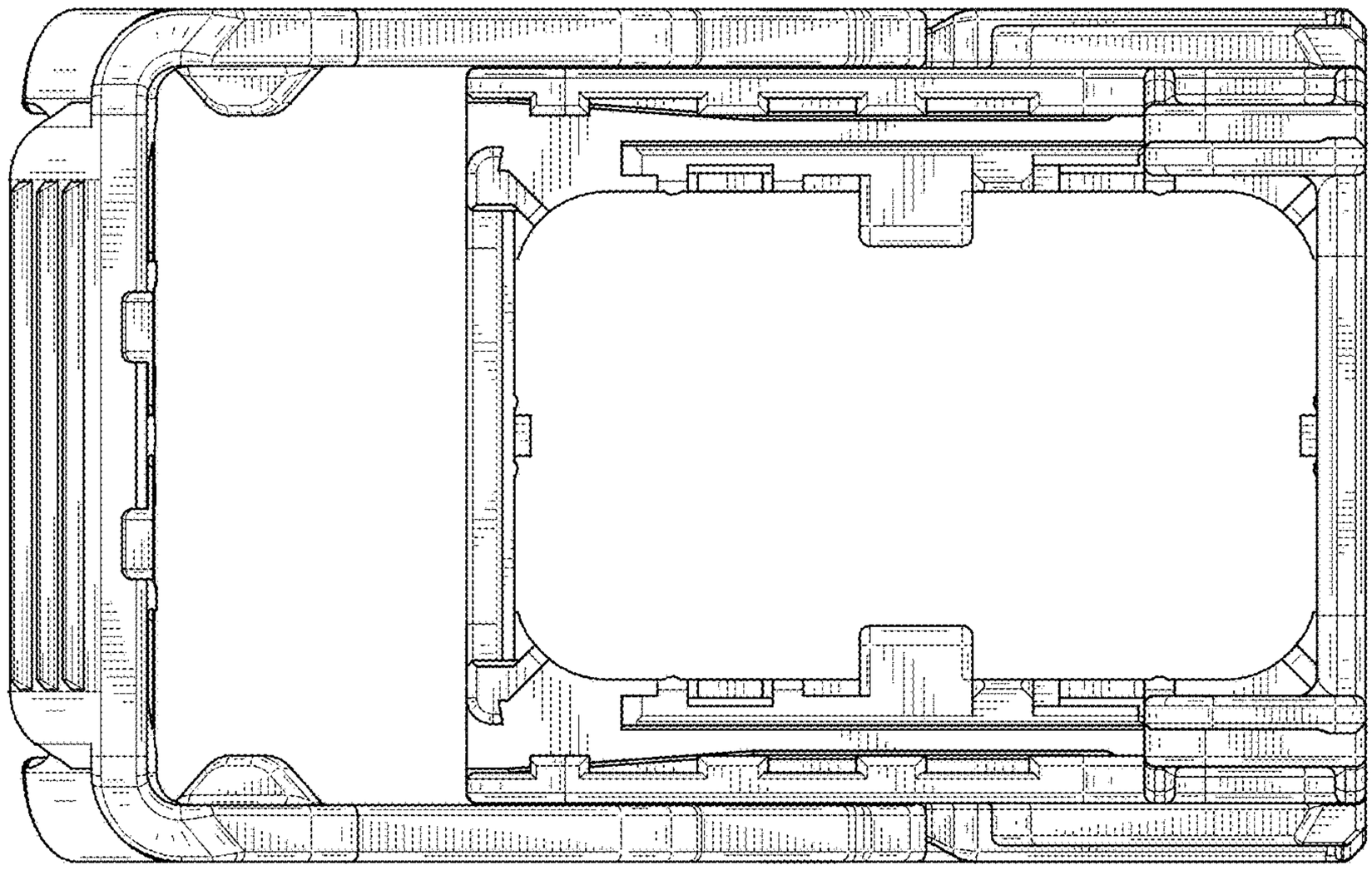


FIG. 5

