US00D908635S

(12) United States Design Patent

Takenaga

(10) Patent No.: US D908,635 S
(45) Date of Patent: ** Jan. 26, 2021

(54) **ELECTRICAL CONNECTOR**

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

(72) Inventor: **Yuichi Takenaga**, Tokyo (JP)

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

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

(21) Appl. No.: **29/705,777**

(22) Filed: **Sep. 16, 2019**

(30) **Foreign Application Priority Data**

Mar. 29, 2019 (JP) 2019-006784

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

(52) **U.S. Cl.**
USPC **D13/147**

(58) **Field of Classification Search**
USPC D13/107, 110, 118, 120, 123, 133, 146, D13/147, 149, 154, 184, 199
CPC H01R 12/00; H01R 12/70; H01R 12/71; H01R 12/716; H01R 13/405; H01R 13/426; H01R 13/631; H01R 13/635
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D562,770	S	*	2/2008	Obikane	D13/147
D603,801	S	*	11/2009	Obikane	D13/147
D703,146	S	*	4/2014	Takenaga	D13/147
D722,564	S	*	2/2015	Yoshida	D13/147
D744,429	S	*	12/2015	Kobuchi	D13/147
D767,499	S	*	9/2016	Goto	D13/147
D795,813	S	*	8/2017	Goto	D13/147
D828,306	S	*	9/2018	Horino	D13/147
D870,674	S	*	12/2019	Ashibu	D13/147
D871,345	S	*	12/2019	Ashibu	D13/147
D878,301	S	*	3/2020	Yamada	D13/147
D878,302	S	*	3/2020	Yamada	D13/147
D885,346	S	*	5/2020	Ishida	D13/147
D893,434	S	*	8/2020	Ishida	D13/147
D894,842	S	*	9/2020	Ashibu	D13/147
2006/0178022	A1	*	8/2006	Liu	H01R 13/26 439/74
2013/0309881	A1	*	11/2013	Tagawa	H01R 43/0256 439/83
2014/0273587	A1	*	9/2014	Takenaga	H01R 13/6275 439/345

(Continued)

FOREIGN PATENT DOCUMENTS

JP 2019121439 A * 7/2019

Primary Examiner — Angela J Lee
Assistant Examiner — Shawn T Gingrich
(74) *Attorney, Agent, or Firm* — Manabu Kanesaka

