US00D986177S

(12) United States Design Patent

Obata

(10) Patent No.: US D986,177 S
(45) Date of Patent: ** May 16, 2023

(54) **CONNECTOR HOUSING**

(71) Applicant: **Japan Aviation Electronics Industry, Limited**, Tokyo (JP)

(72) Inventor: **Yusuke Obata**, Tokyo (JP)

(73) Assignee: **JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED**, Tokyo (JP)

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

(21) Appl. No.: **29/777,235**

(22) Filed: **Apr. 5, 2021**

(30) **Foreign Application Priority Data**

Dec. 15, 2020 (JP) ..... 2020-026929 D

(51) **LOC (14) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/133**

(58) **Field of Classification Search**
USPC ... D13/133, 101, 123, 146, 147, 153, 137.1, D13/149
CPC G02B 6/38; G02B 6/38875; G02B 6/4284; H01R 13/40; H01R 13/58; H01R 13/627; H01R 13/66; H01R 31/06; H01R 24/00
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D314,756	S	*	2/1991	Endo	D13/147
D315,544	S	*	3/1991	Okada	D13/146
D324,203	S	*	2/1992	Inaba	D13/147
D325,372	S	*	4/1992	Taguchi	D13/147
5,224,876	A	*	7/1993	Ito	H01R 13/4367 439/877
D488,782	S	*	4/2004	Kashiyama	D13/133
D547,269	S	*	7/2007	Sugita	D13/133
D564,452	S	*	3/2008	Kudo	D13/147
D671,500	S	*	11/2012	Kettern	D13/149
D870,673	S	*	12/2019	Obata	D13/147
D894,836	S	*	9/2020	Obata	D13/133
D911,976	S	*	3/2021	Obata	D13/147
D913,952	S	*	3/2021	Obata	D13/147
D921,591	S	*	6/2021	Obata	D13/147
D928,097	S	*	8/2021	Obata	D13/147
D928,098	S	*	8/2021	Obata	D13/147
D928,099	S	*	8/2021	Obata	D13/147
D934,176	S	*	10/2021	Obata	D13/133
D945,375	S	*	3/2022	Obata	D13/149
D959,381	S	*	8/2022	Yamamoto	D13/133

(Continued)

Primary Examiner — Christy Nemeth
Assistant Examiner — Leah E Hoeferkamp
(74) *Attorney, Agent, or Firm* — Manabu Kanesaka

