US00D957346S

(12) United States Design Patent

Morishita et al.

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(45) Date of Patent: ** Jul. 12, 2022

(54) **CONNECTOR**

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

(72) Inventors: **Yukuya Morishita**, Tokyo (JP); **Yusuke Obata**, Tokyo (JP)

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

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

(21) Appl. No.: **29/757,992**

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

(30) **Foreign Application Priority Data**

May 22, 2020 (JP) ..... 2020-010036 D

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

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

(58) **Field of Classification Search**
USPC D13/120, 123, 133, 146–147, 149, 154, D13/184, 199
CPC H01R 4/028; H01R 12/716; H01R 12/707; H01R 12/57; H01R 13/04; H01R 13/502; H01R 13/629; H01R 12/7005; H05K 1/18; H05K 7/00; H05K 7/20; H02M 7/00; H01L 25/07; H01L 25/16; H01L 25/18; H01L 23/00; H01L 23/31
See application file for complete search history.

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Primary Examiner — Shawn T Gingrich
Assistant Examiner — Anton Dennis Murray
(74) *Attorney, Agent, or Firm* — Manabu Kanesaka

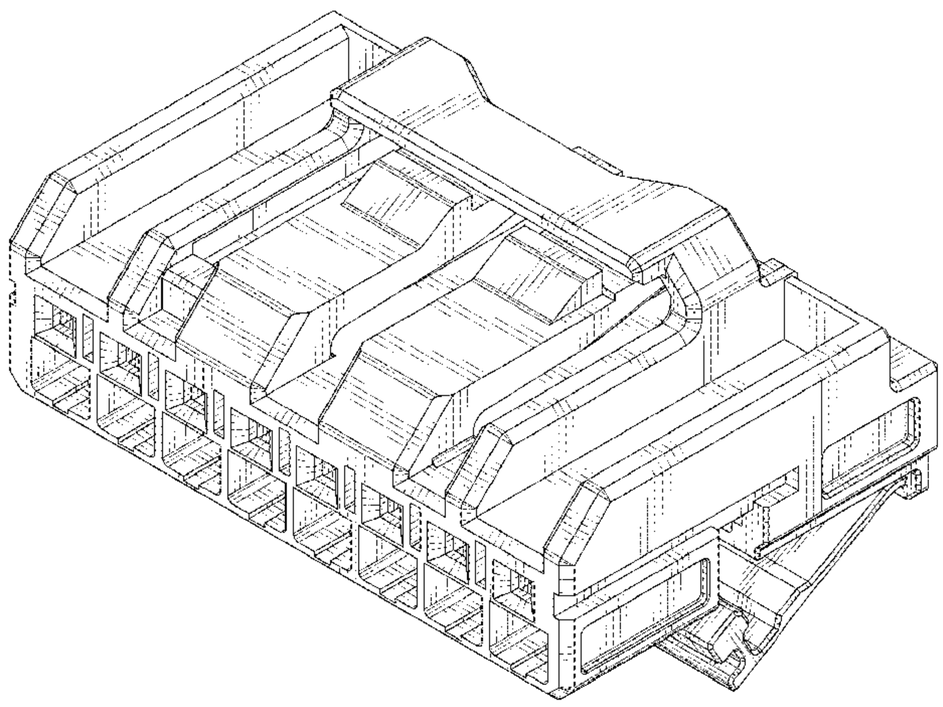
(57) **CLAIM**

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

DESCRIPTION

FIG. **1** is a front elevational view of the first configuration 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 cross-sectional view thereof taken along a line **7-7** in FIG. **1**;
FIG. **8** is a perspective view showing a front, top and right side thereof;
FIG. **9** is a perspective view showing a rear, bottom and left side thereof;
FIG. **10** is a perspective view showing a front, right and bottom side thereof;
FIG. **11** is a perspective view showing a rear, left and top side thereof;
FIG. **12** is a front elevational view of the second configuration of a connector showing our new design, wherein a hinge portion is in a closed state;

(Continued)



