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(12) **United States Design Patent**
Obata et al.

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(54) **CONNECTOR**

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

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

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

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(30) **Foreign Application Priority Data**

Jul. 16, 2021 (JP) 2021-015531 D

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

(52) **U.S. Cl.**
USPC **D13/133; D13/147**

(58) **Field of Classification Search**
USPC ... D13/133, 101, 123, 146, 147, 153, 137.1, D13/149; D14/433, 435.1
CPC G02B 6/38; G02B 6/38875; G02B 6/4284; H01R 13/40; H01R 13/58; H01R 13/627; H01R 13/66; H01R 13/6335; H01R 13/6272; H01R 13/6397; H01R 13/639; H01R 13/6275; H01R 31/06; H01R 24/00; H01R 24/46; H01R 43/26
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D390,828 S *	2/1998	Aramaki	.....	D13/147
D416,863 S *	11/1999	Sato	.....	D13/147
D517,489 S *	3/2006	Kawase	.....	D13/147
D578,071 S *	10/2008	Shen	.....	D13/147

D605,132 S *	12/2009	Tanaka	.....	D13/147
D679,251 S *	4/2013	Yokoyama	.....	D13/147
D689,023 S *	9/2013	Naito	.....	D13/147
D698,732 S *	2/2014	Yokoyama	.....	D13/147
D698,733 S *	2/2014	Yokoyama	.....	D13/147
D698,734 S *	2/2014	Yokoyama	.....	D13/147
D700,580 S *	3/2014	Ishimaru	.....	D13/147
D706,719 S *	6/2014	Yokoyama	.....	D13/147
D706,722 S *	6/2014	Yokoyama	.....	D13/147
D721,656 S *	1/2015	Endo	D13/147
D812,013 S *	3/2018	Kirk	D13/147
D812,569 S *	3/2018	Kirk	D13/147

(Continued)

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(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a front elevational view of a connector showing our 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;

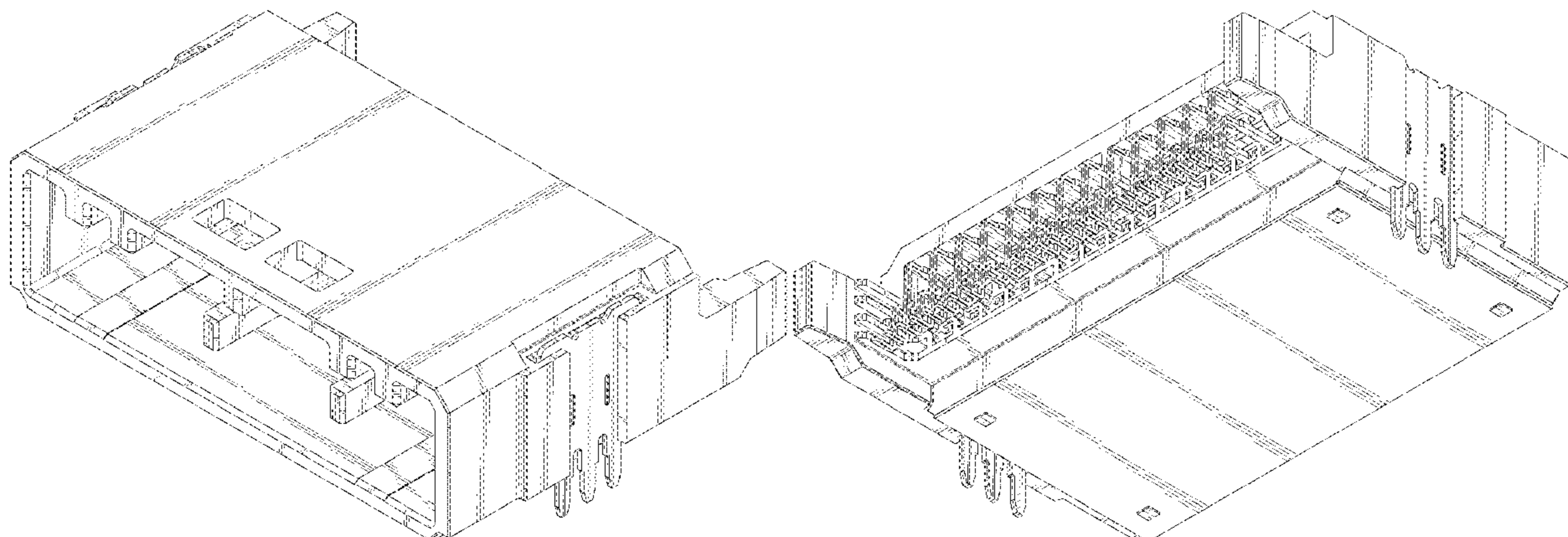
FIG. 8 is a perspective view showing a rear, bottom and left side thereof;

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.