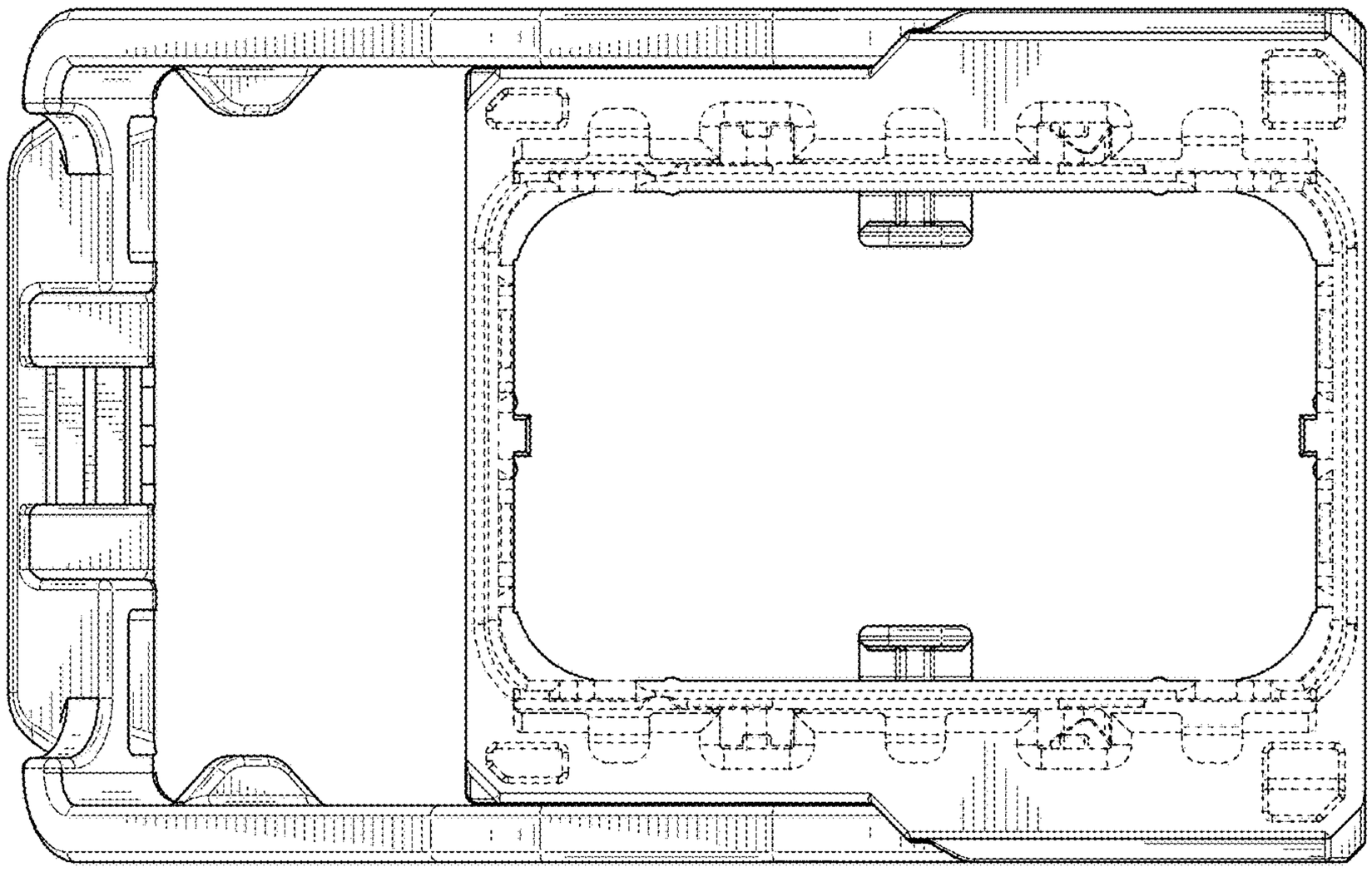


FIG. 6