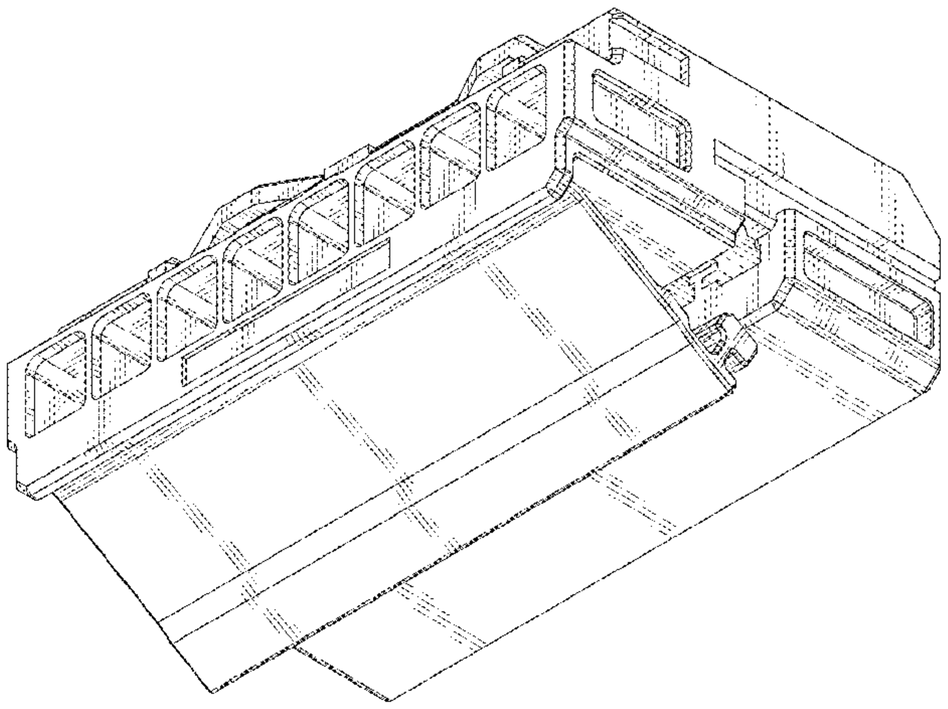


FIG. **13** is a rear elevational view thereof;
FIG. **14** is a right side elevational view thereof;
FIG. **15** is a left side elevational view thereof;
FIG. **16** is a top plan view thereof;
FIG. **17** is a bottom plan view thereof;
FIG. **18** is a cross-sectional view thereof taken along a line **18-18** in FIG. **12**;
FIG. **19** is a perspective view showing a front, top and right side thereof;
FIG. **20** is a perspective view showing a rear, bottom and left side thereof;
FIG. **21** is a perspective view showing a front, right and bottom side thereof; and,
FIG. **22** 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, 12 Drawing Sheets