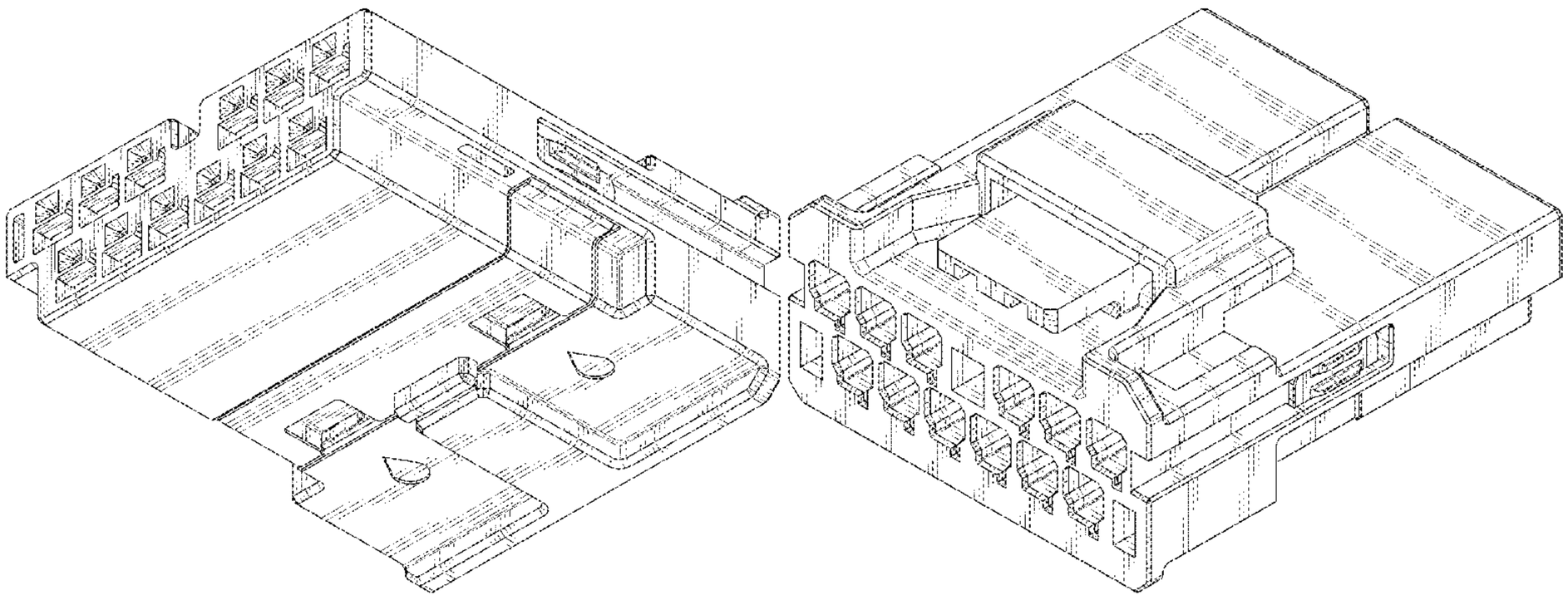
(57) **CLAIM**

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

DESCRIPTION

FIG. **1** is a front elevational view of a connector housing showing my new design;
FIG. **2** is a rear elevational view thereof;
FIG. **3** is a right side elevational view thereof;
FIG. **4** is a left side elevational view thereof;
FIG. **5** is a top plan view thereof;
FIG. **6** is a bottom plan view thereof;
FIG. **7** is a front, top, and right side perspective view thereof;
FIG. **8** is a rear, bottom, and left side perspective view thereof;
FIG. **9** is a front, right, and bottom side perspective view thereof; and,
FIG. **10** is a rear, left, and top side perspective view thereof.
The broken line showing of the connector housing is for the purpose of illustrating portions of the article and forms no part of the claimed design.

1 Claim, 5 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D967,771	S *	10/2022	Morishita	.....	D13/149
D970,453	S *	11/2022	Yamamoto	.....	D13/133
2009/0186523	A1 *	7/2009	Campbell	.....	H01R 13/4365 29/428