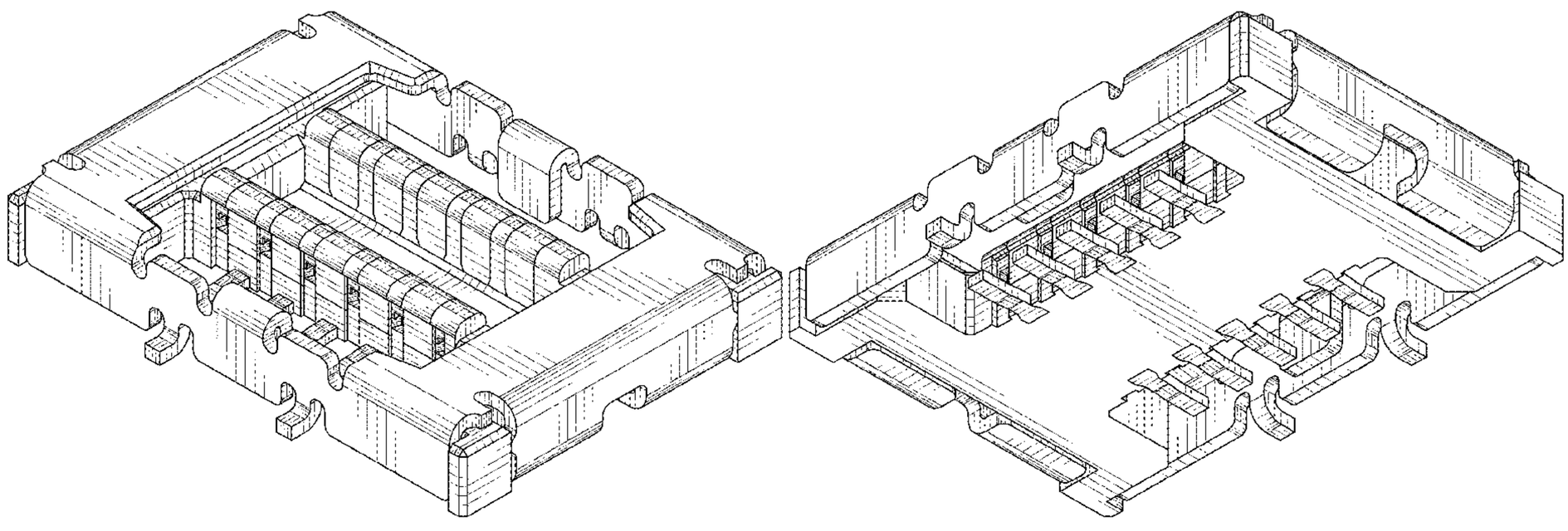
(57) **CLAIM**

The ornamental design for an electrical connector, as shown and described.

DESCRIPTION

FIG. **1** is a front elevational view of an electrical connector 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 perspective view showing a front, top and right side thereof;
FIG. **8** is a perspective view showing a rear, bottom and left side thereof;
FIG. **9** is a perspective view showing a front, right and bottom side thereof; and,
FIG. **10** is a perspective view showing a rear, left and top side thereof.

1 Claim, 5 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

2016/0064843	A1*	3/2016	Hasegawa	H01R 12/73 439/65
2017/0264048	A1*	9/2017	Ashibu	H01R 12/716
2019/0273334	A1*	9/2019	Hashiguchi	H01R 12/57