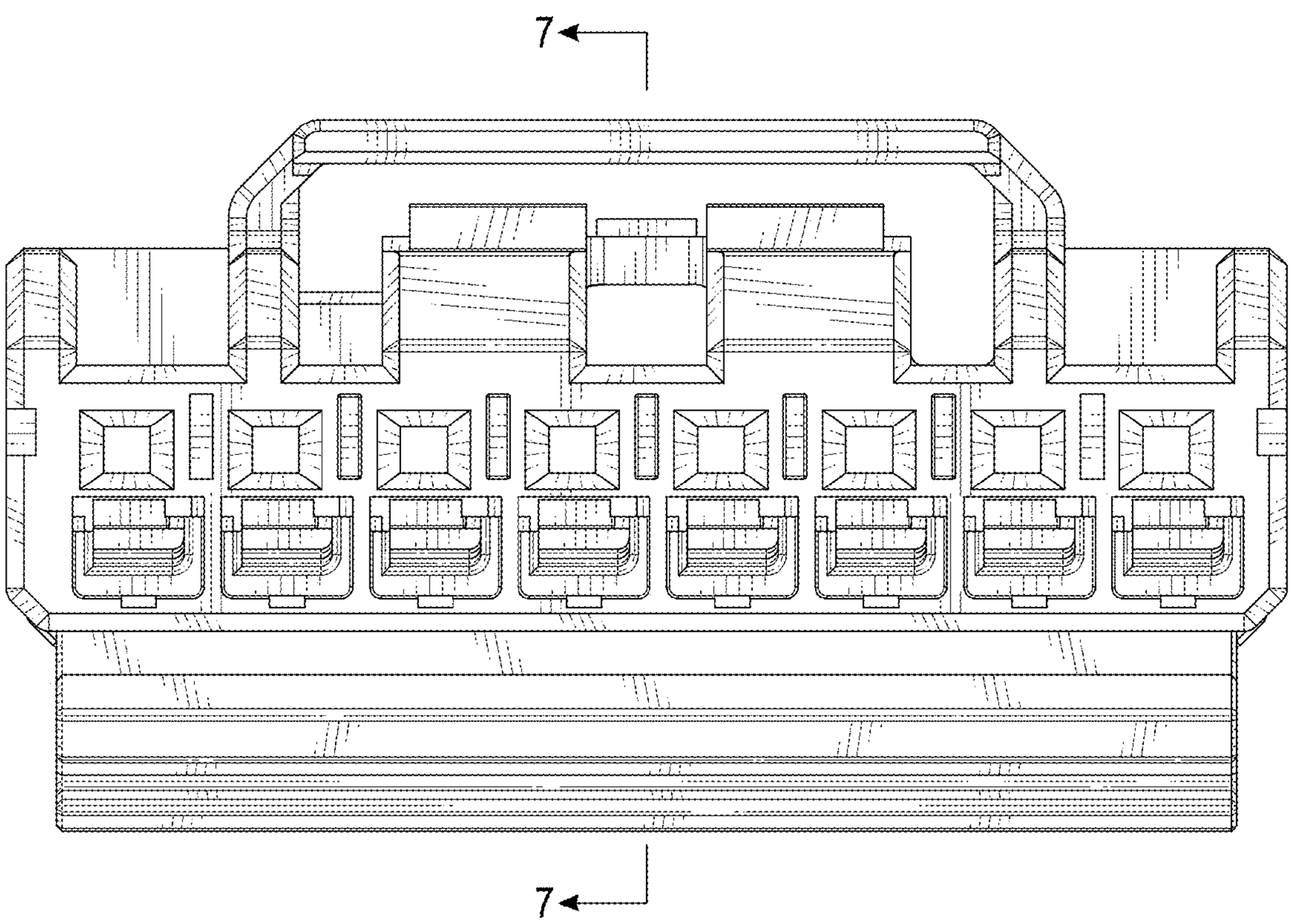


FIG. 1

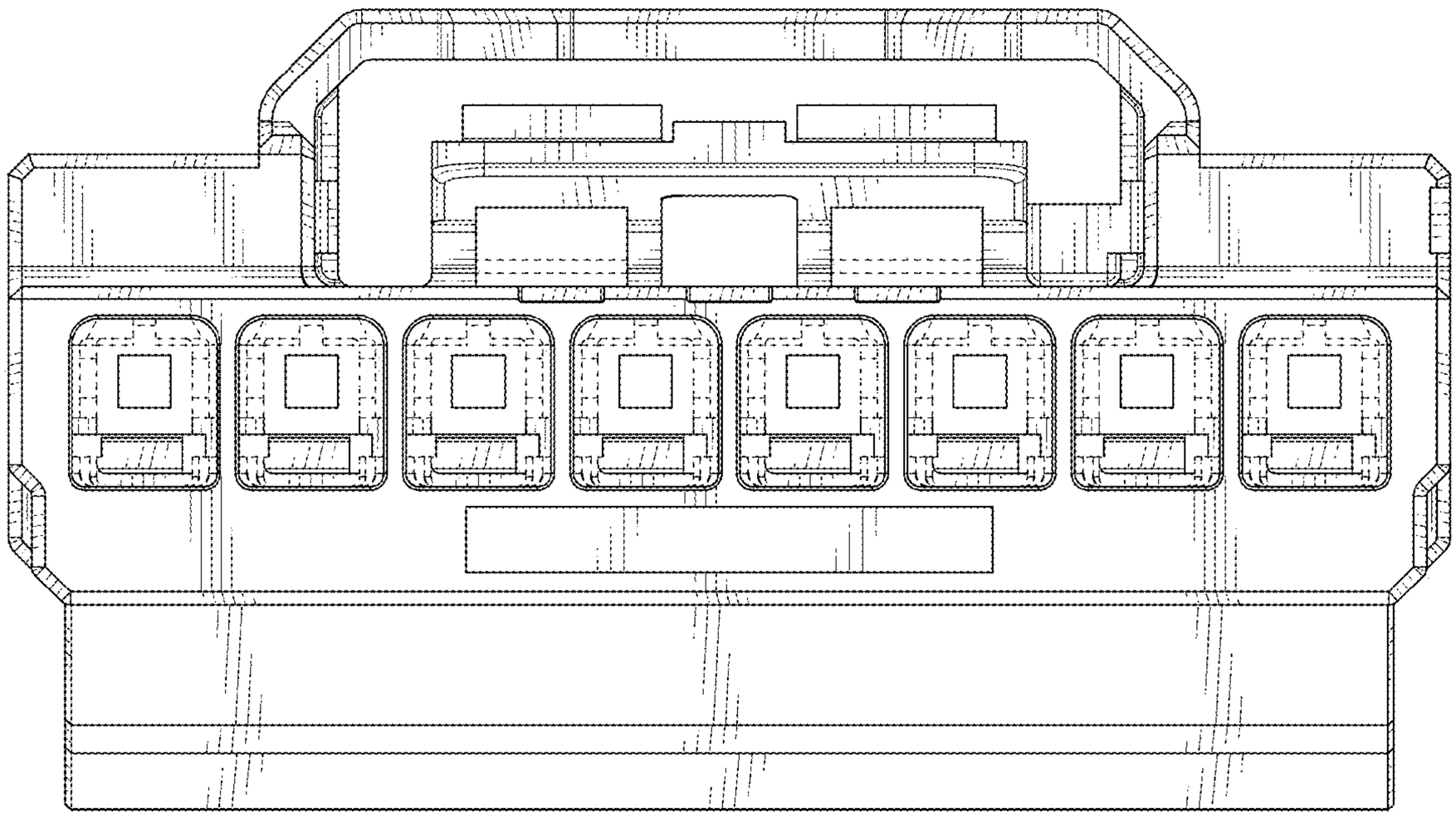