* cited by examiner

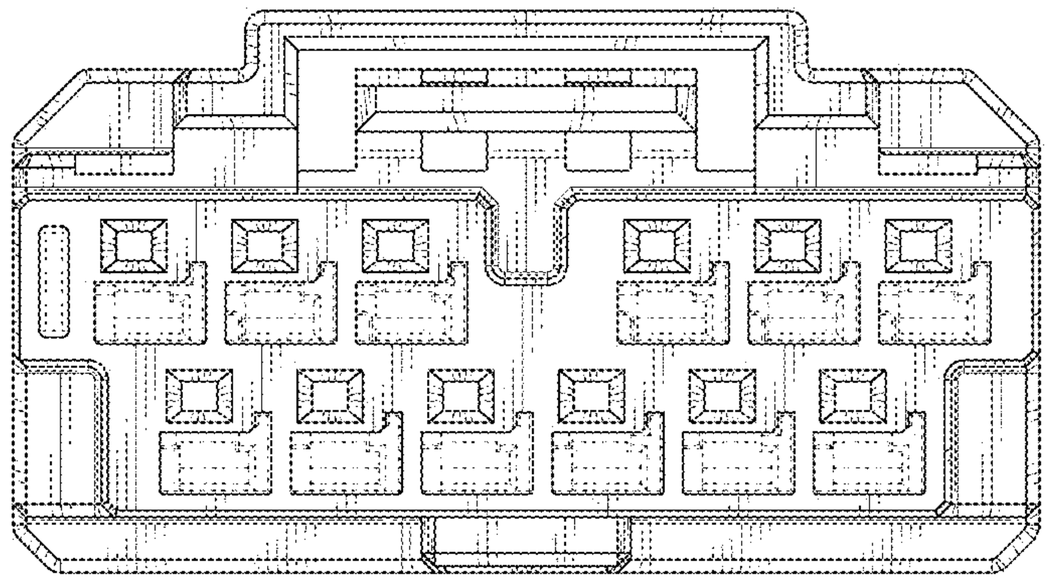


FIG. 1

