



US00D982518S

(12) **United States Design Patent** (10) **Patent No.:** **US D982,518 S**
Tada et al. (45) **Date of Patent:** **** Apr. 4, 2023**

(54) **CONNECTOR**

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

(72) Inventors: **Takashi Tada, Tokyo (JP); Yusuke Obata, Tokyo (JP)**

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

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

(21) Appl. No.: **29/761,739**

(22) Filed: **Dec. 11, 2020**

(30) **Foreign Application Priority Data**

Jun. 15, 2020 (JP) 2020-011821D

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

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

(58) **Field of Classification Search**
USPC D13/119–120, 133–134, 146–147, 149,
D13/153–154, 174, 182, 199; D14/433
CPC H01R 12/57; H01R 13/521; H01R 13/631;
H01R 13/639; H01R 13/6271; H01R
13/6272; H01R 13/6583; H01R 13/40
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D323,646 S * 2/1992 Suzuki D13/147
D537,783 S * 3/2007 Hamada D13/133
D655,678 S * 3/2012 Kobayashi D13/147
D748,589 S * 2/2016 Endo D13/147
D754,072 S * 4/2016 Katagiyama D13/133
D820,214 S * 6/2018 Asano D13/147

D898,674 S * 10/2020 Shimomaki D13/147
D924,162 S * 7/2021 Yokoyama D13/147
D959,381 S * 8/2022 Yamamoto D13/133
2002/0072265 A1 * 6/2002 Chen H01R 13/6272
439/357
2016/0315425 A1 * 10/2016 Nishimori H01R 13/40
2021/0234305 A1 * 7/2021 Obata H01R 13/6271
2022/0263274 A1 * 8/2022 Kumaki H01R 13/6583

* cited by examiner

Primary Examiner — Shawn T Gingrich

Assistant Examiner — Bryan N. Melvin

(74) *Attorney, Agent, or Firm* — Manabu Kanesaka

(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;

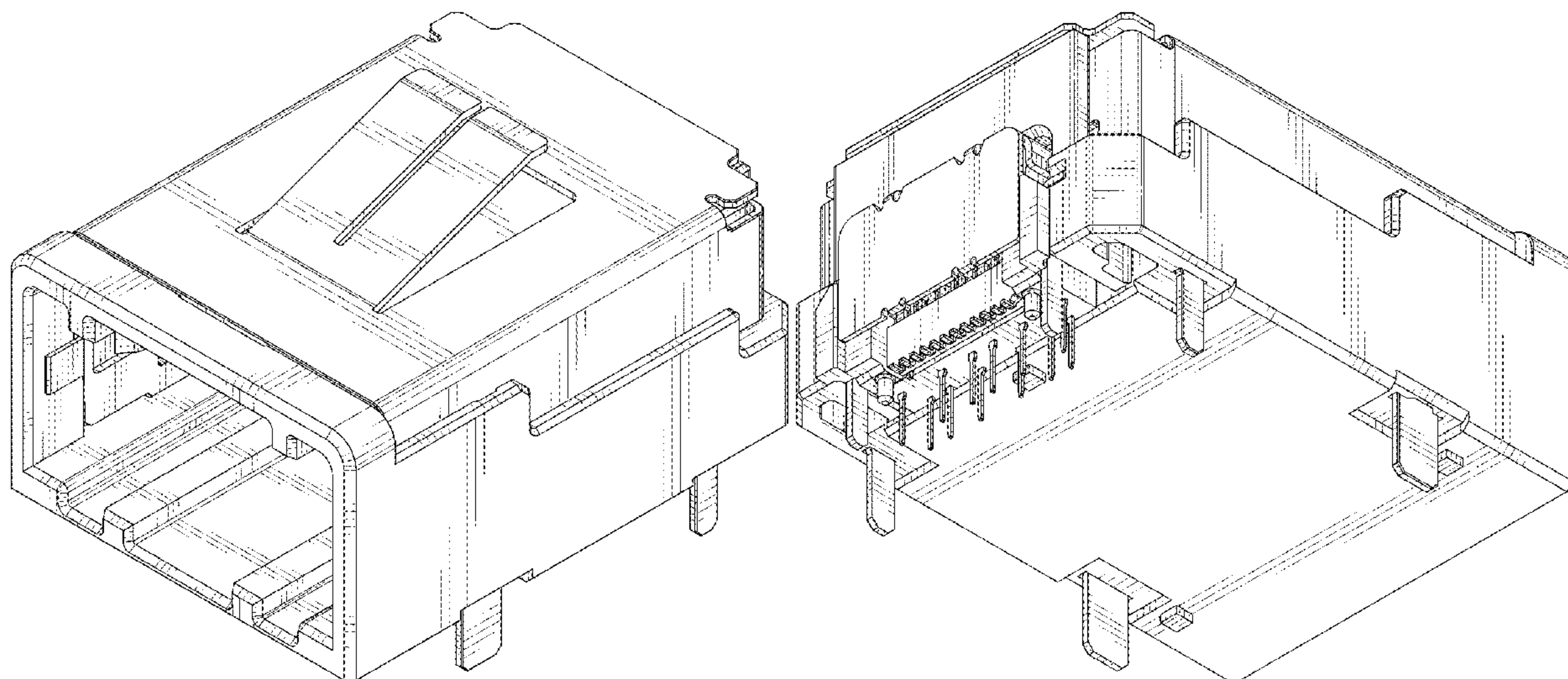
FIG. 8 is a perspective view showing a rear, bottom and left side thereof;