FIG. 2

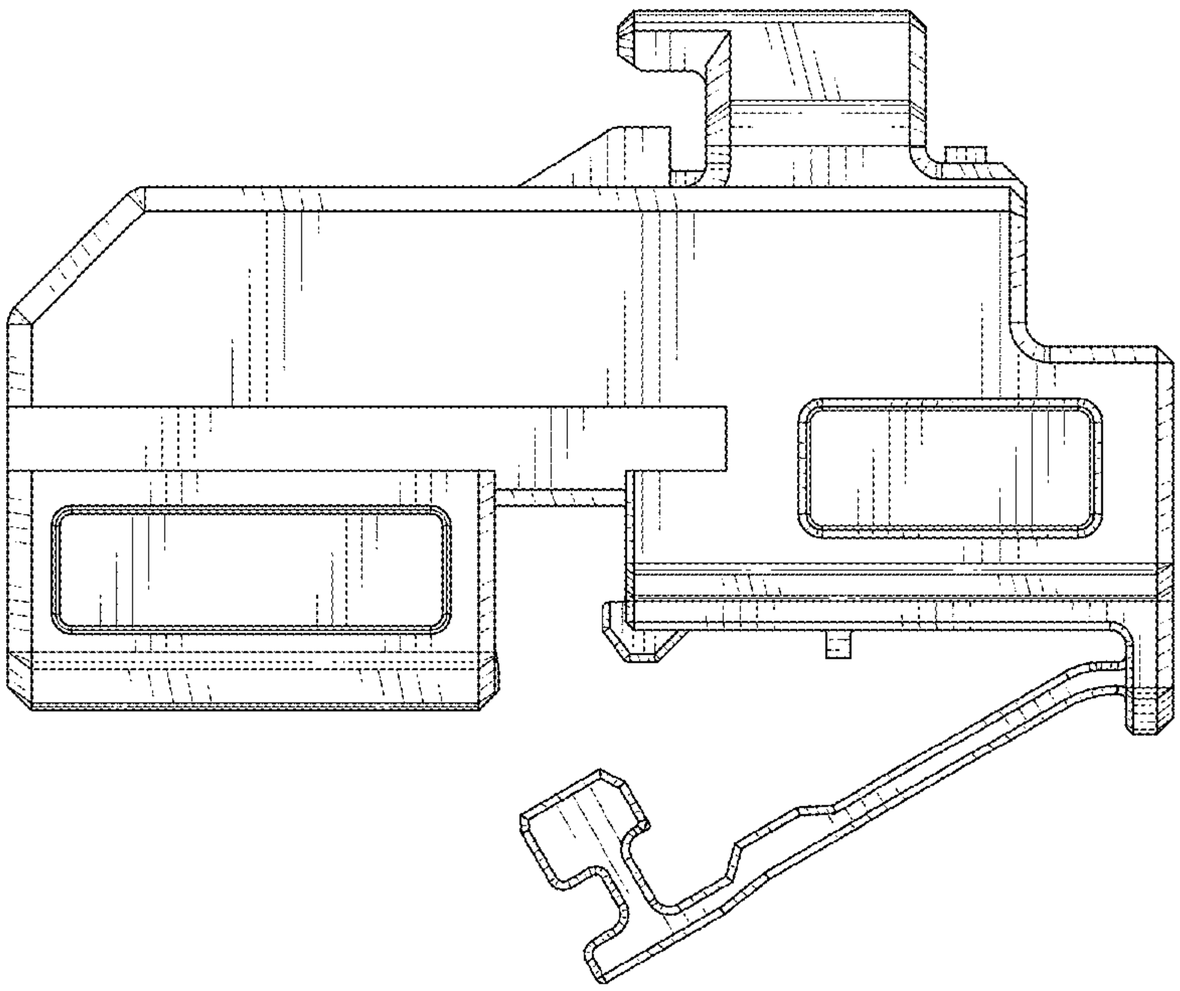


FIG. 3