The broken line showing of the connector 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

D837,161 S	*	1/2019	Yokoyama	D13/147
D897,964 S	*	10/2020	Kuroiwa	D13/147
D957,347 S	*	7/2022	Morishita	D13/147
D960,105 S	*	8/2022	Imamura	D13/133
D979,514 S	*	2/2023	Yamamoto	D13/133

* cited by examiner

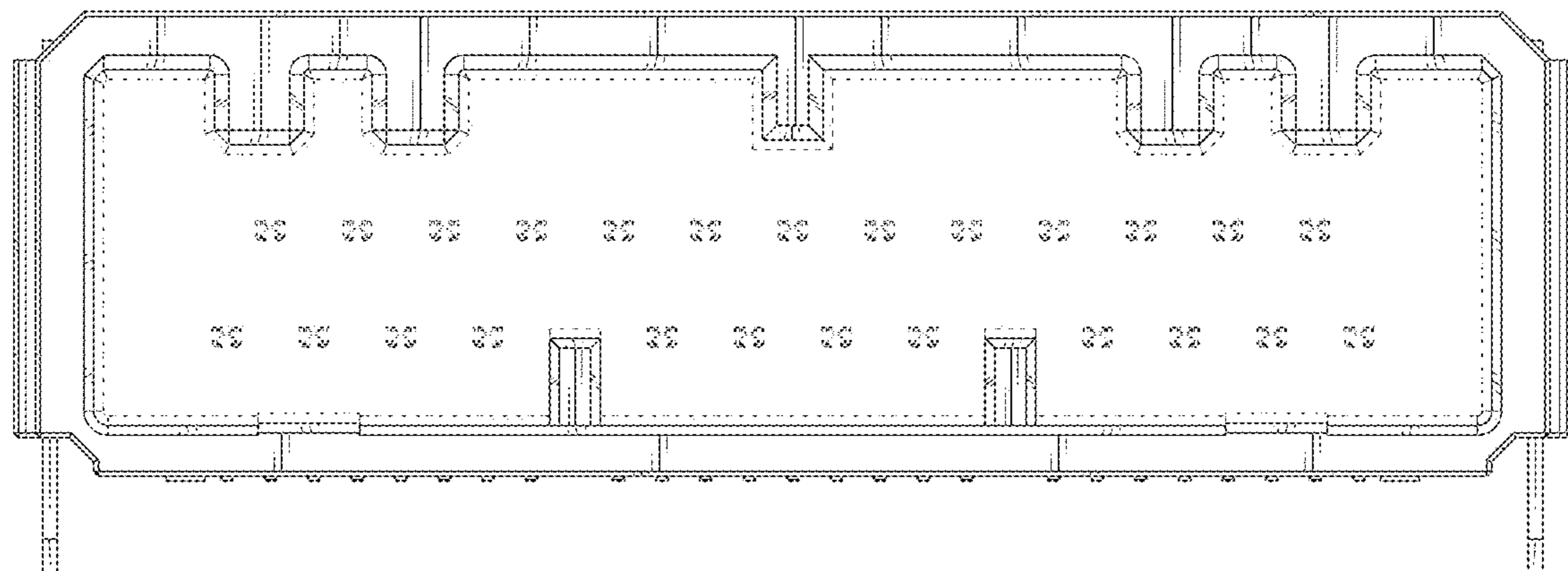