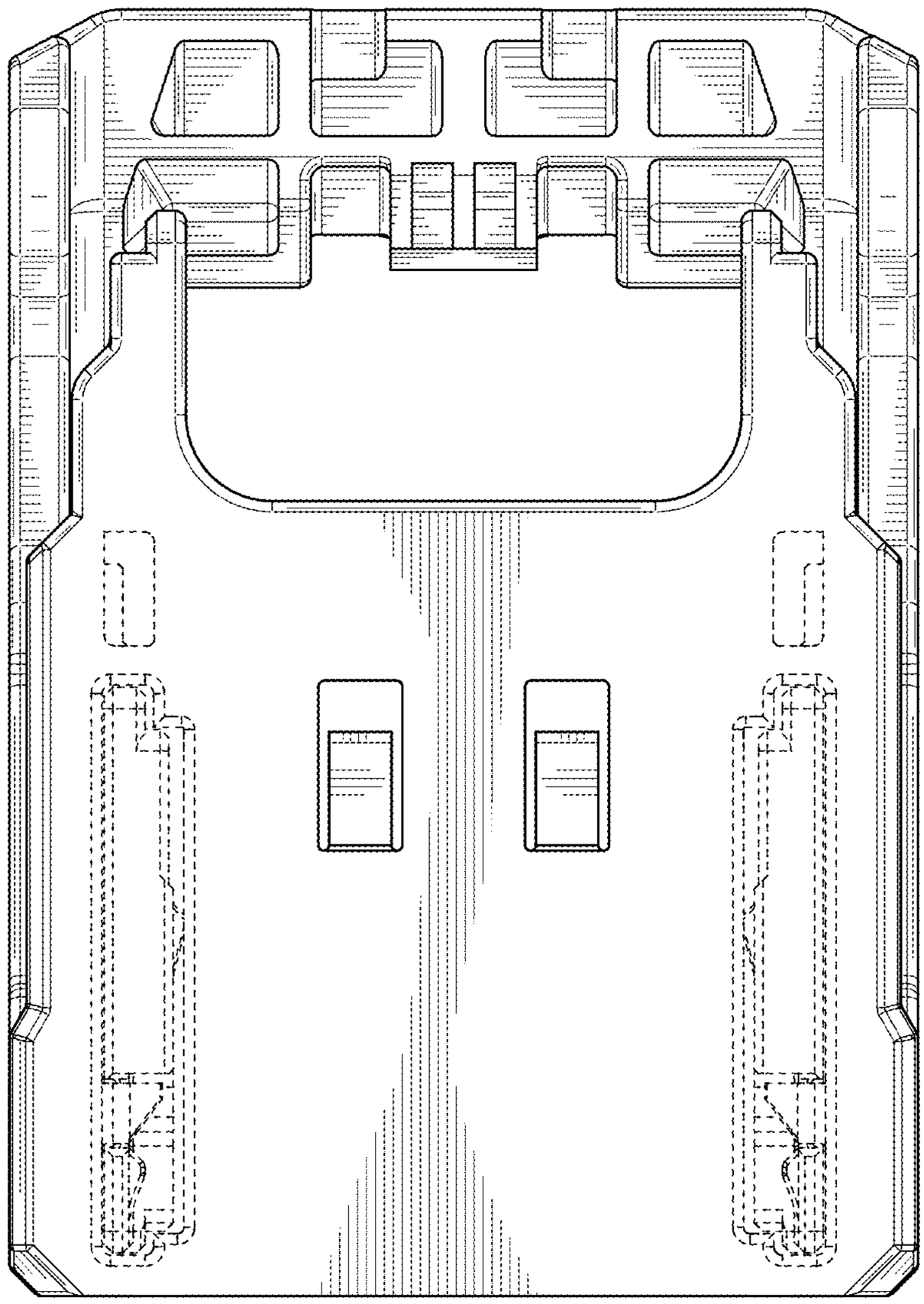


FIG. 7