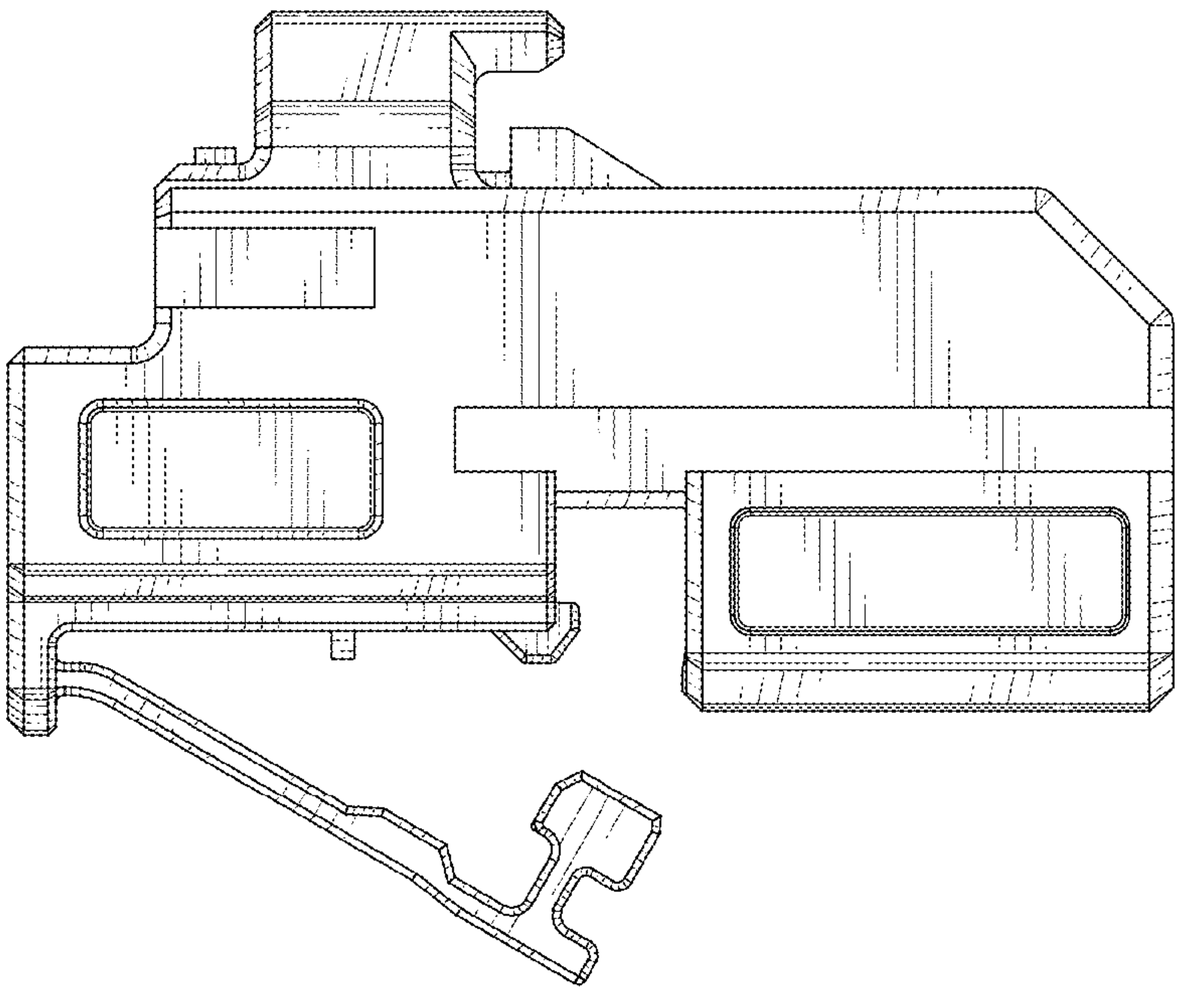


FIG. 4

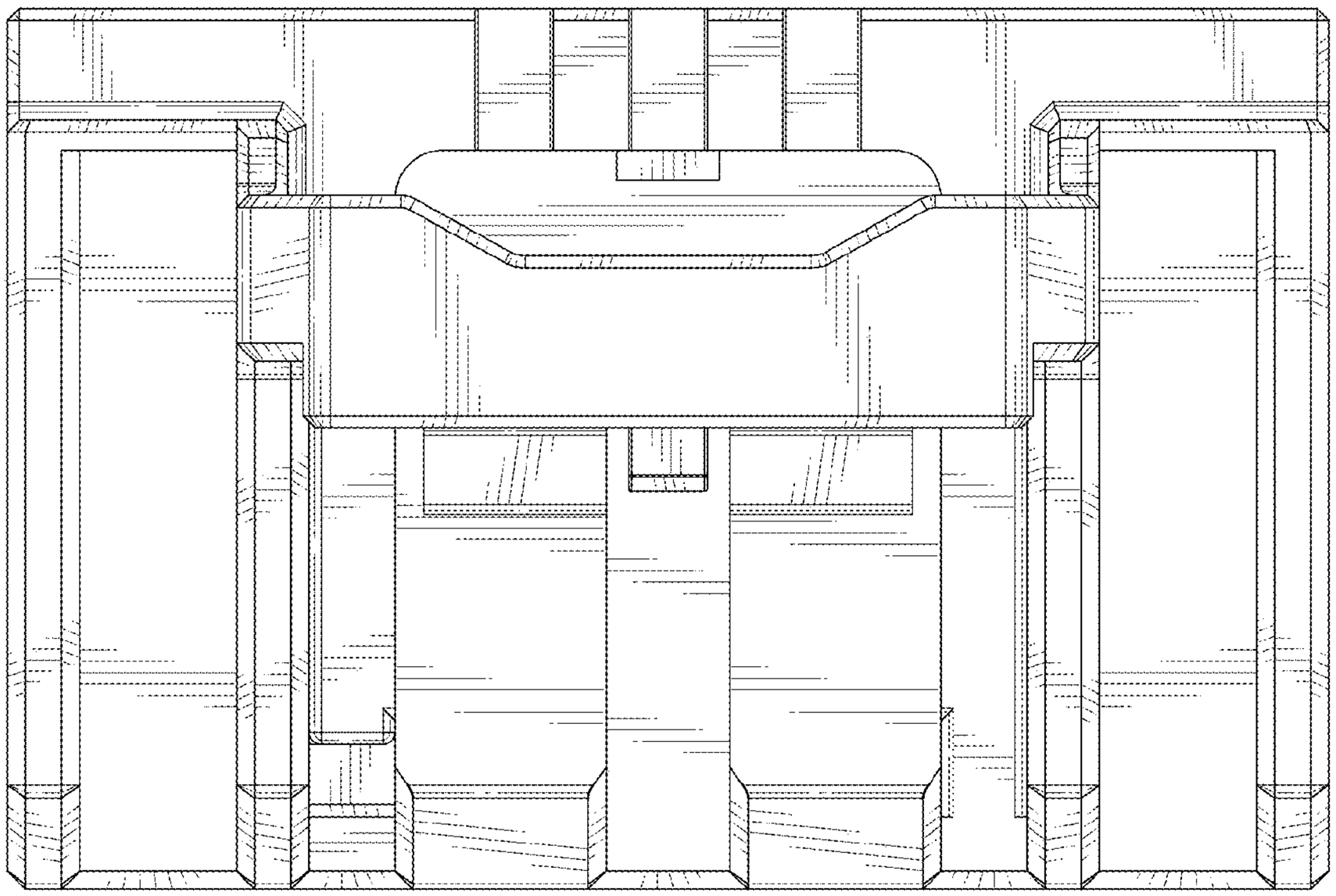


FIG. 5