* cited by examiner

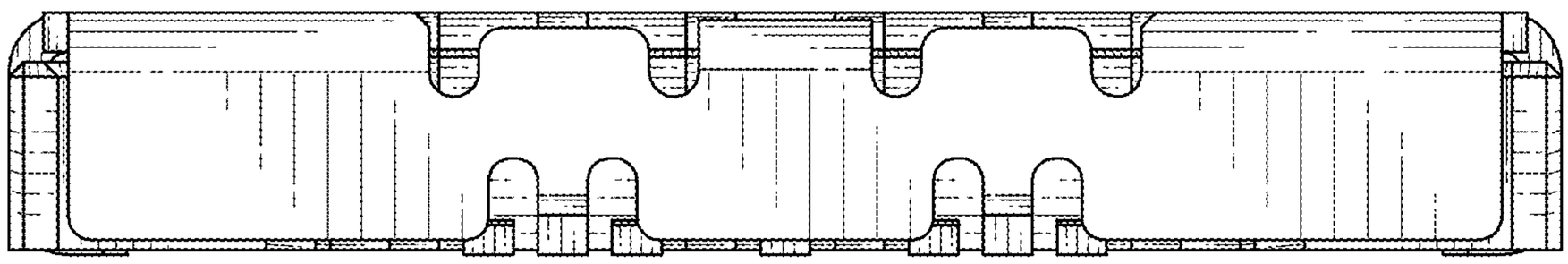


FIG. 1