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



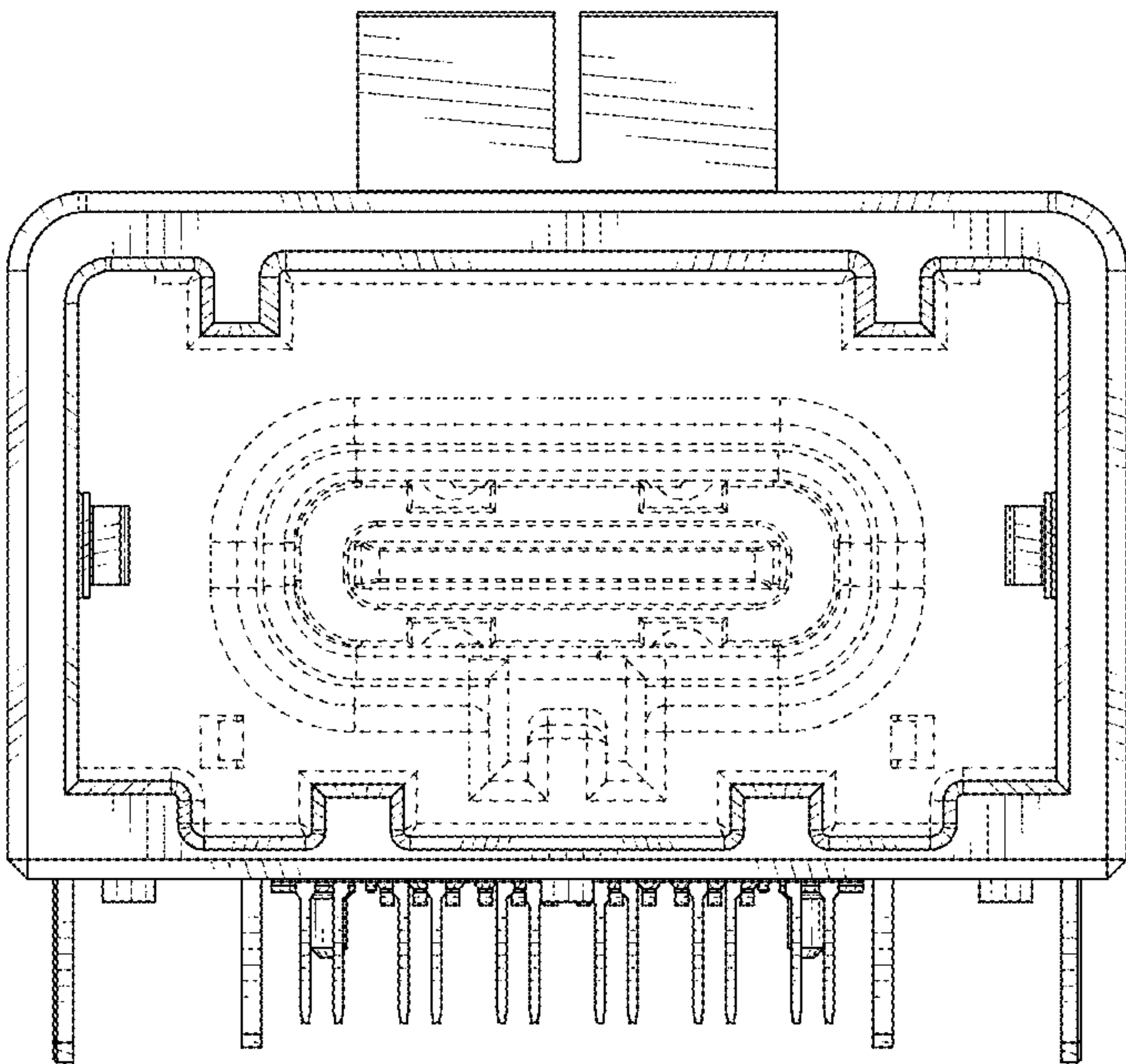