FIG. 1

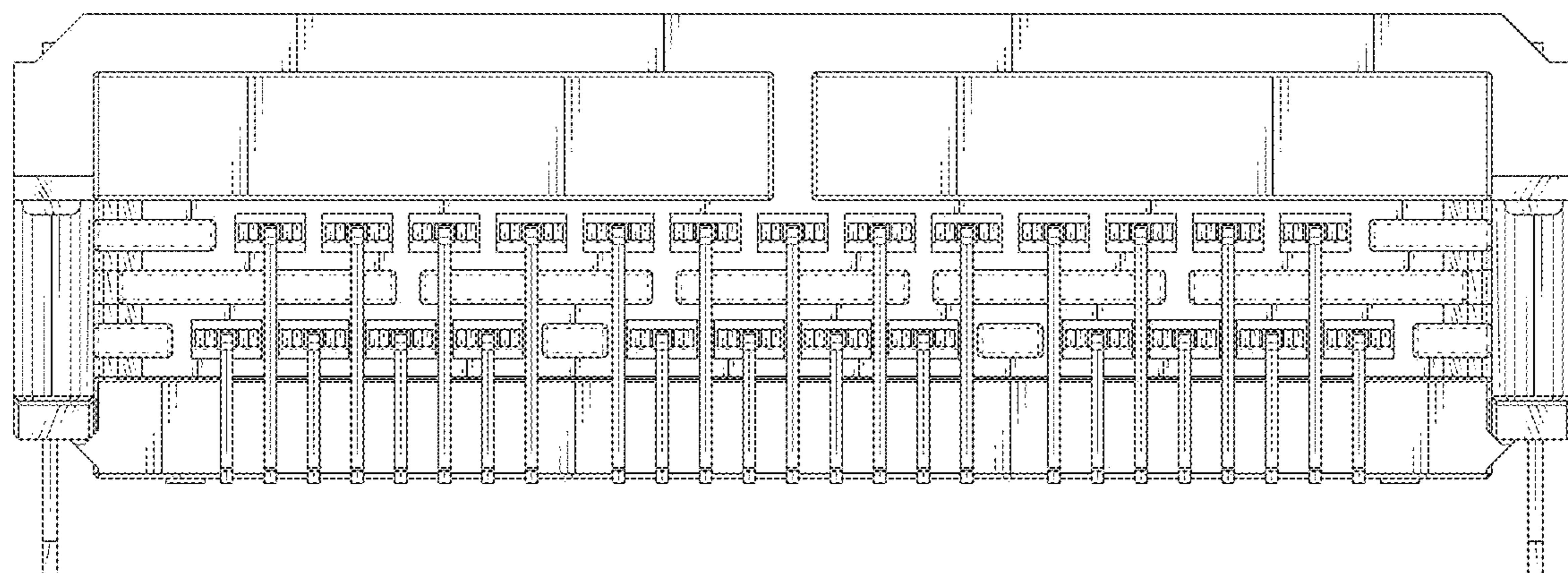


FIG. 2

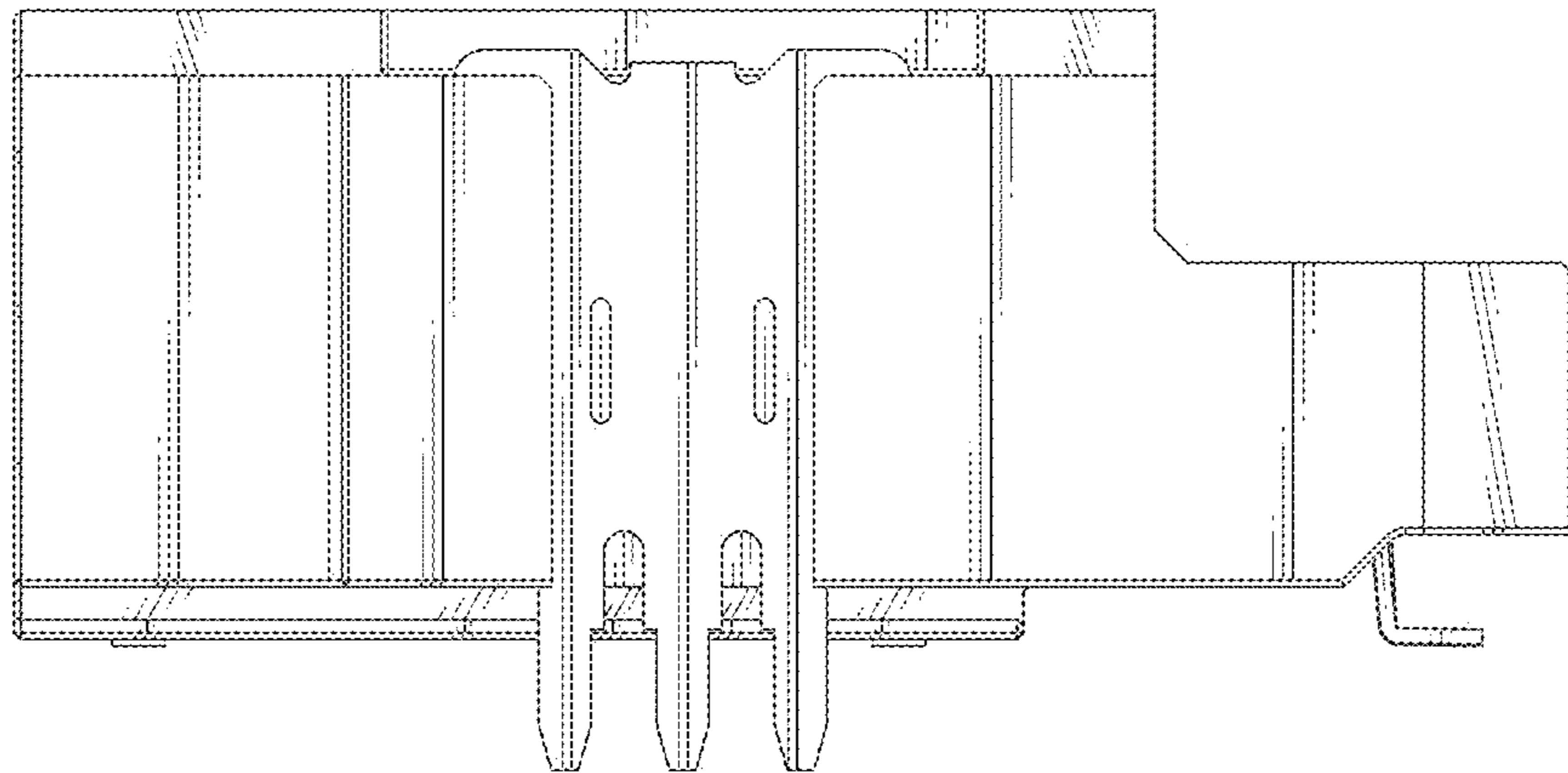


FIG. 3