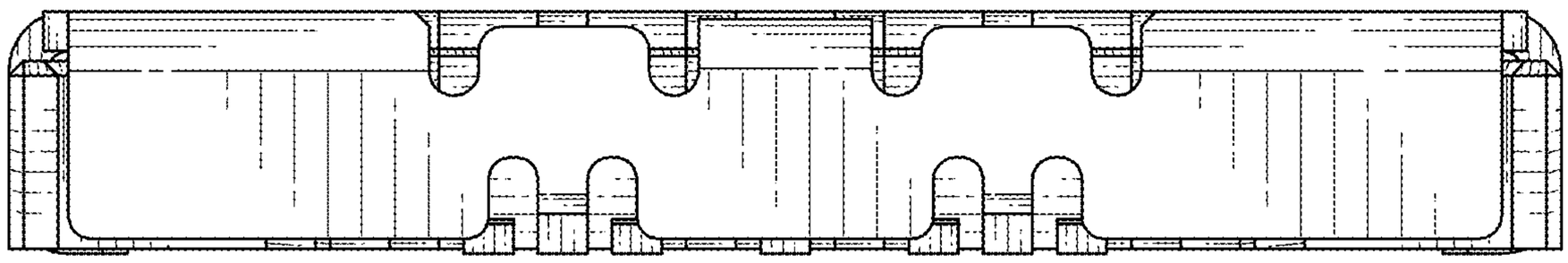


FIG. 2

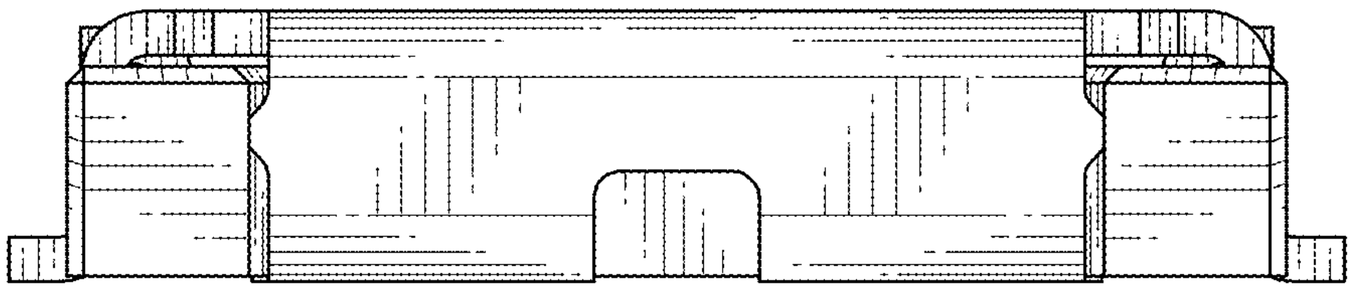


FIG. 3