FIG. 1

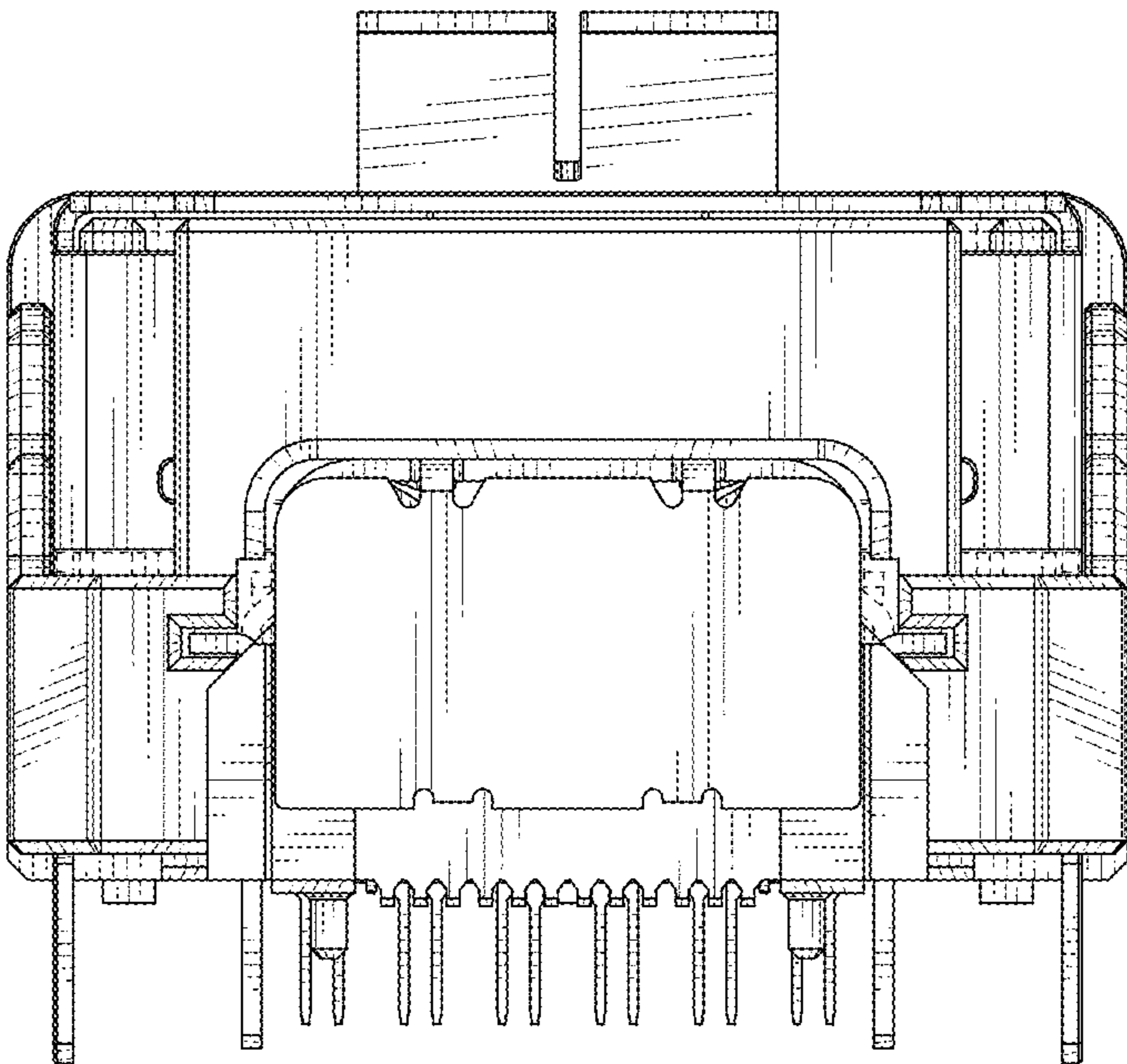


FIG. 2