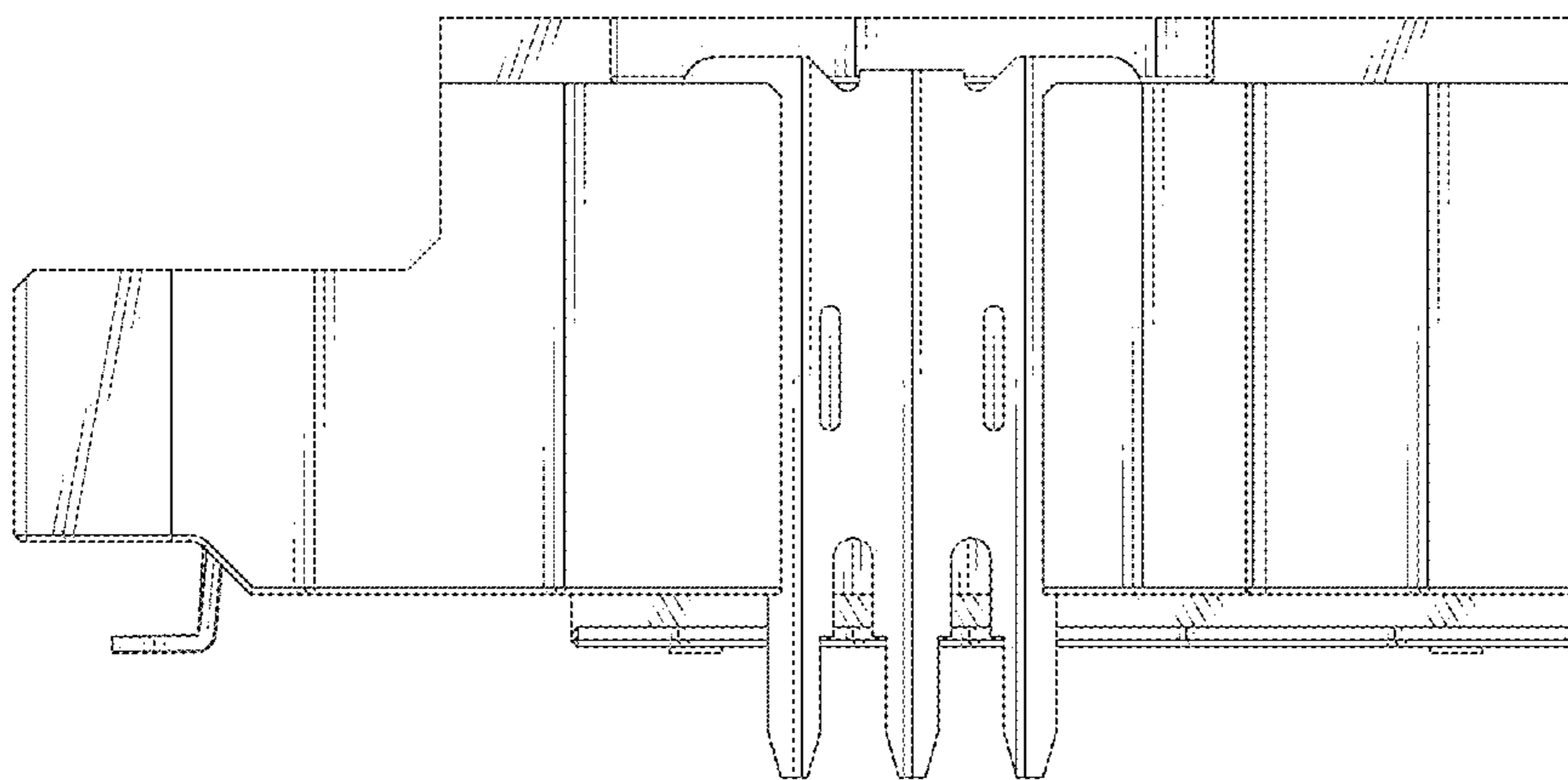


FIG. 4

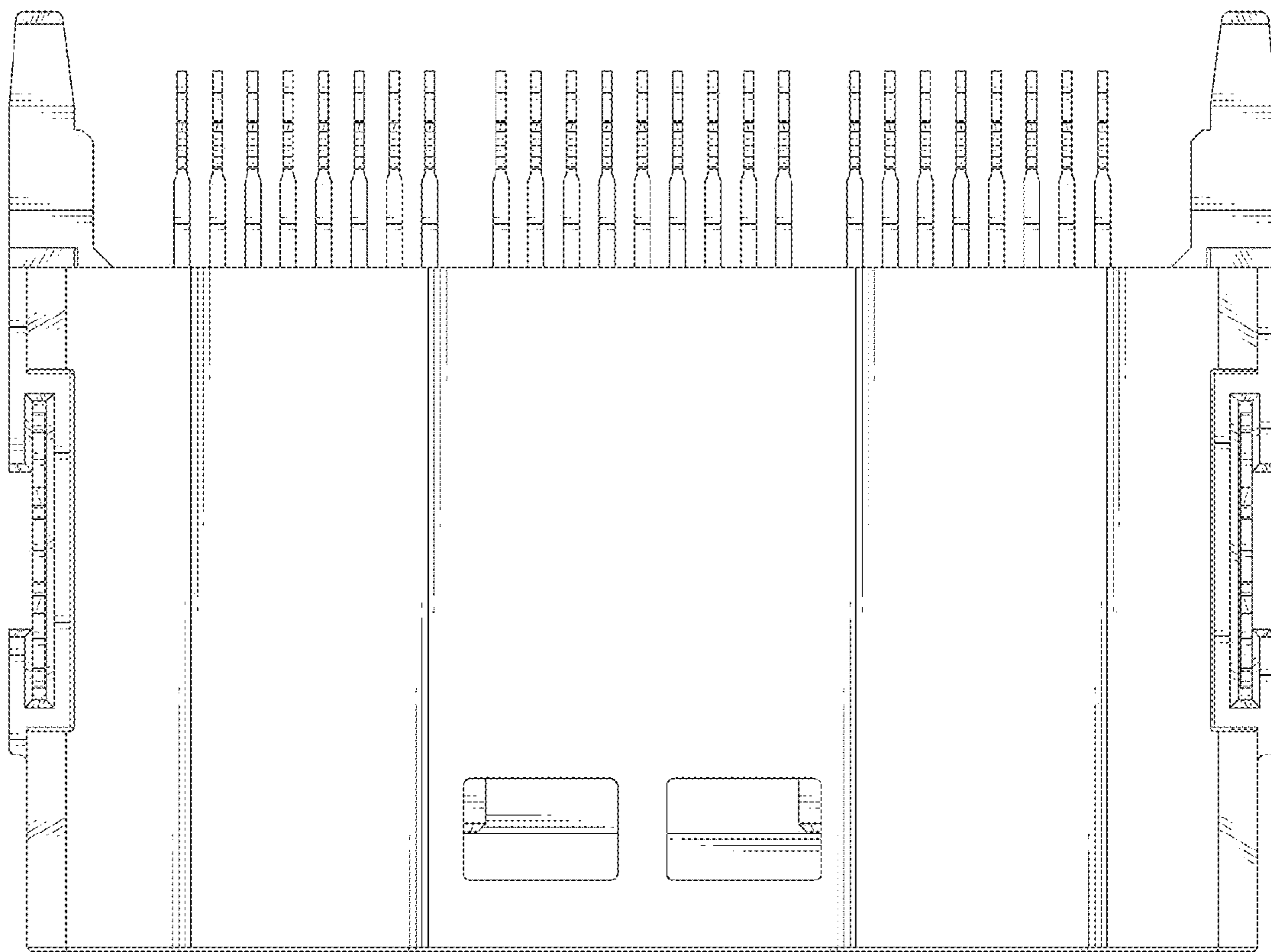


FIG. 5

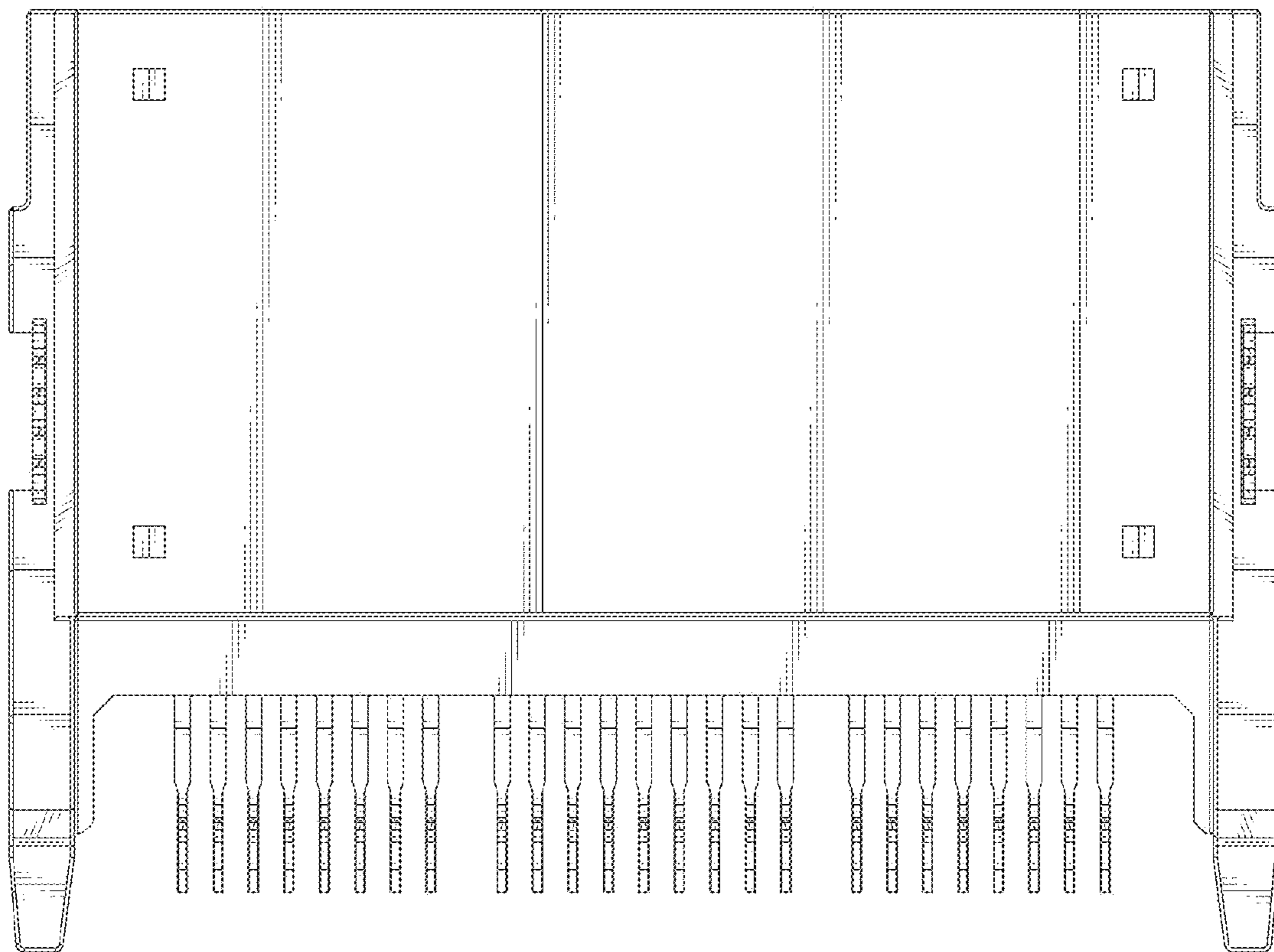