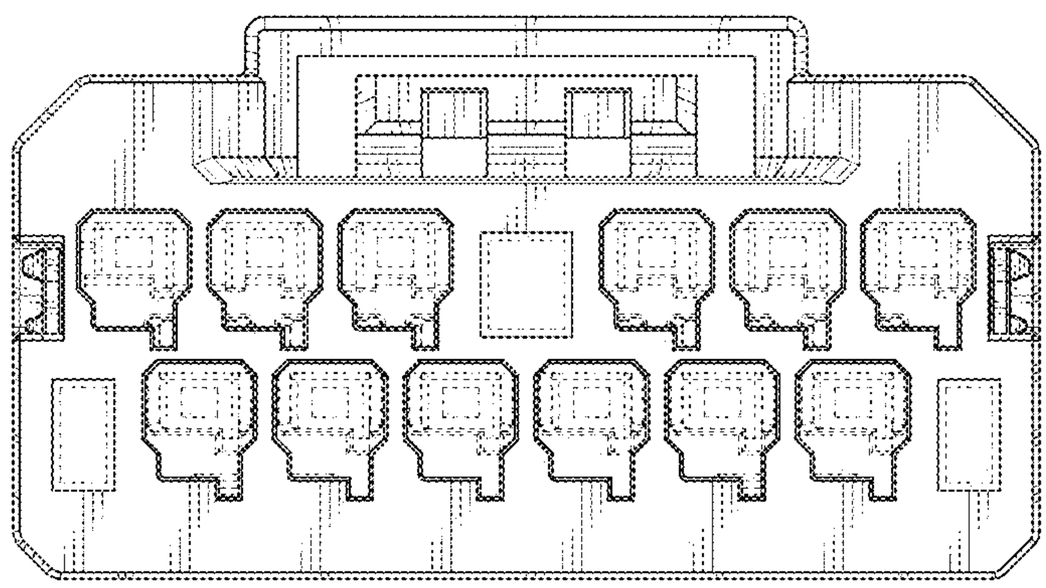


FIG. 2

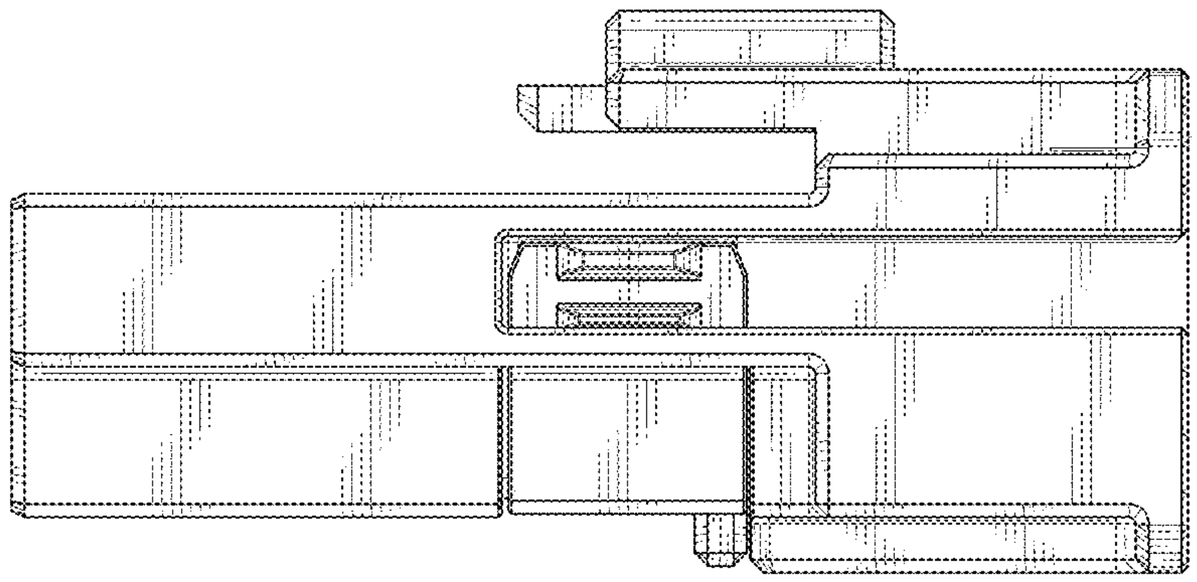


FIG. 3