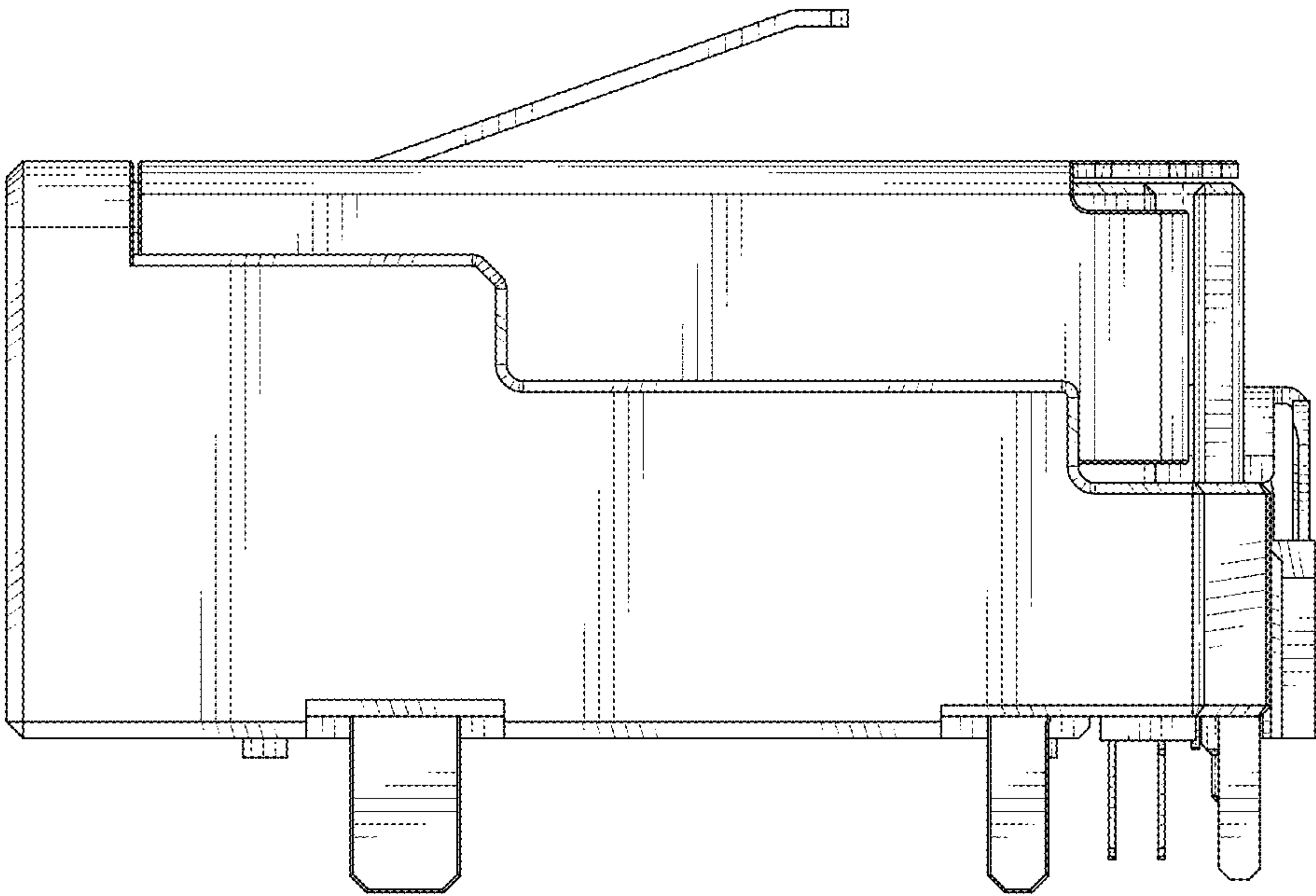


FIG. 3

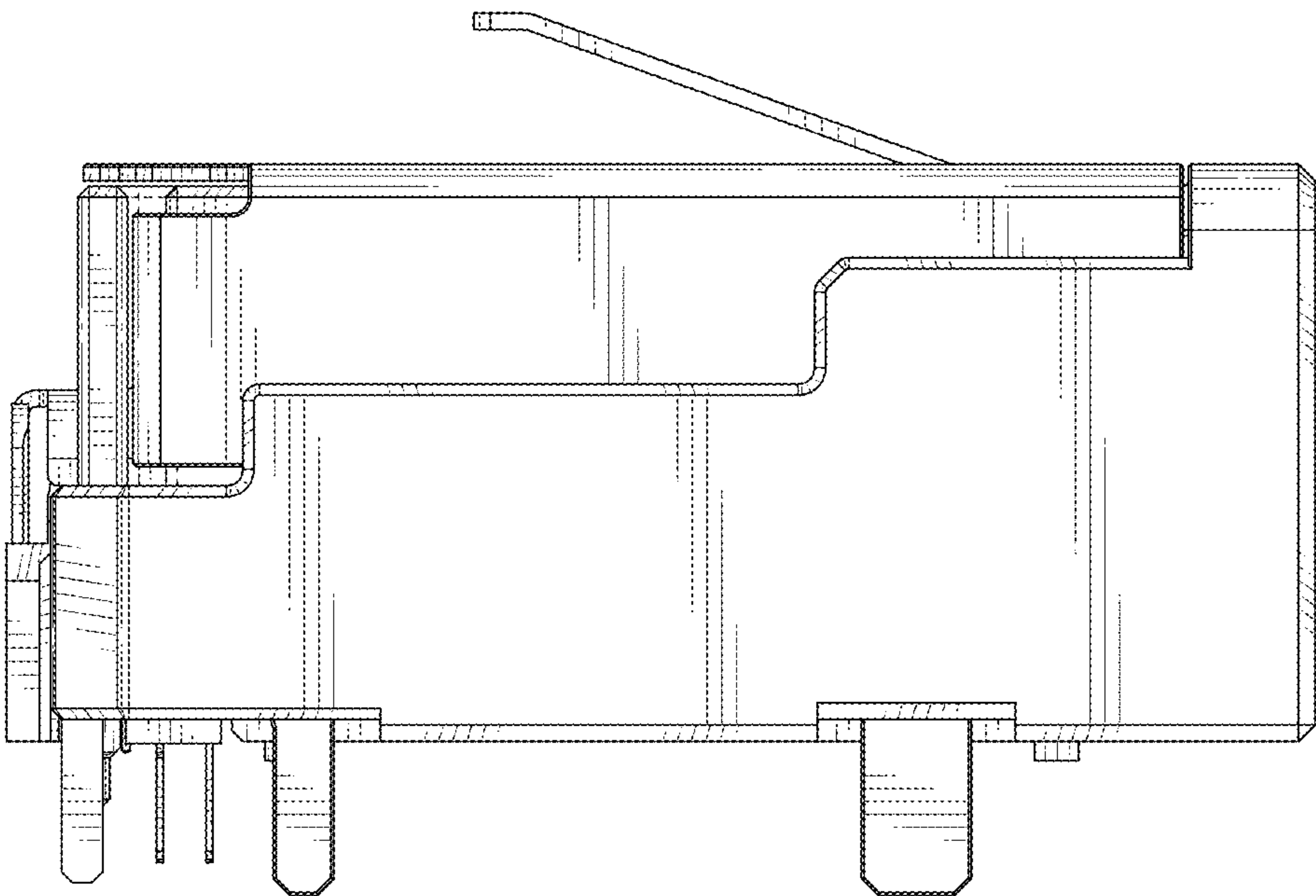