FIG. 6

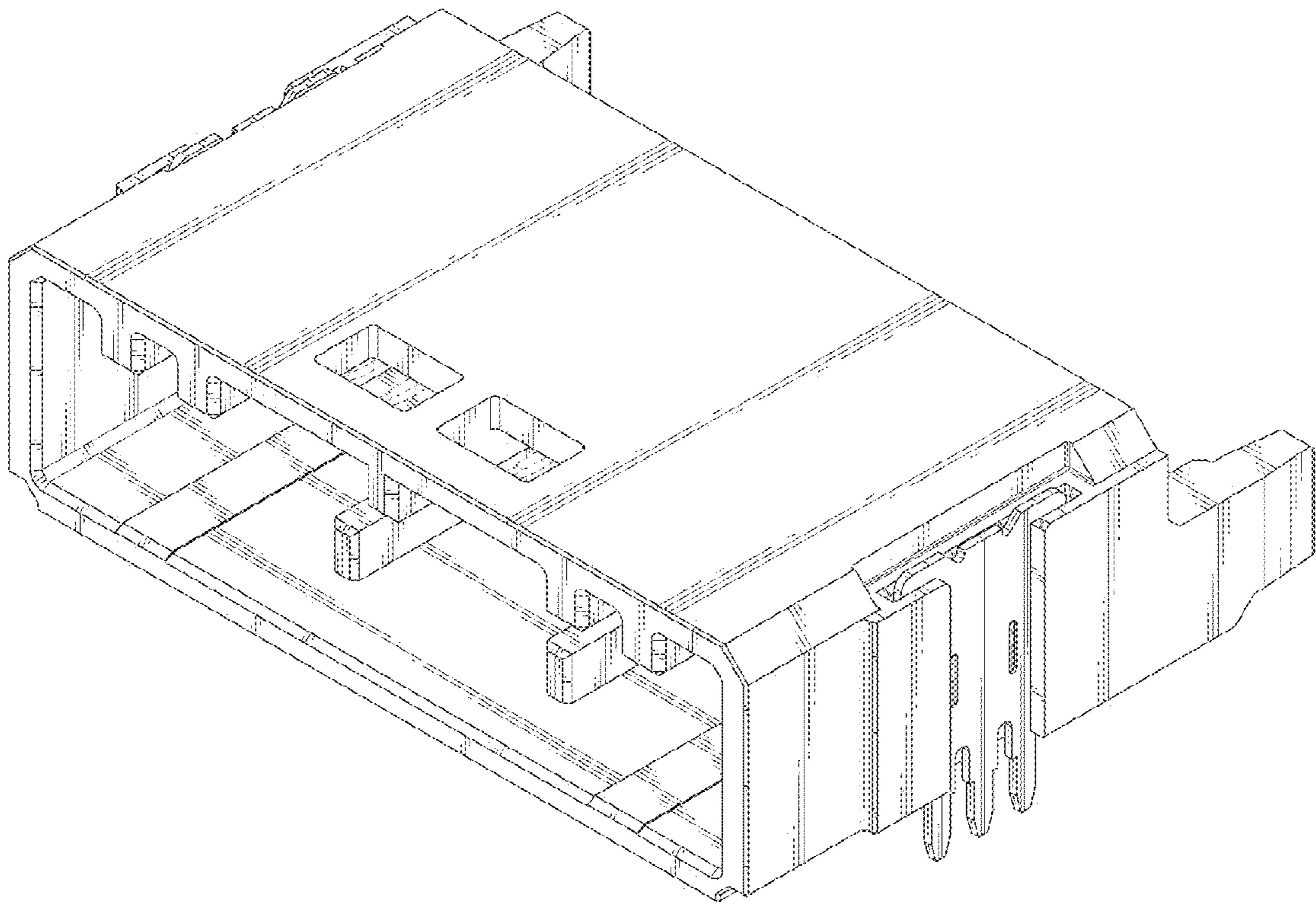


FIG. 7

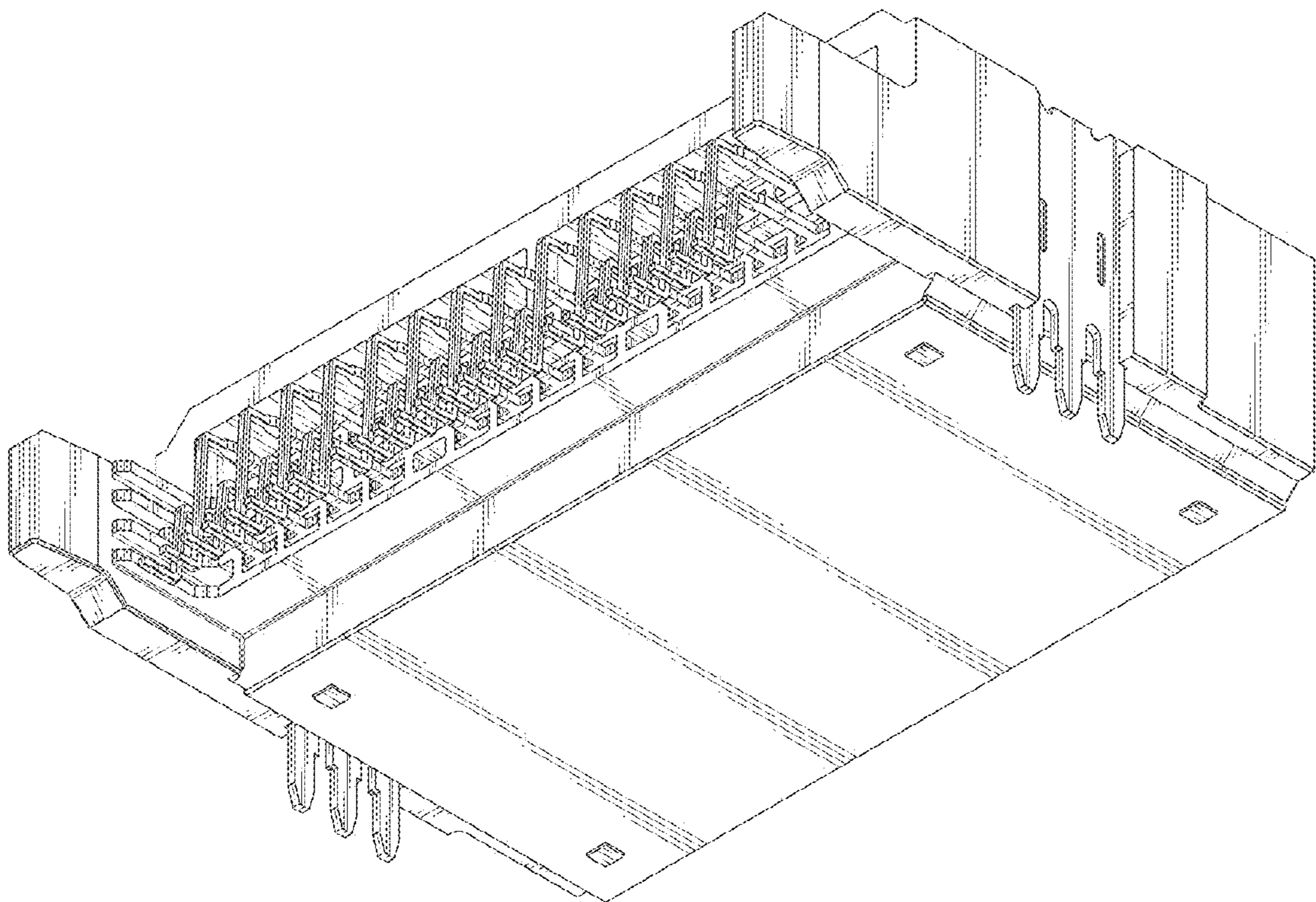