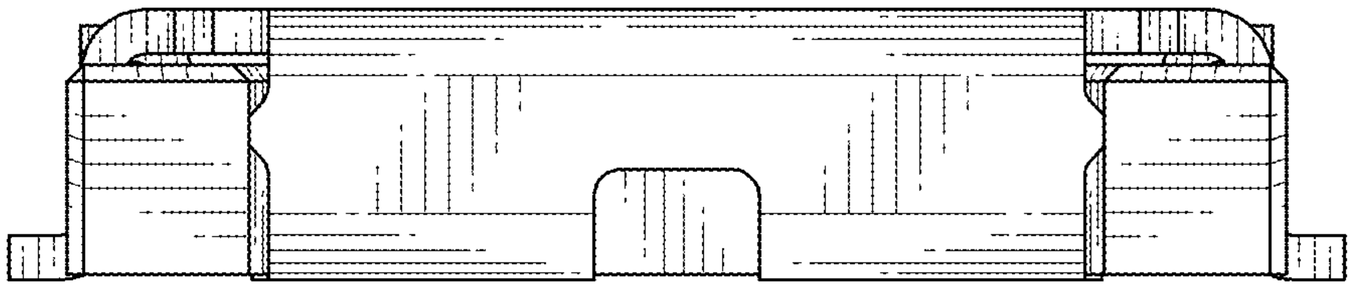


FIG. 4

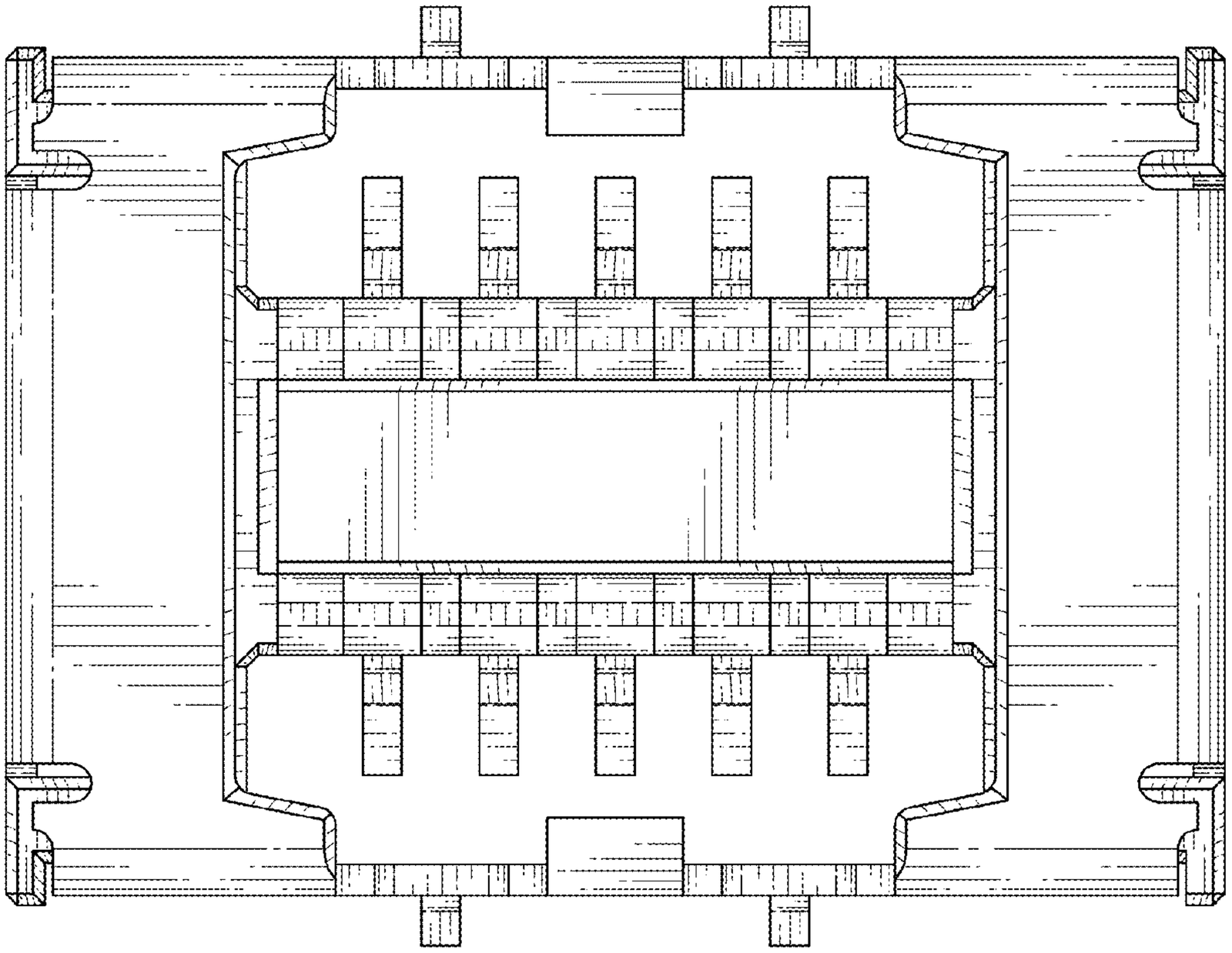