FIG. 4

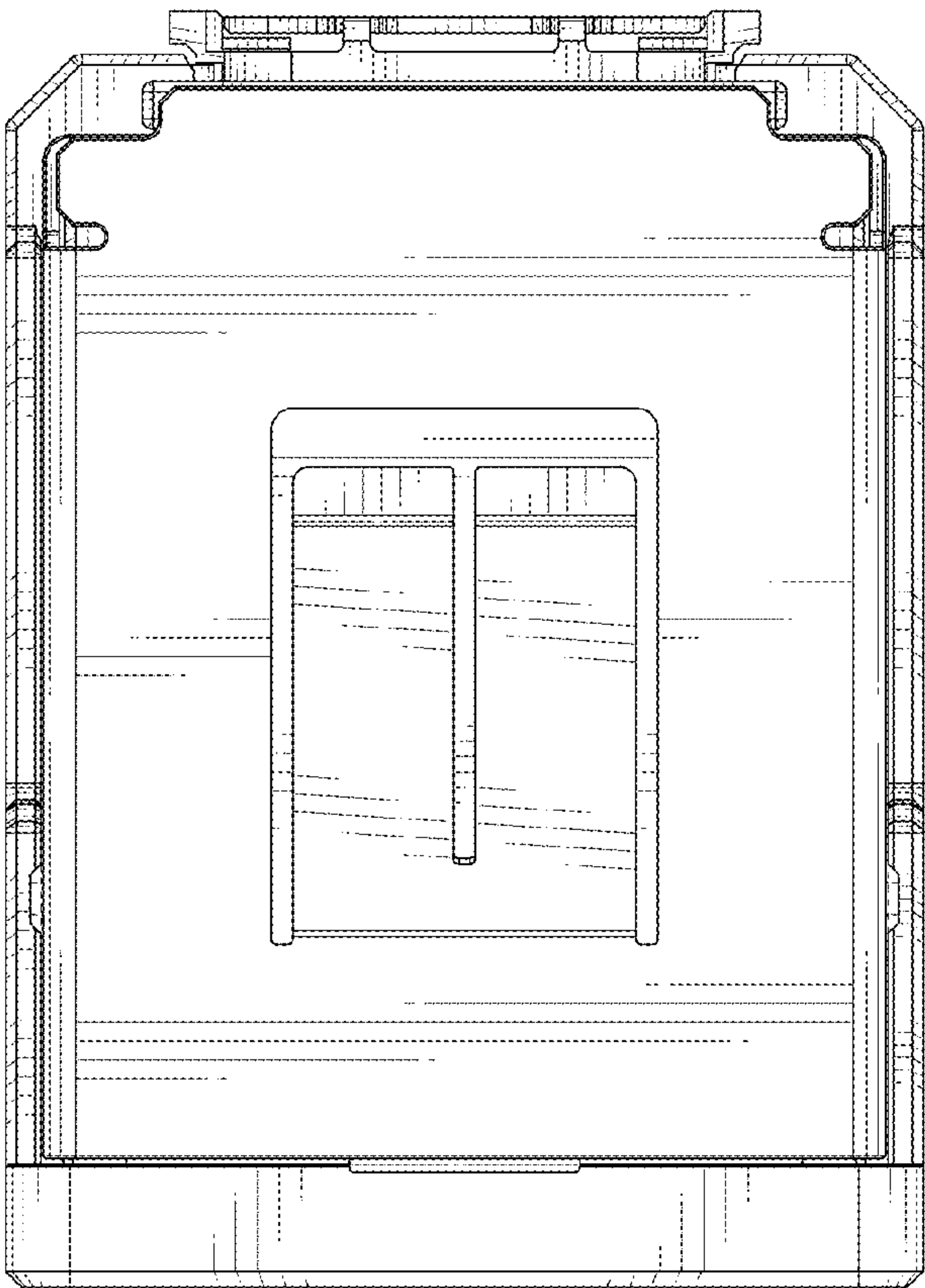


FIG. 5