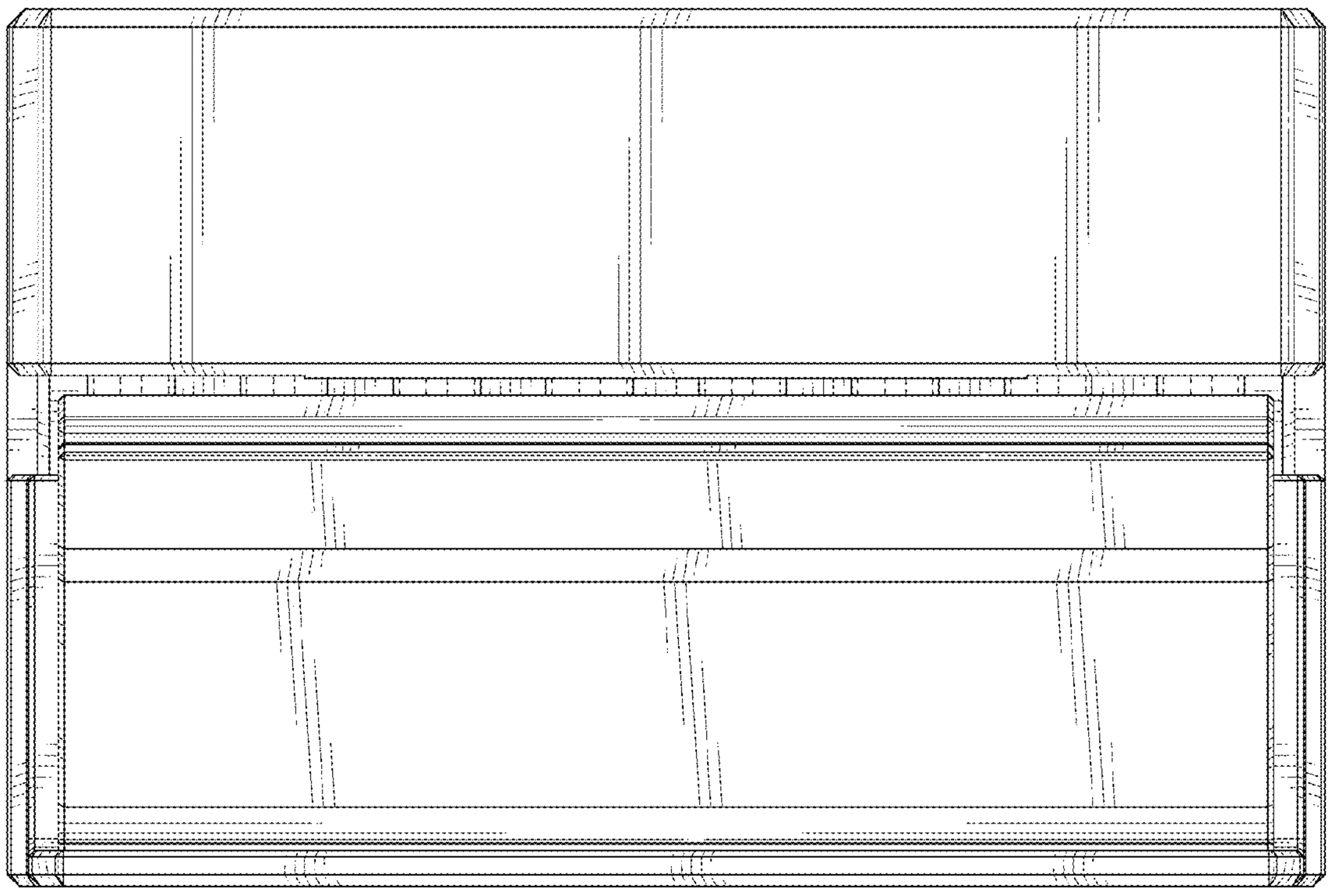


FIG. 6

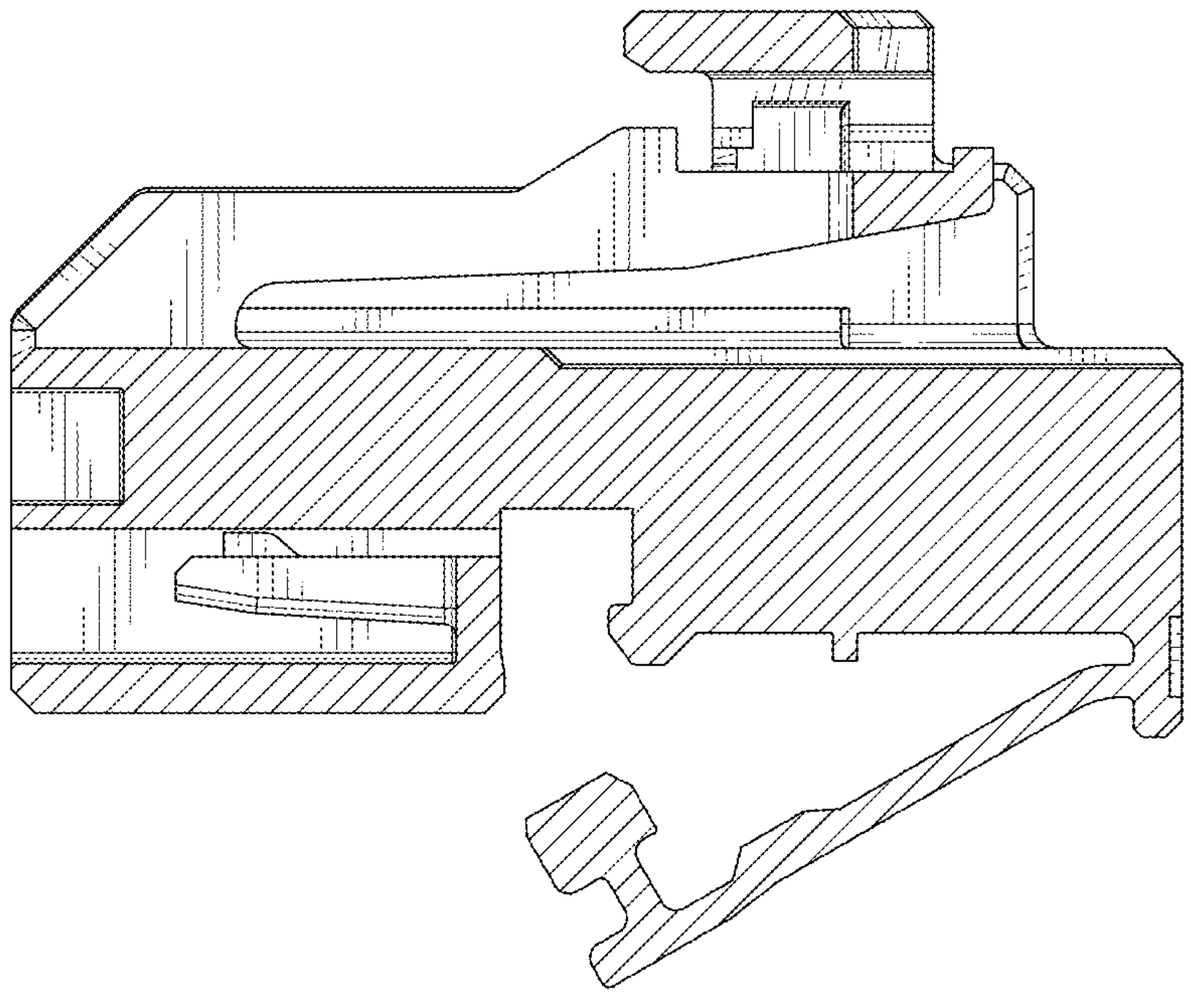