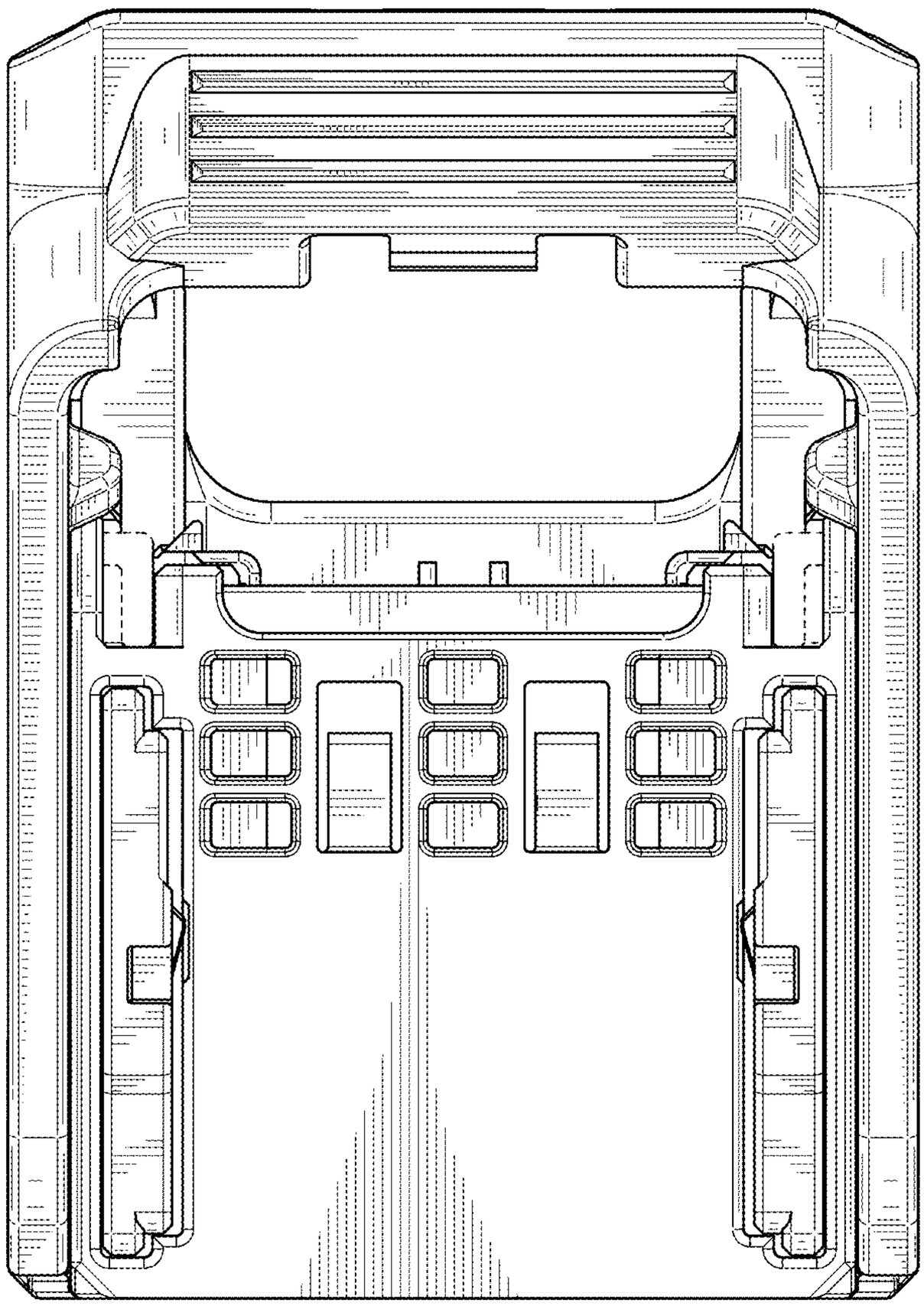


FIG. 8