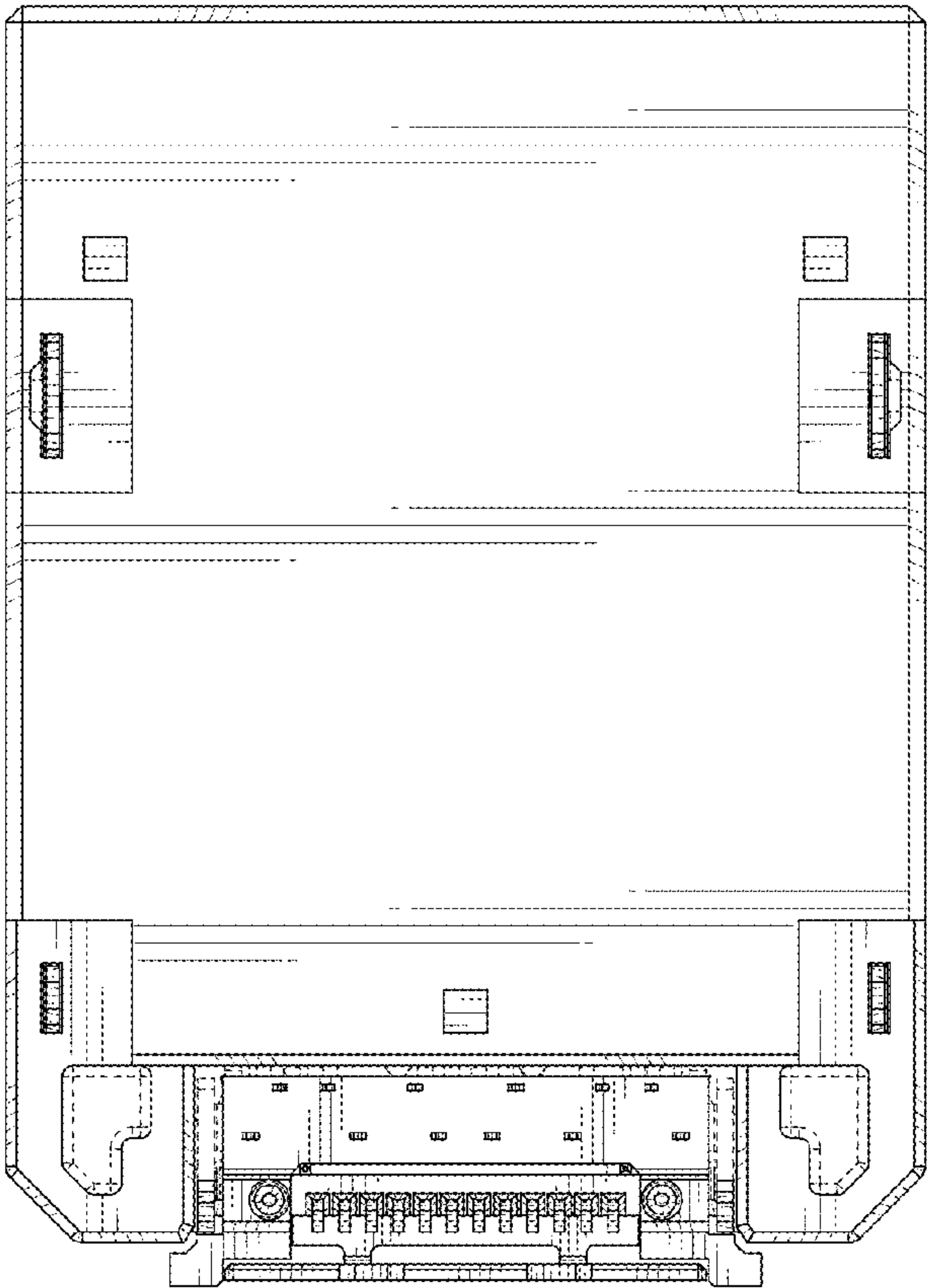


FIG. 6

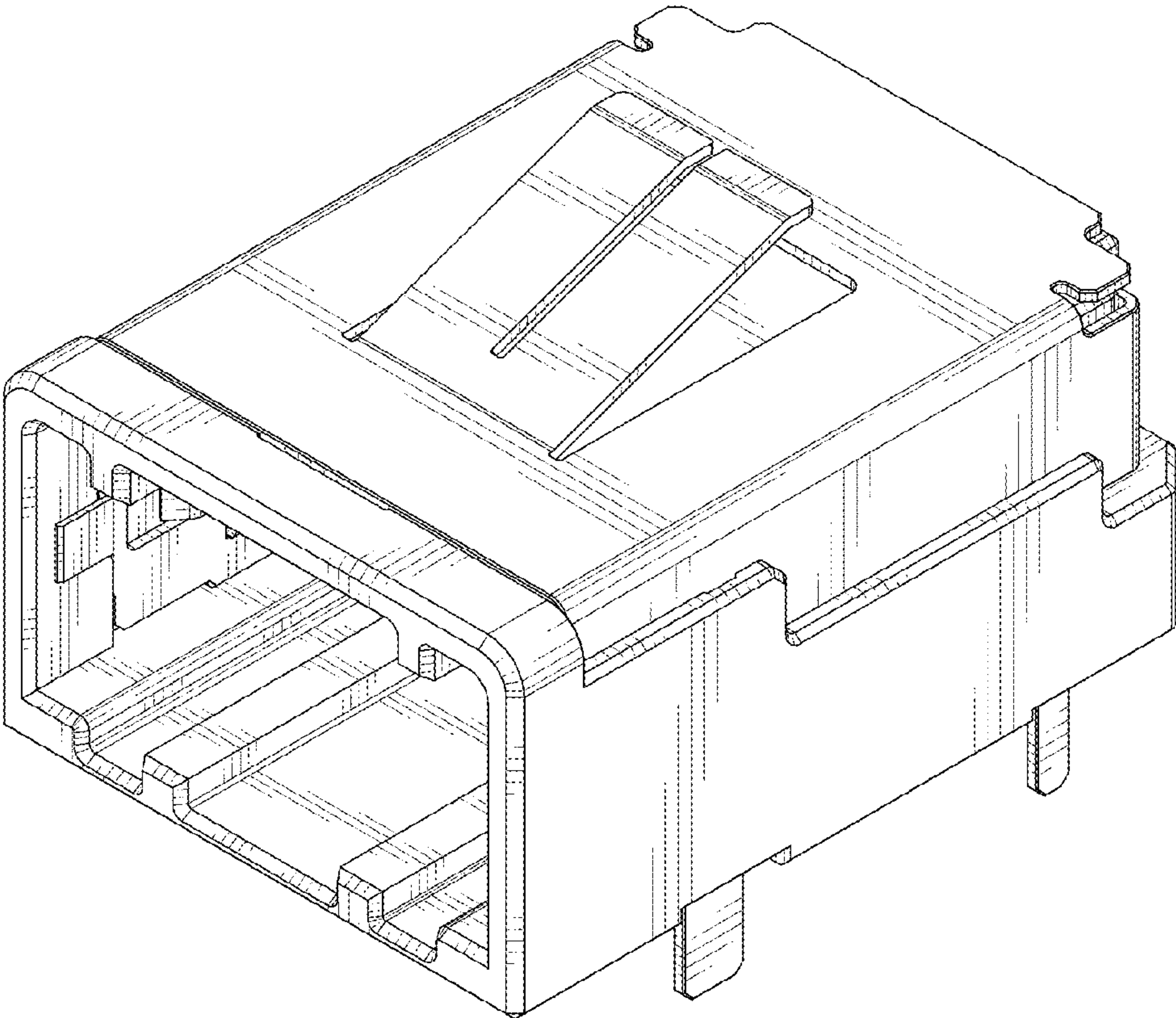