FIG. 7

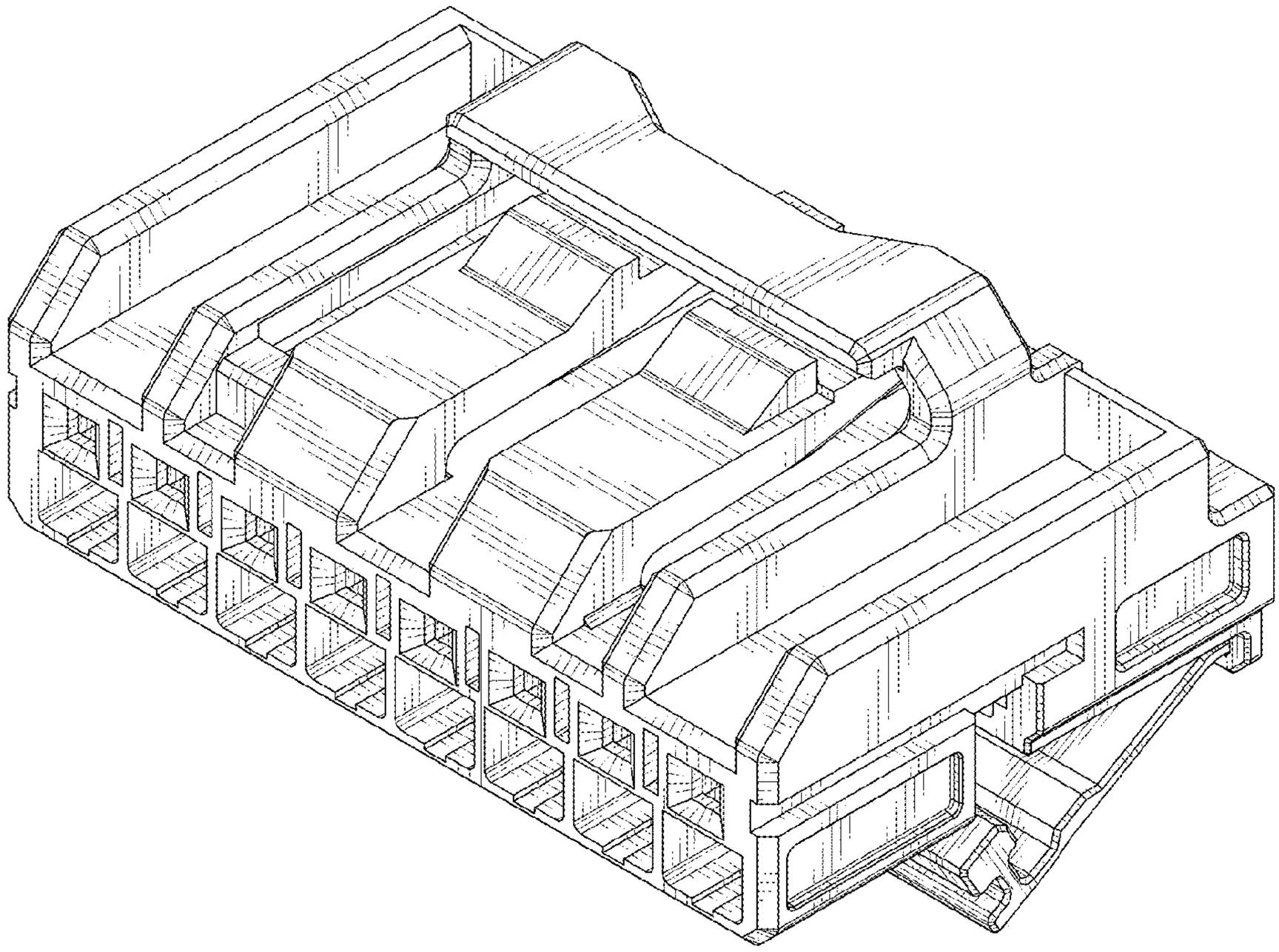


FIG. 8