FIG. 5

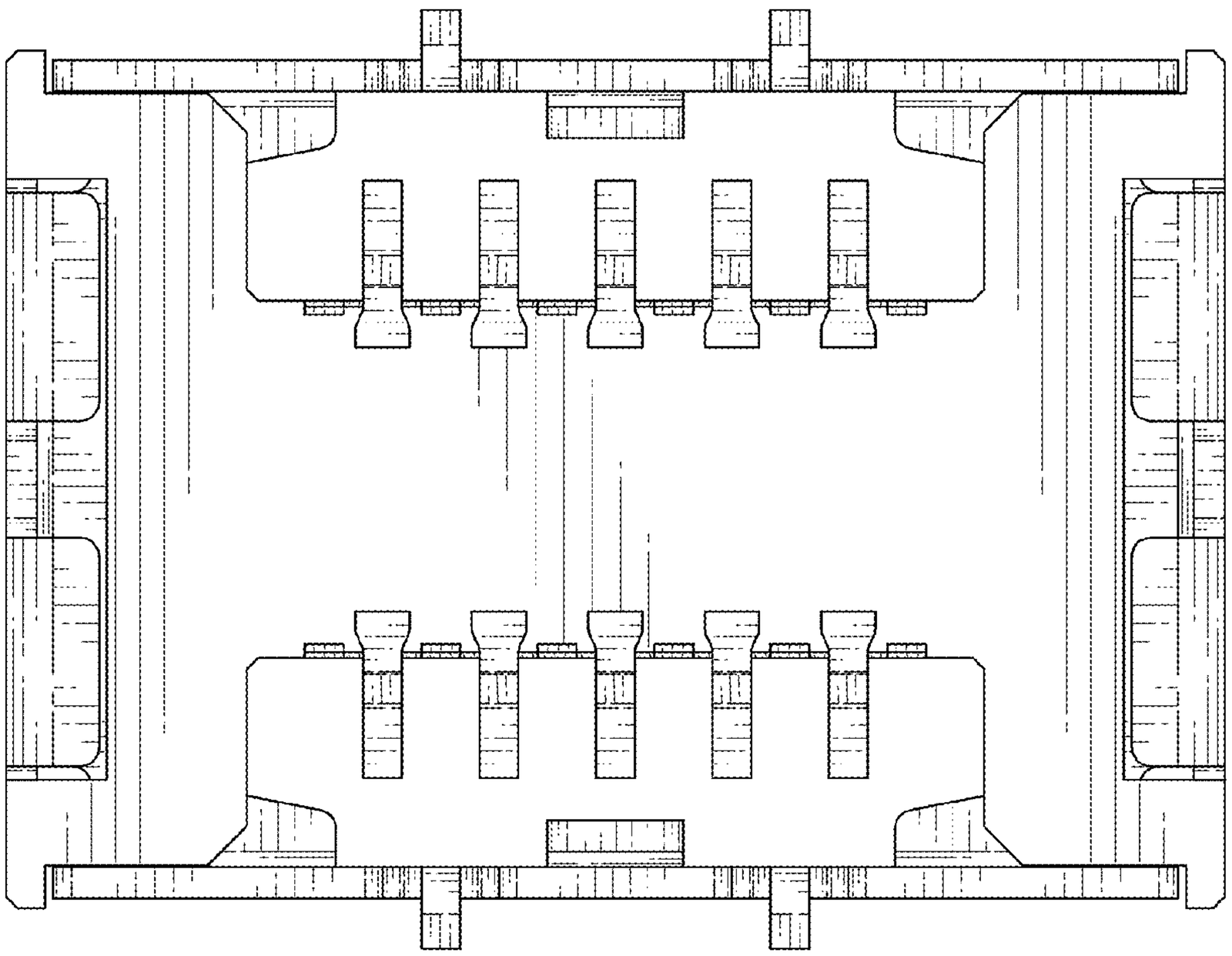


FIG. 6

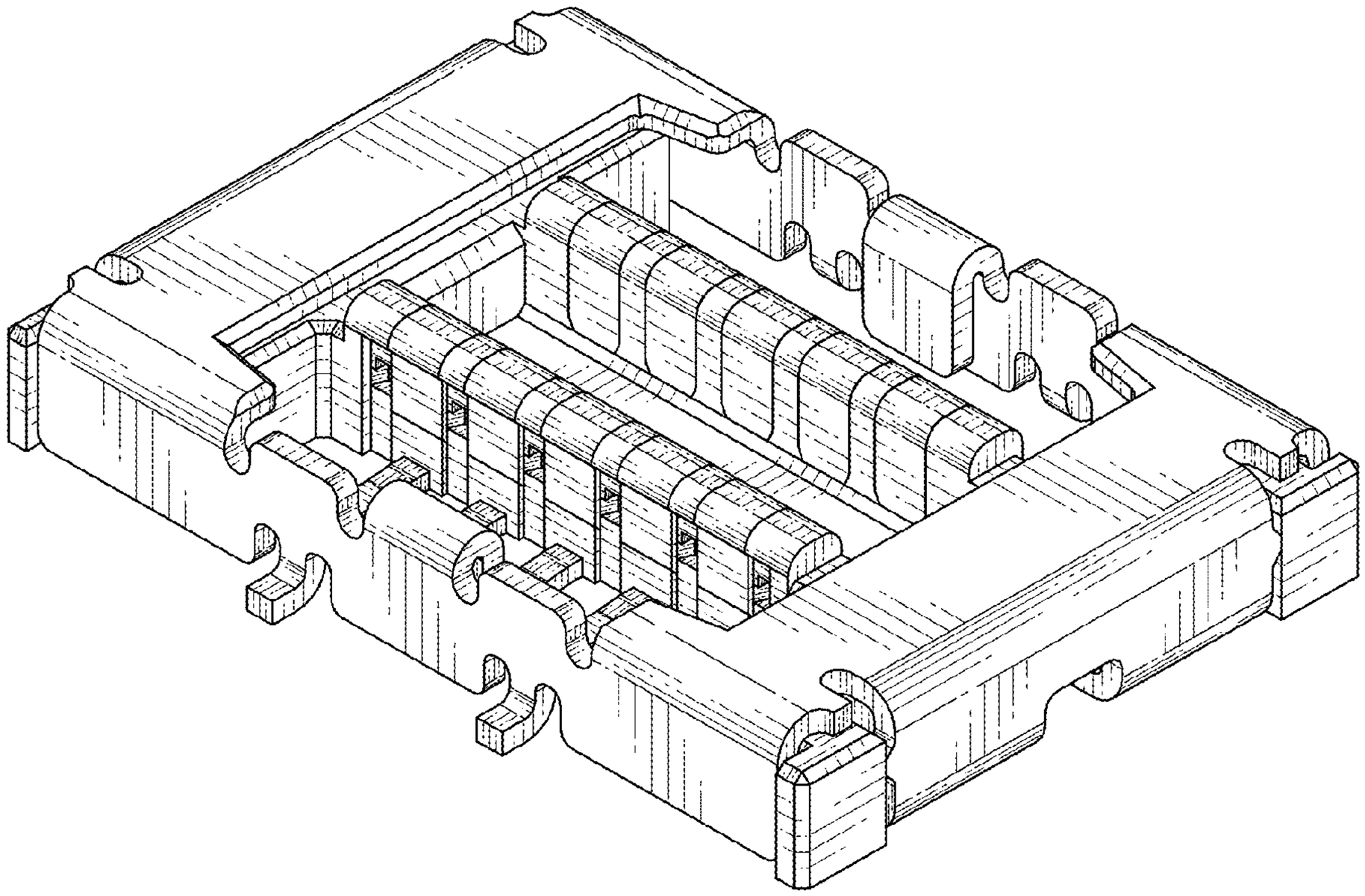