FIG. 7

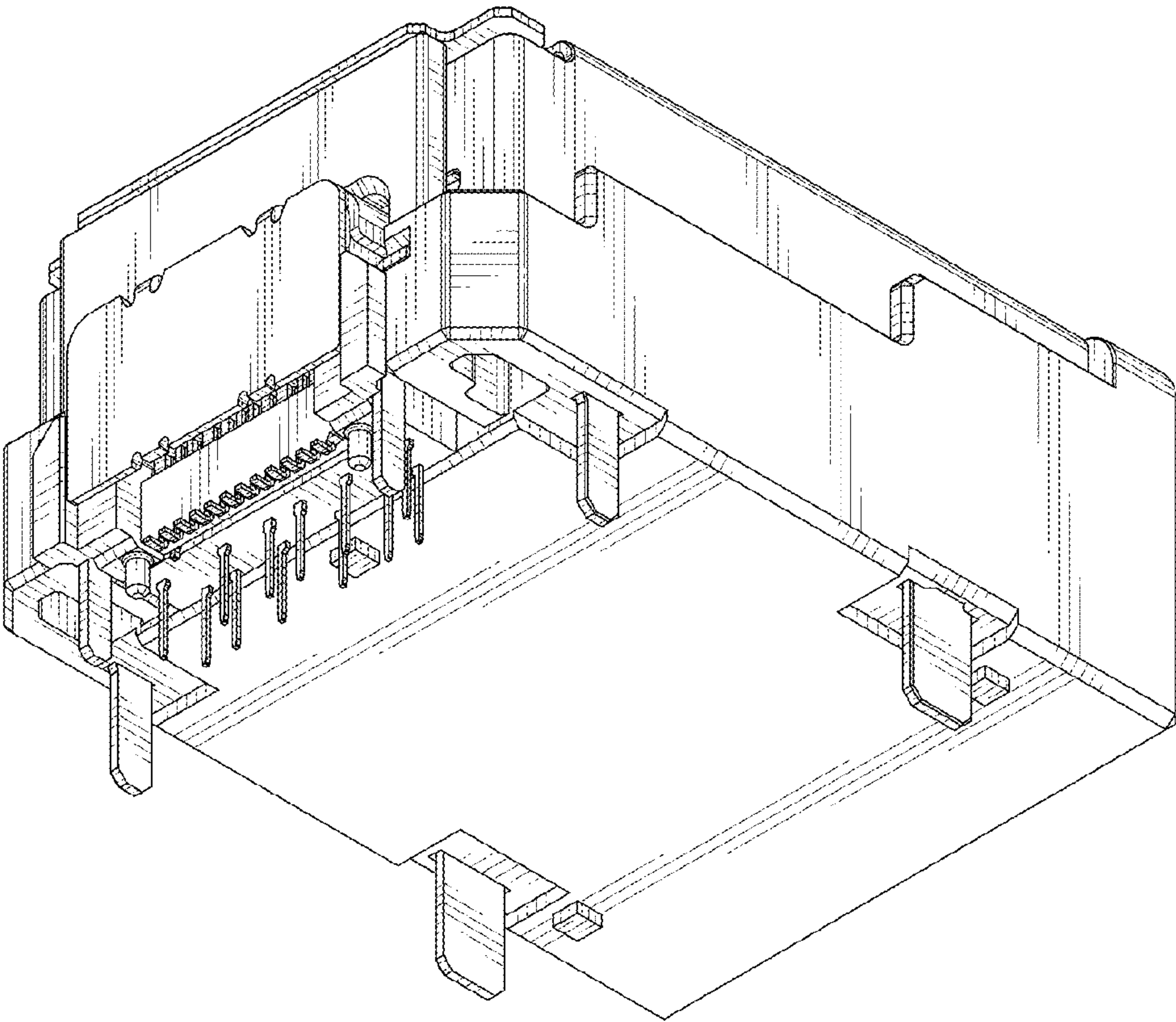


FIG. 8