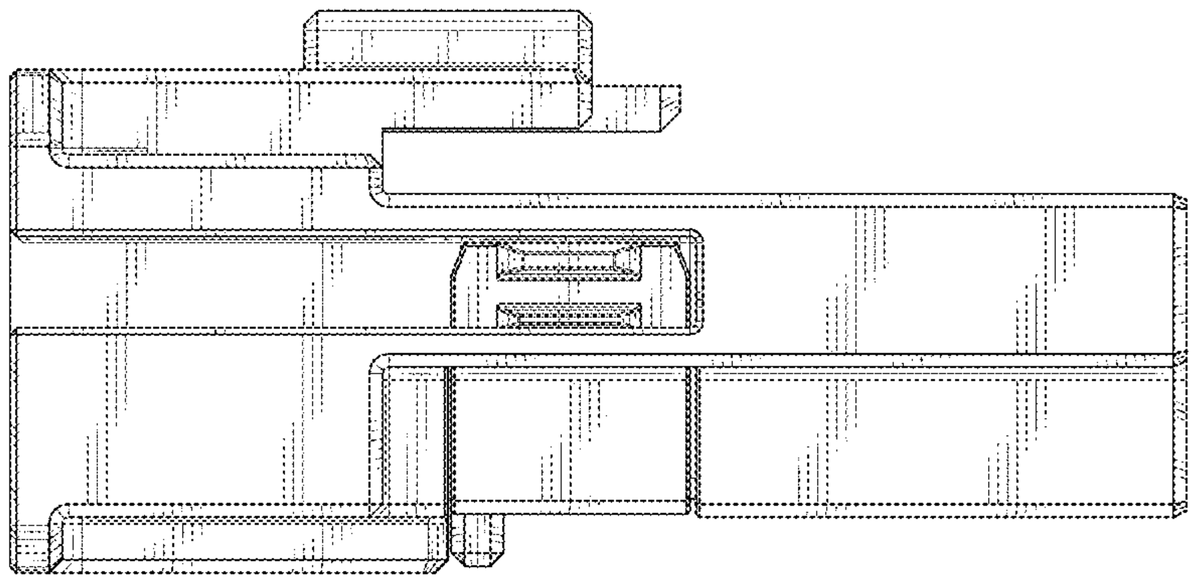


FIG. 4

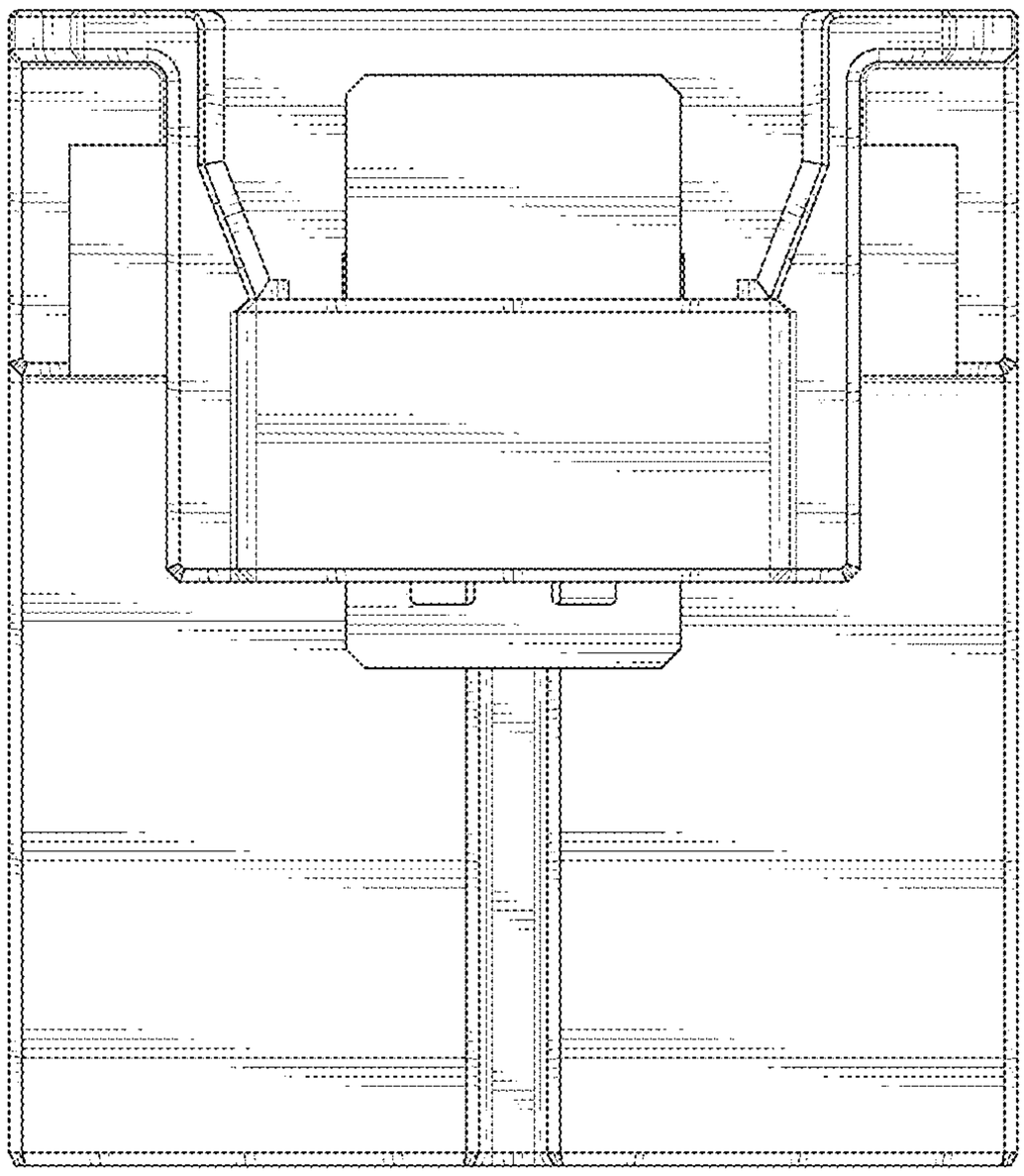