FIG. 7

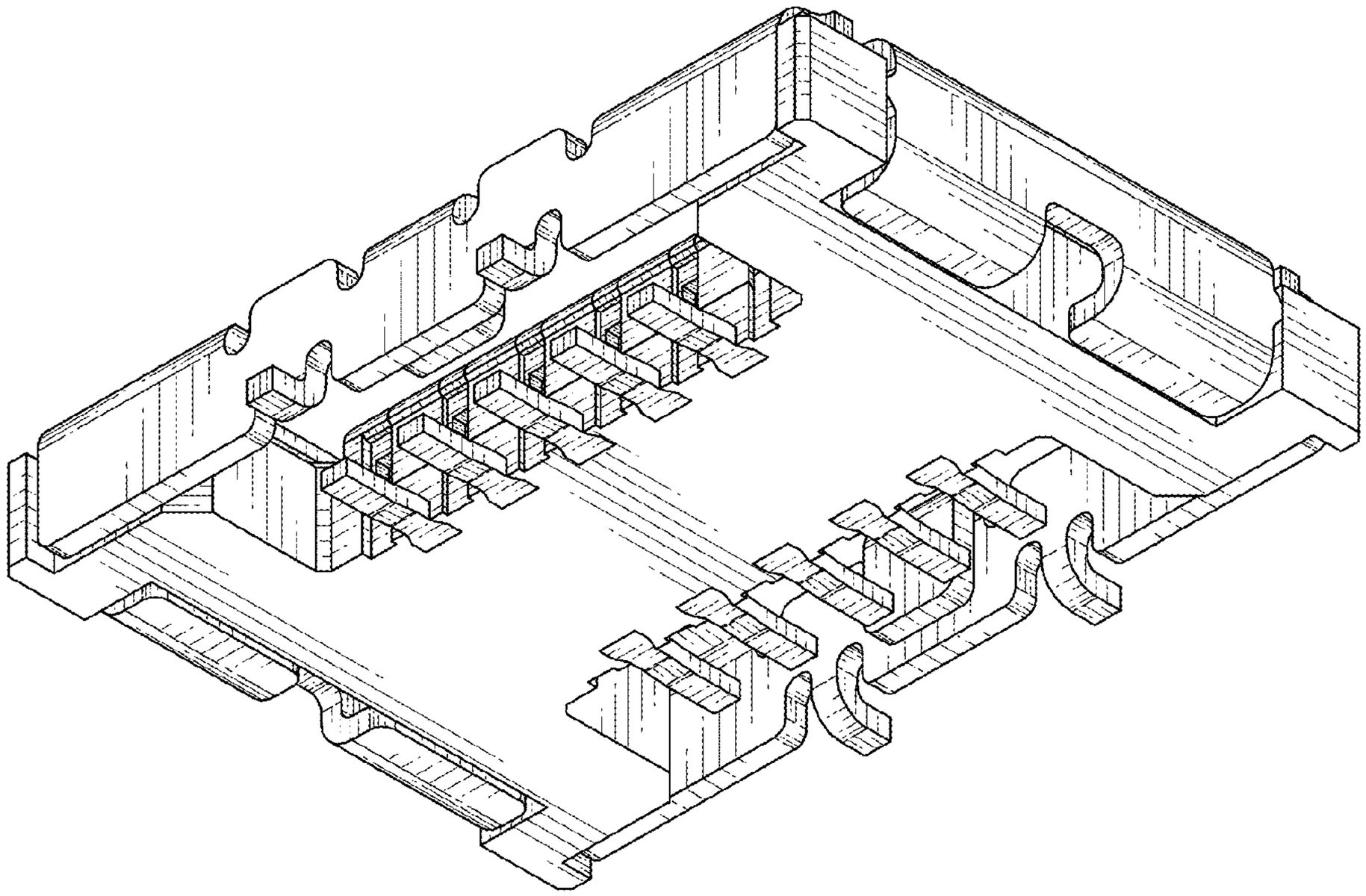


FIG. 8