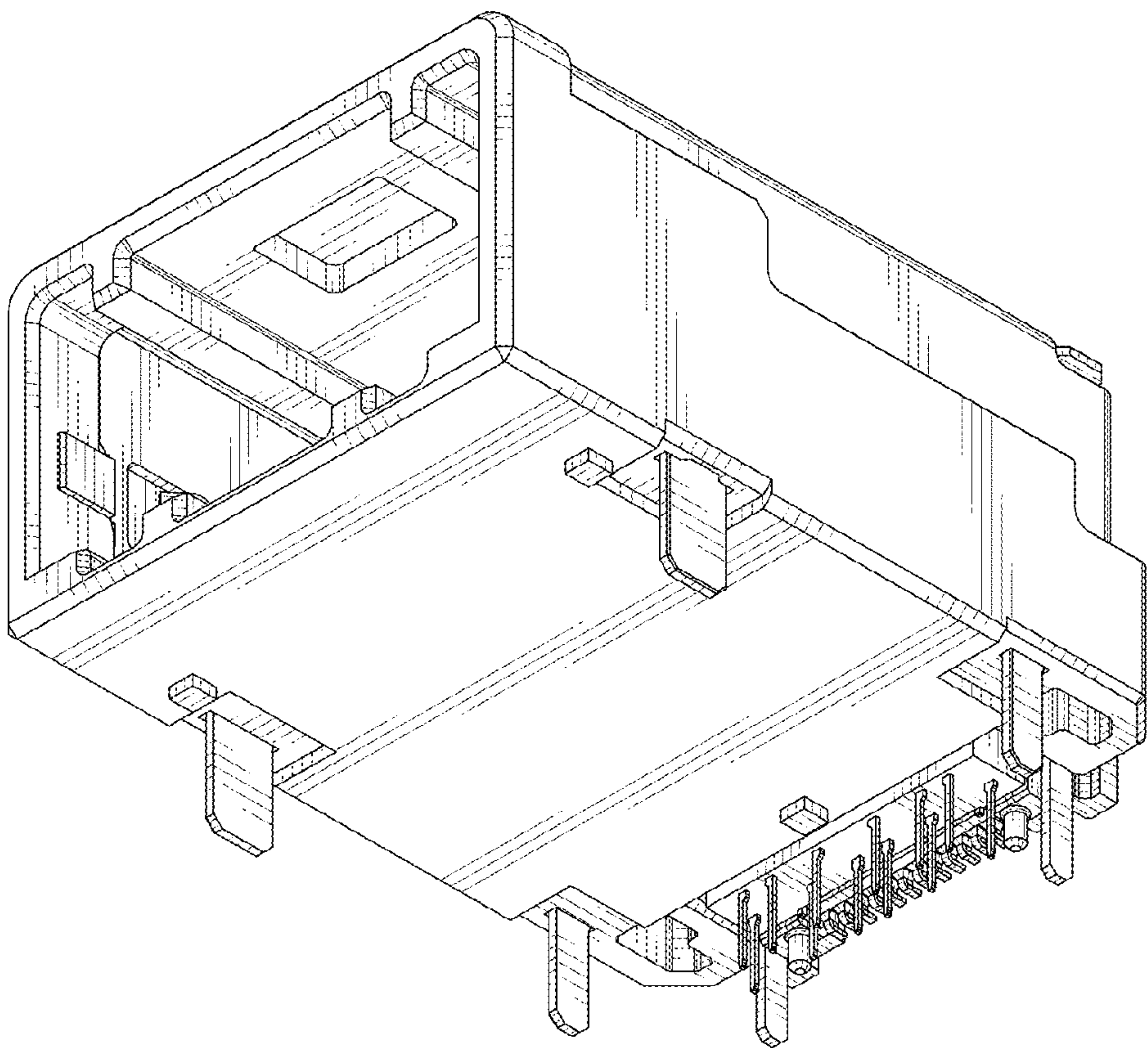


FIG. 9

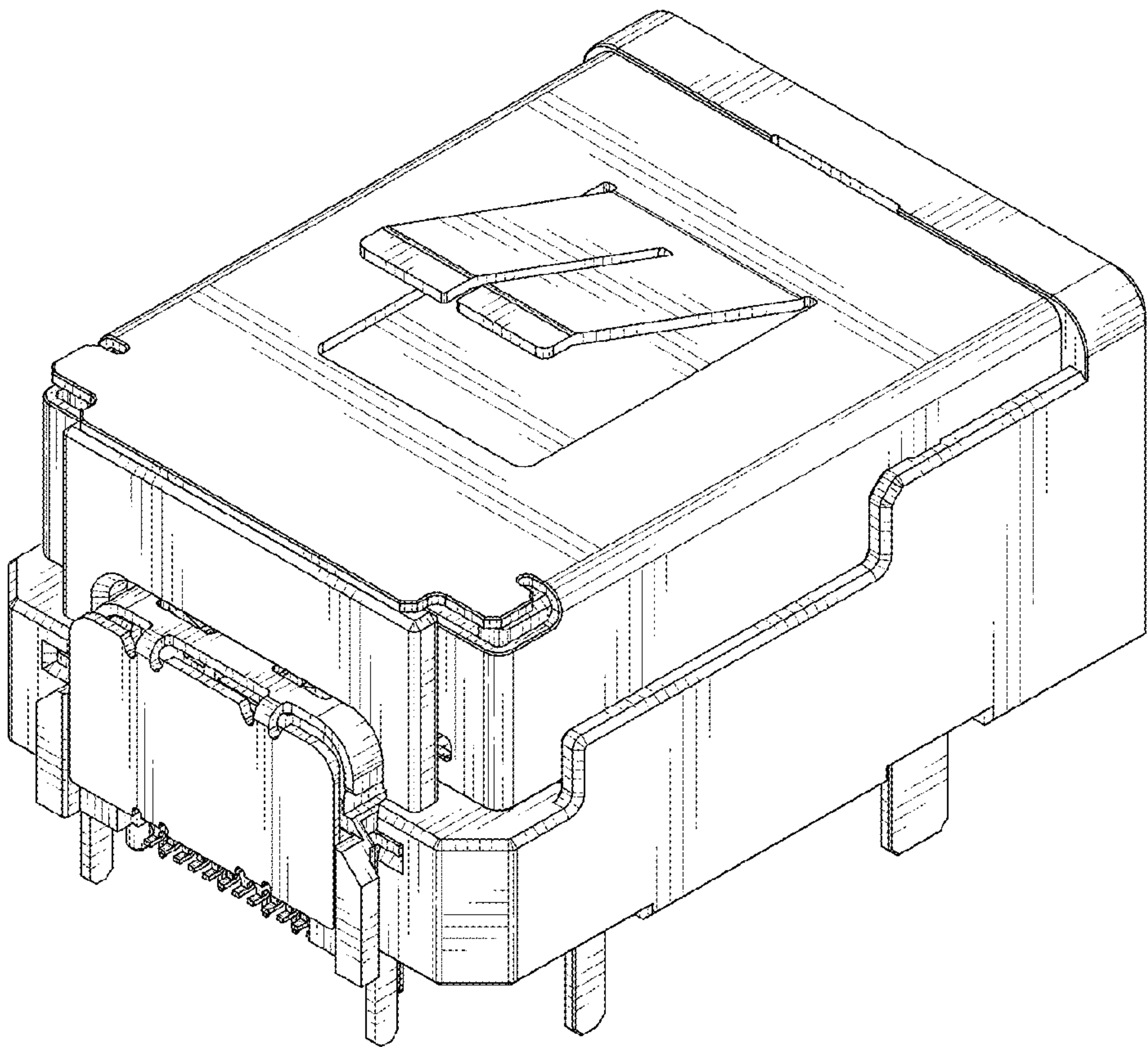


FIG. 10