FIG. 5

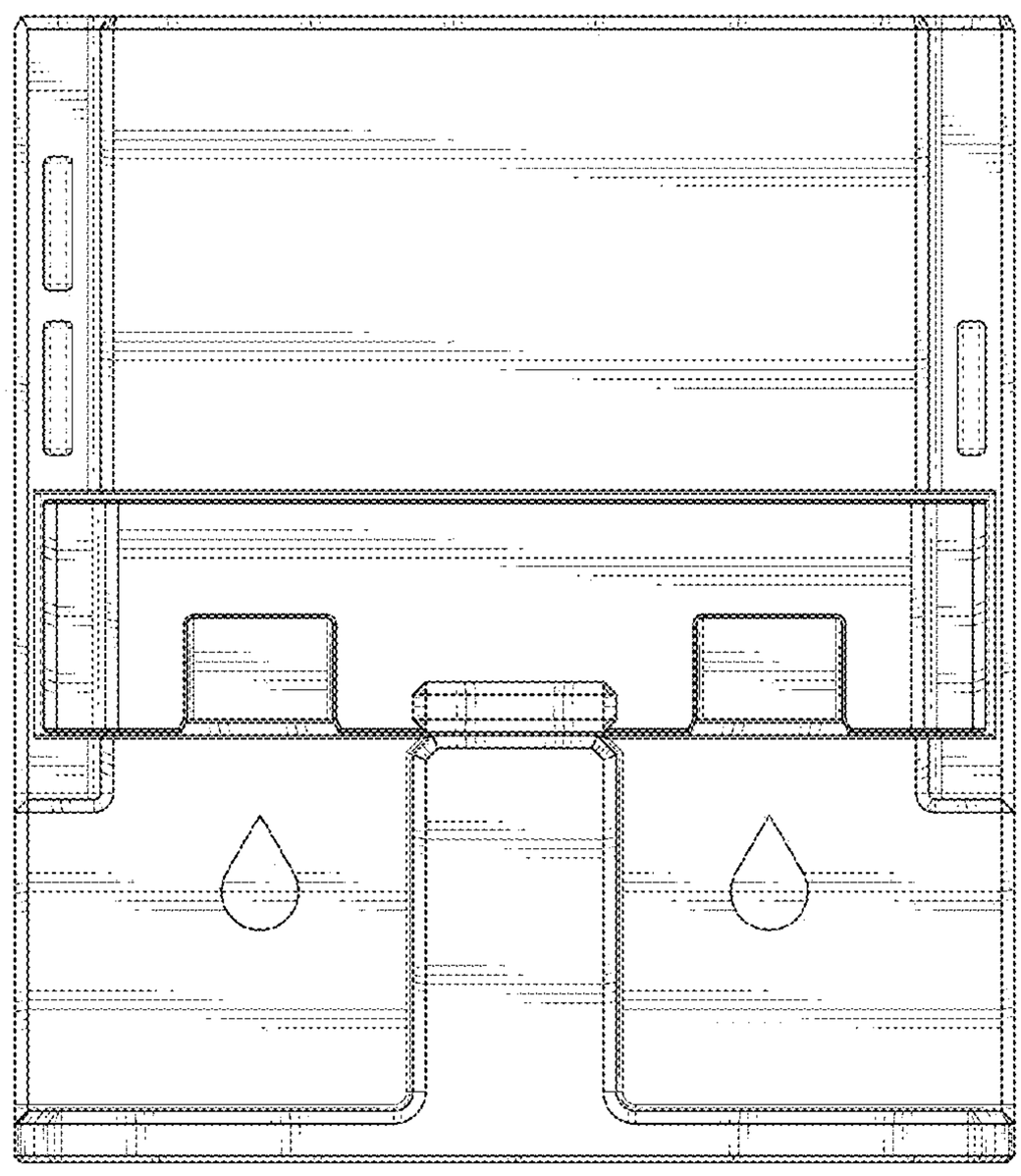


FIG. 6

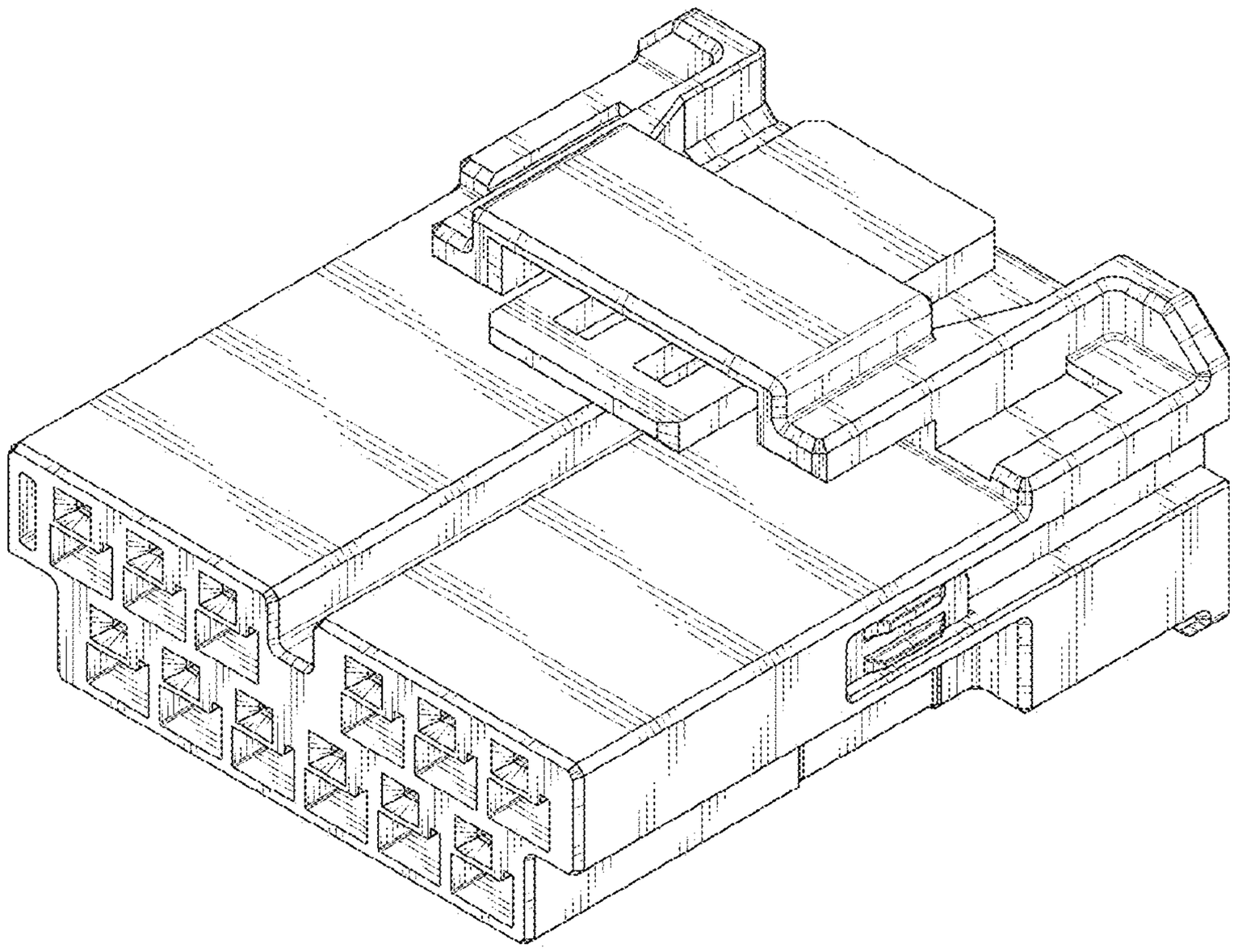