FIG. 8

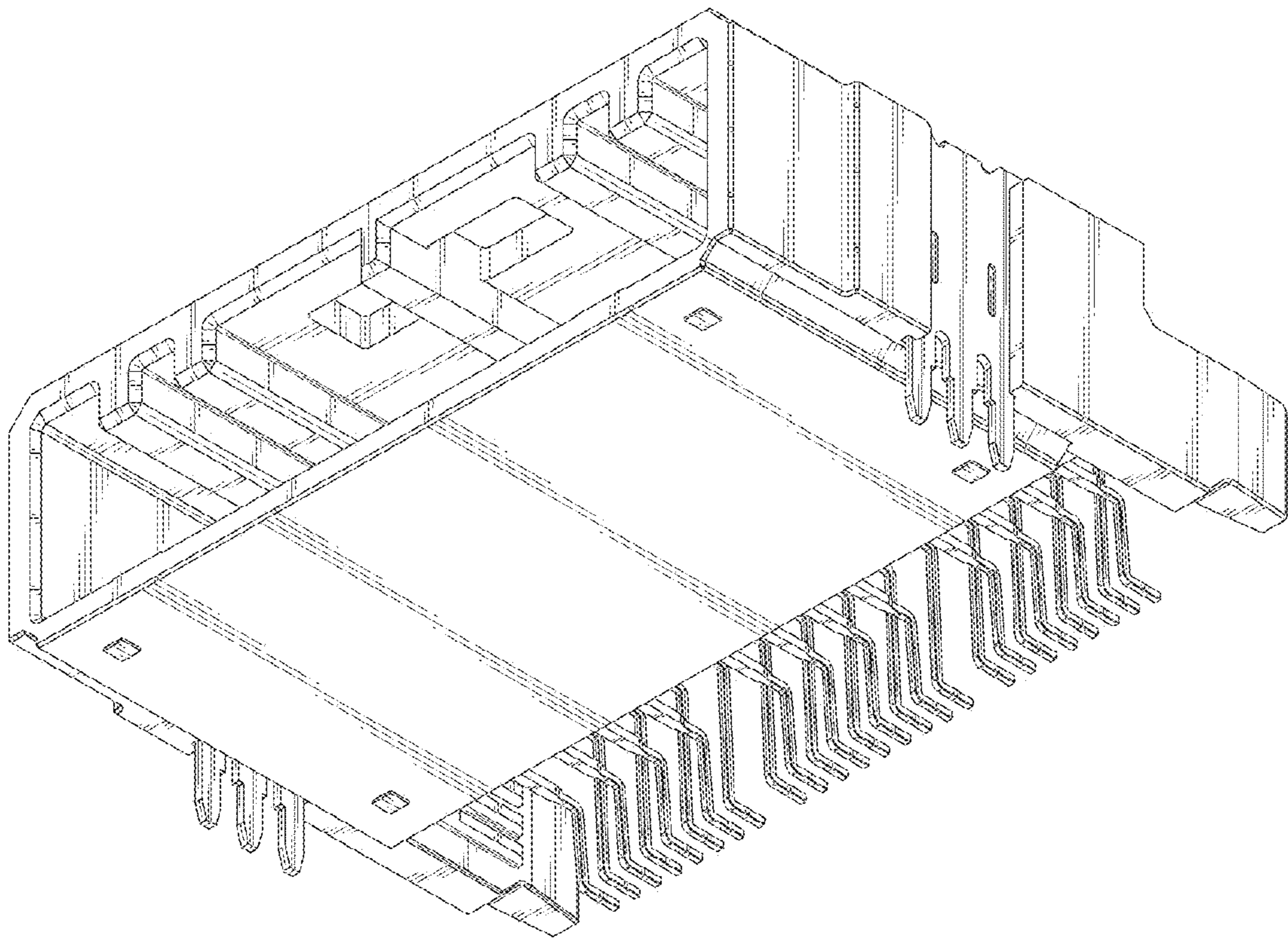


FIG. 9

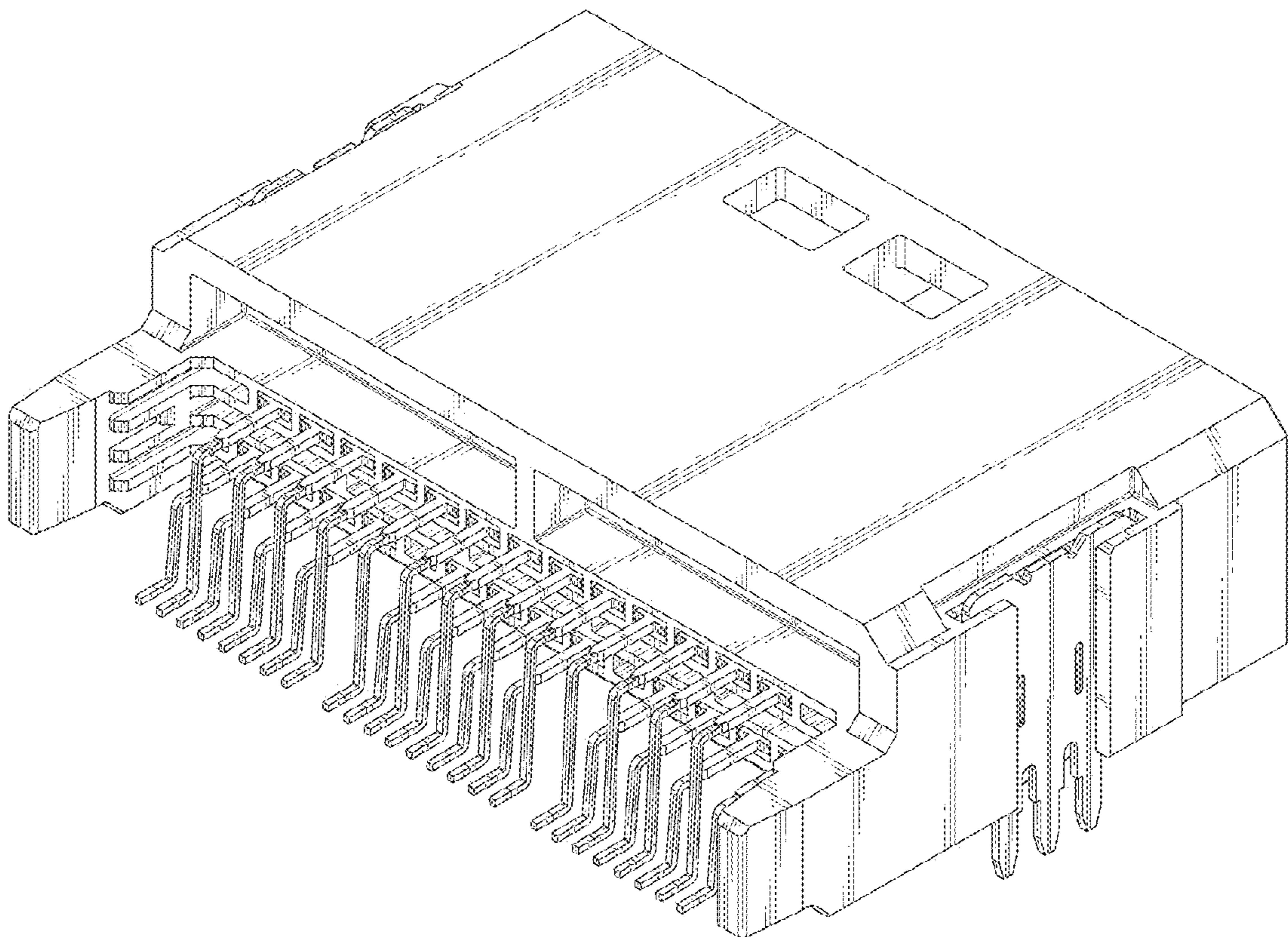


FIG. 10