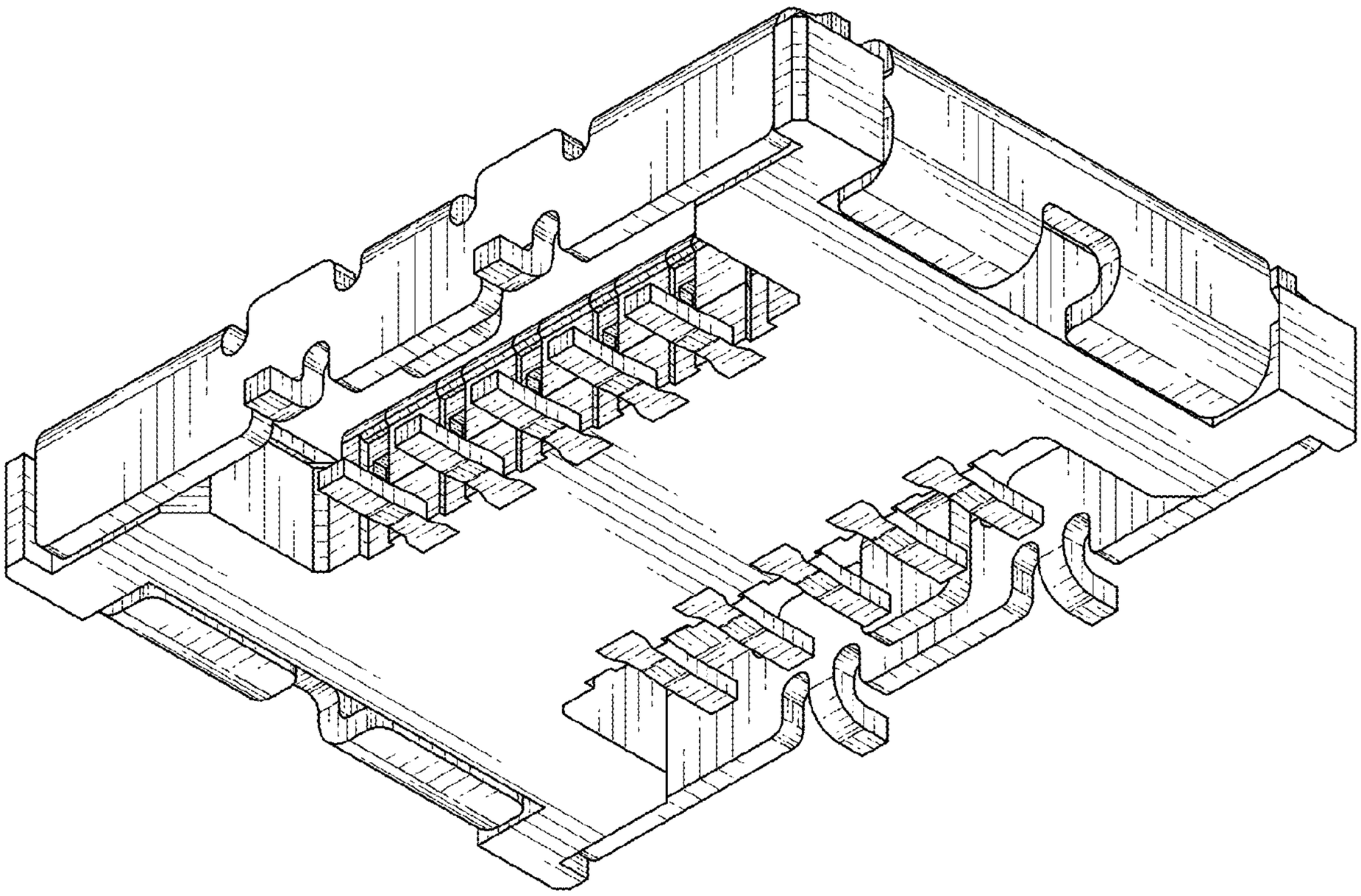


FIG. 9

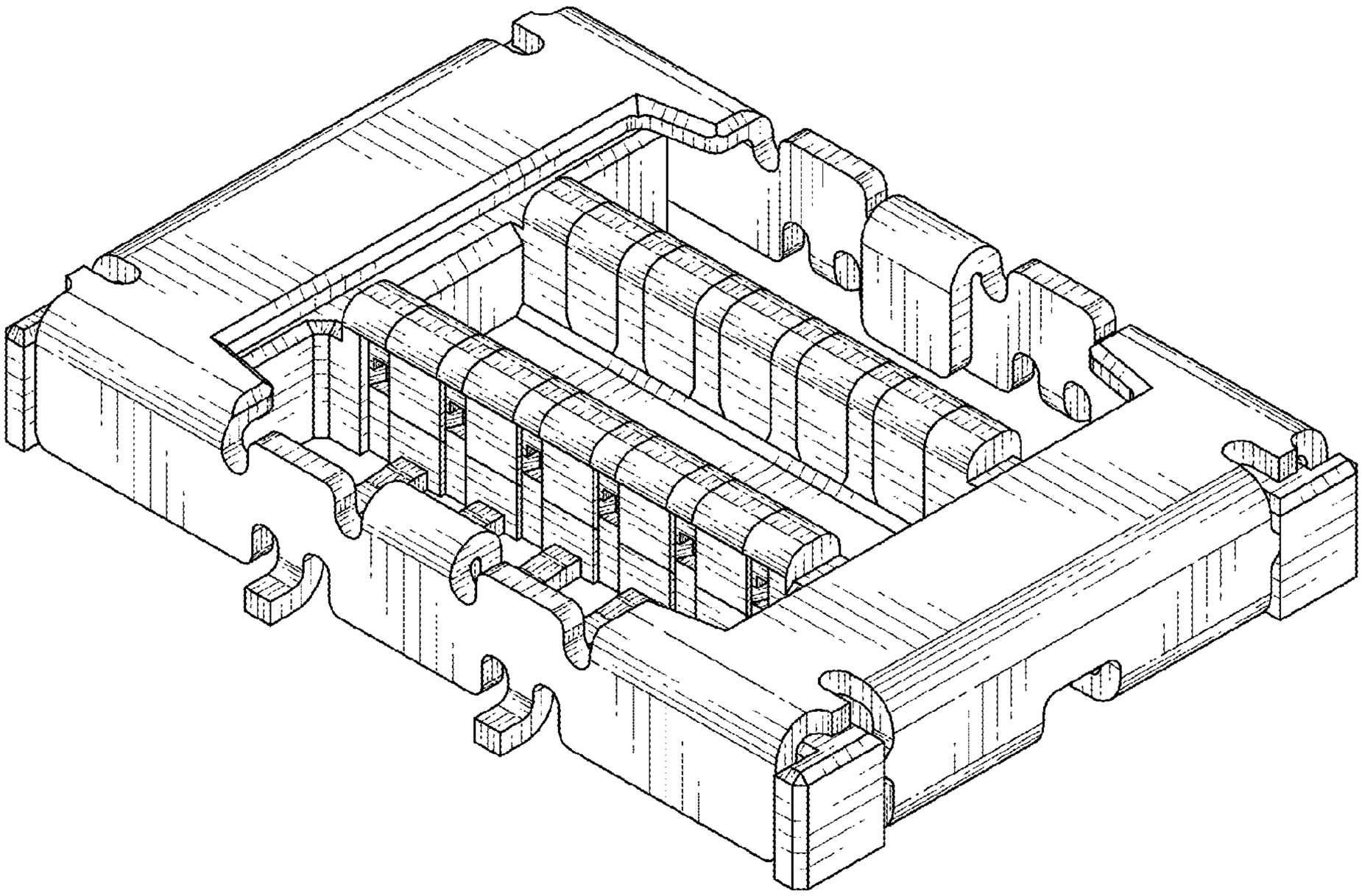


FIG. 10