FIG. 7

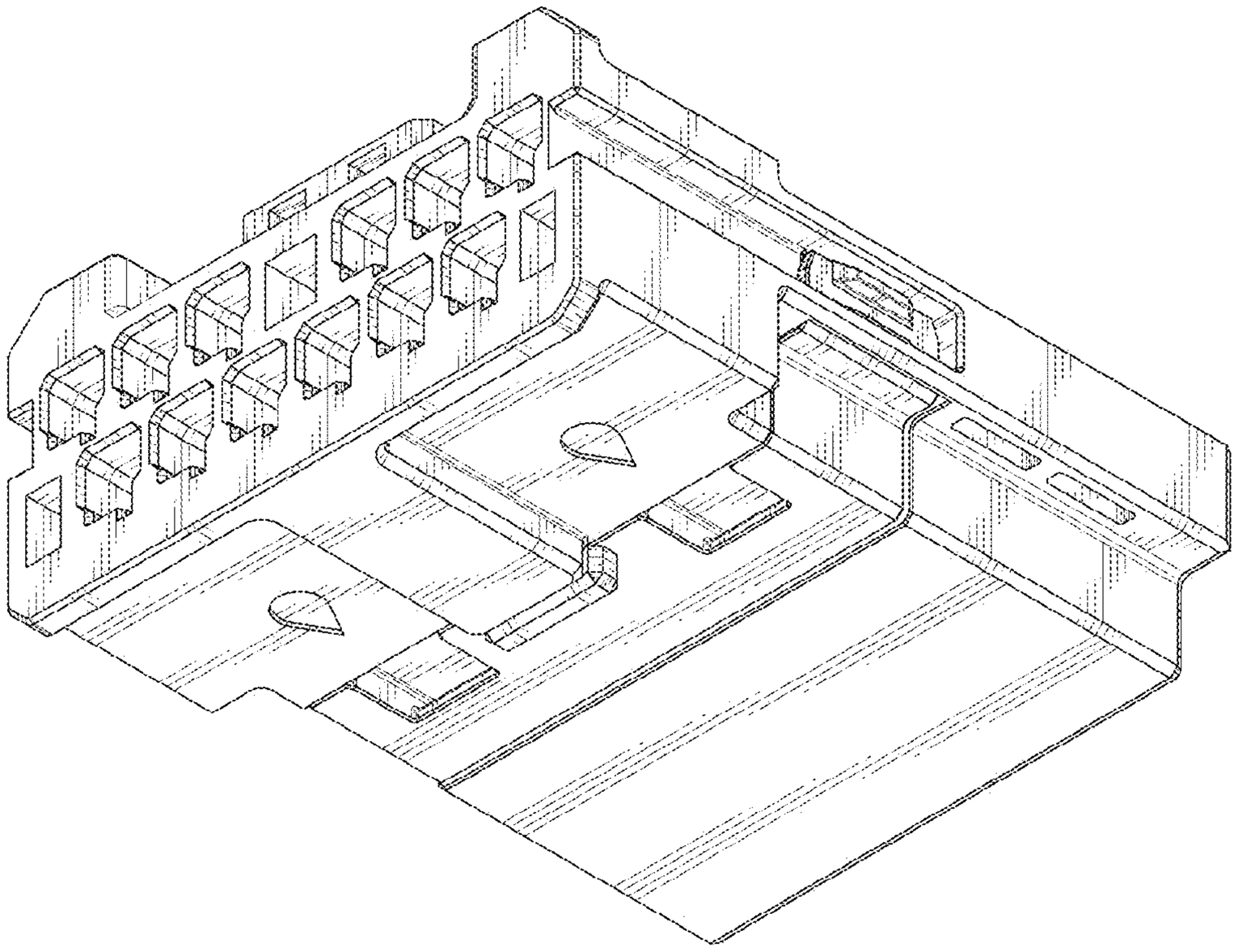


FIG. 8

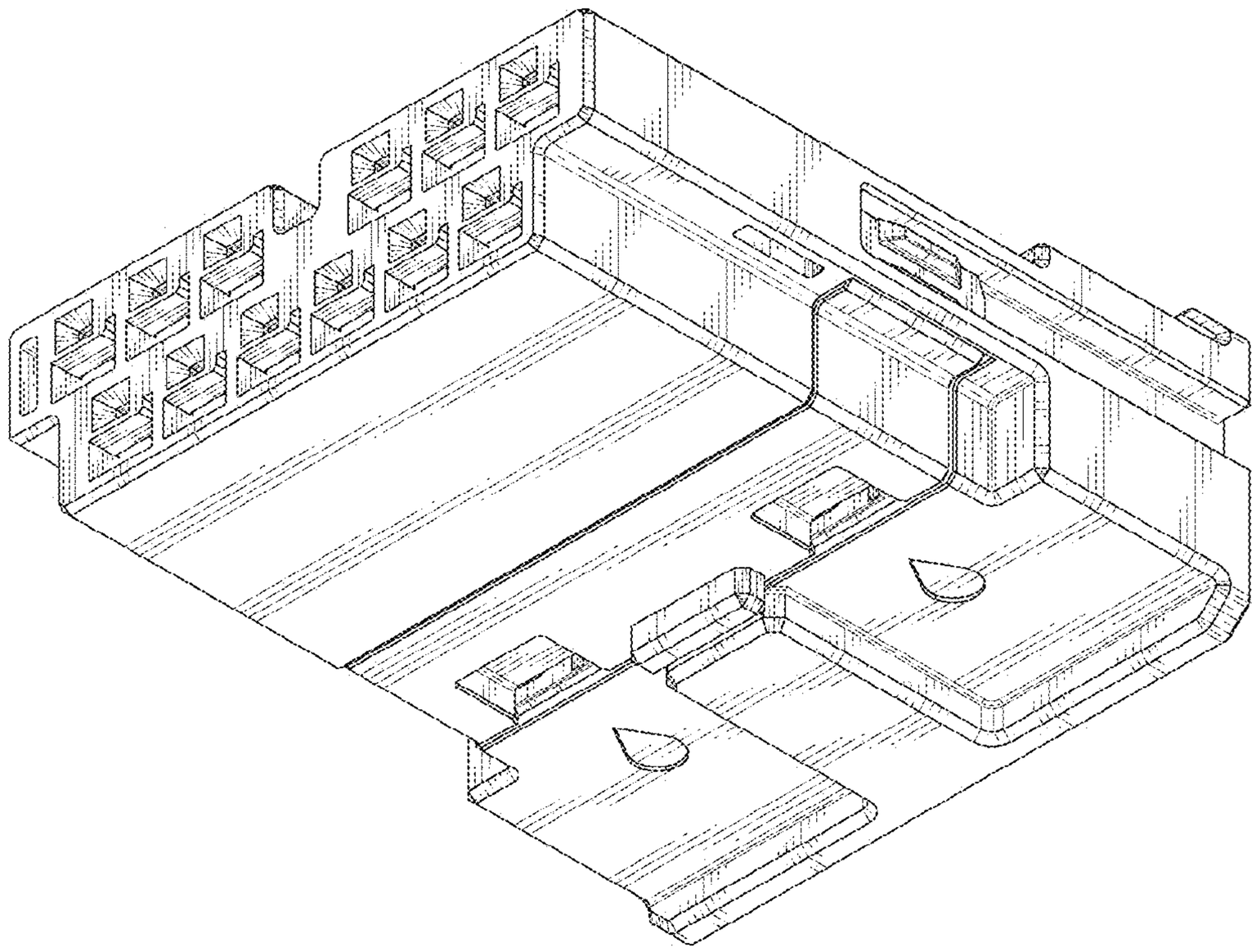


FIG. 9

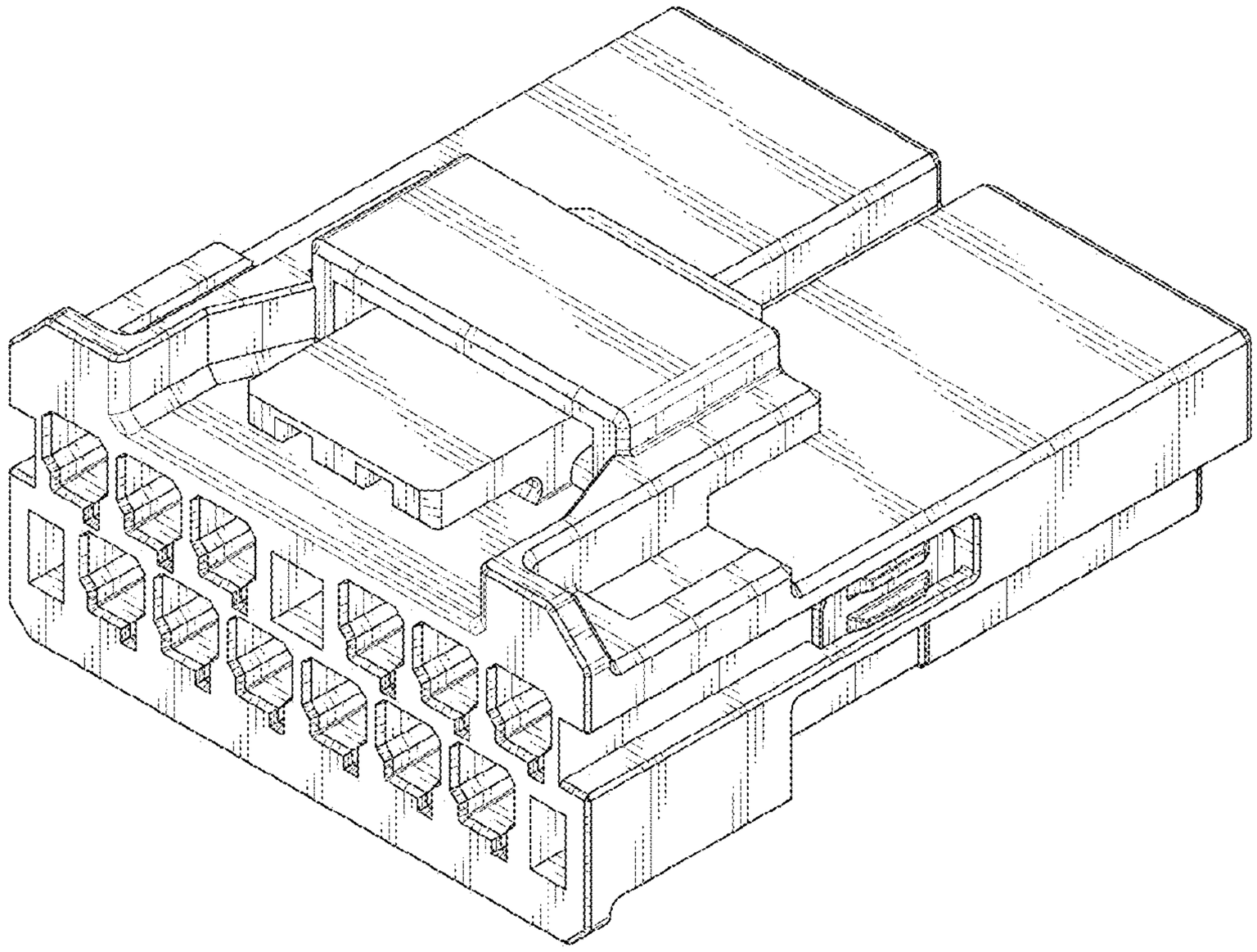


FIG. 10