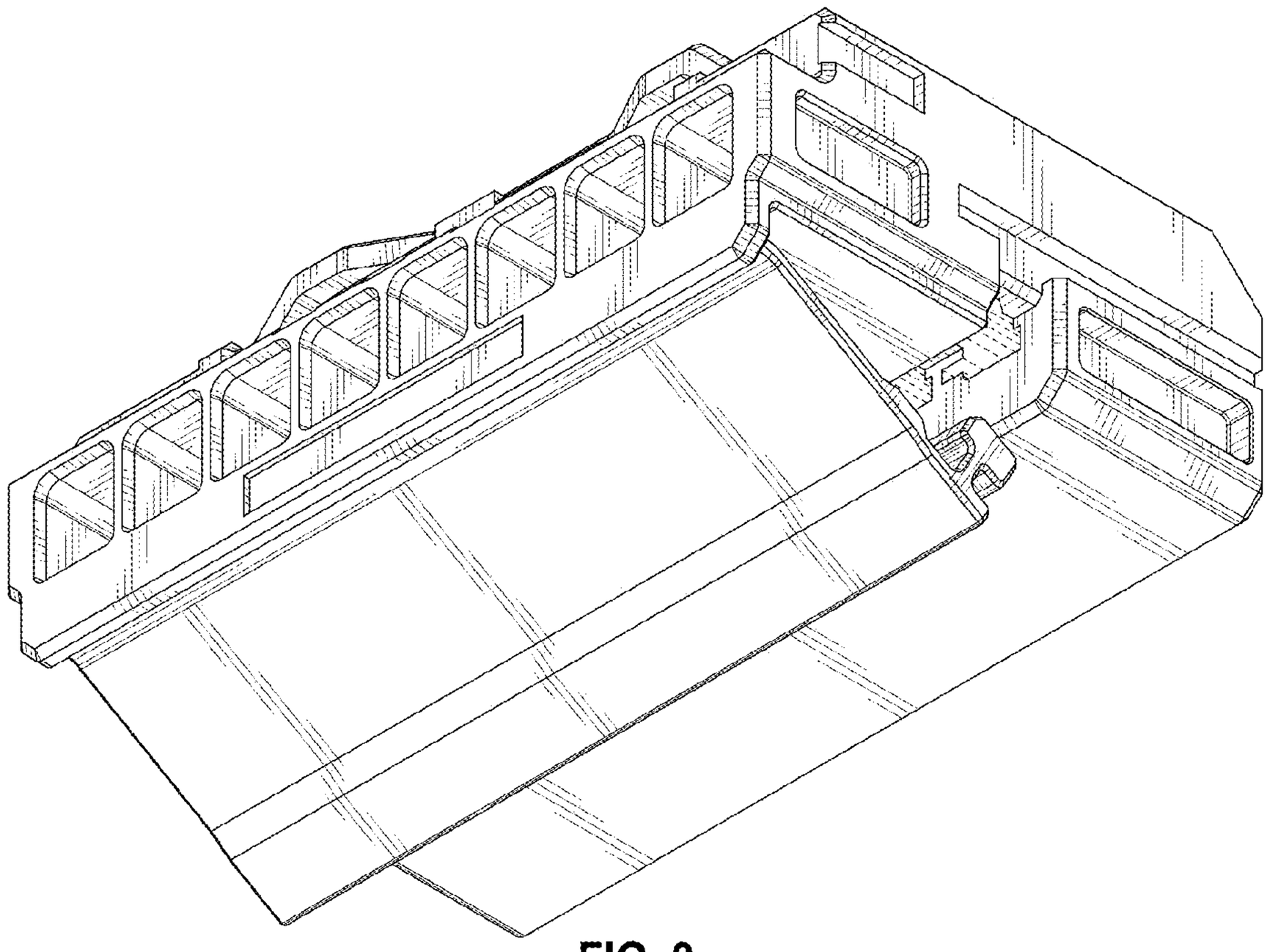


FIG. 9

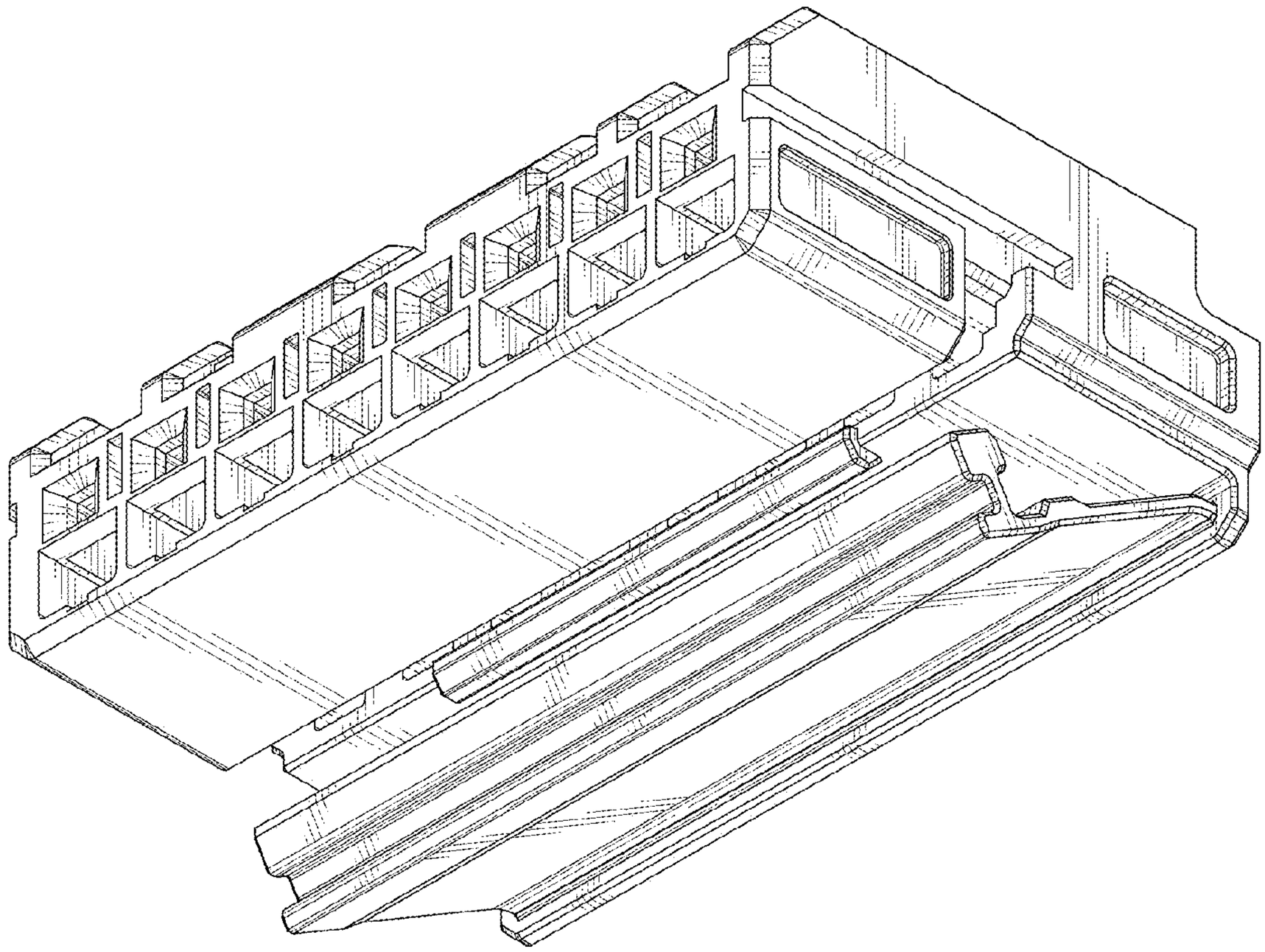


FIG. 10

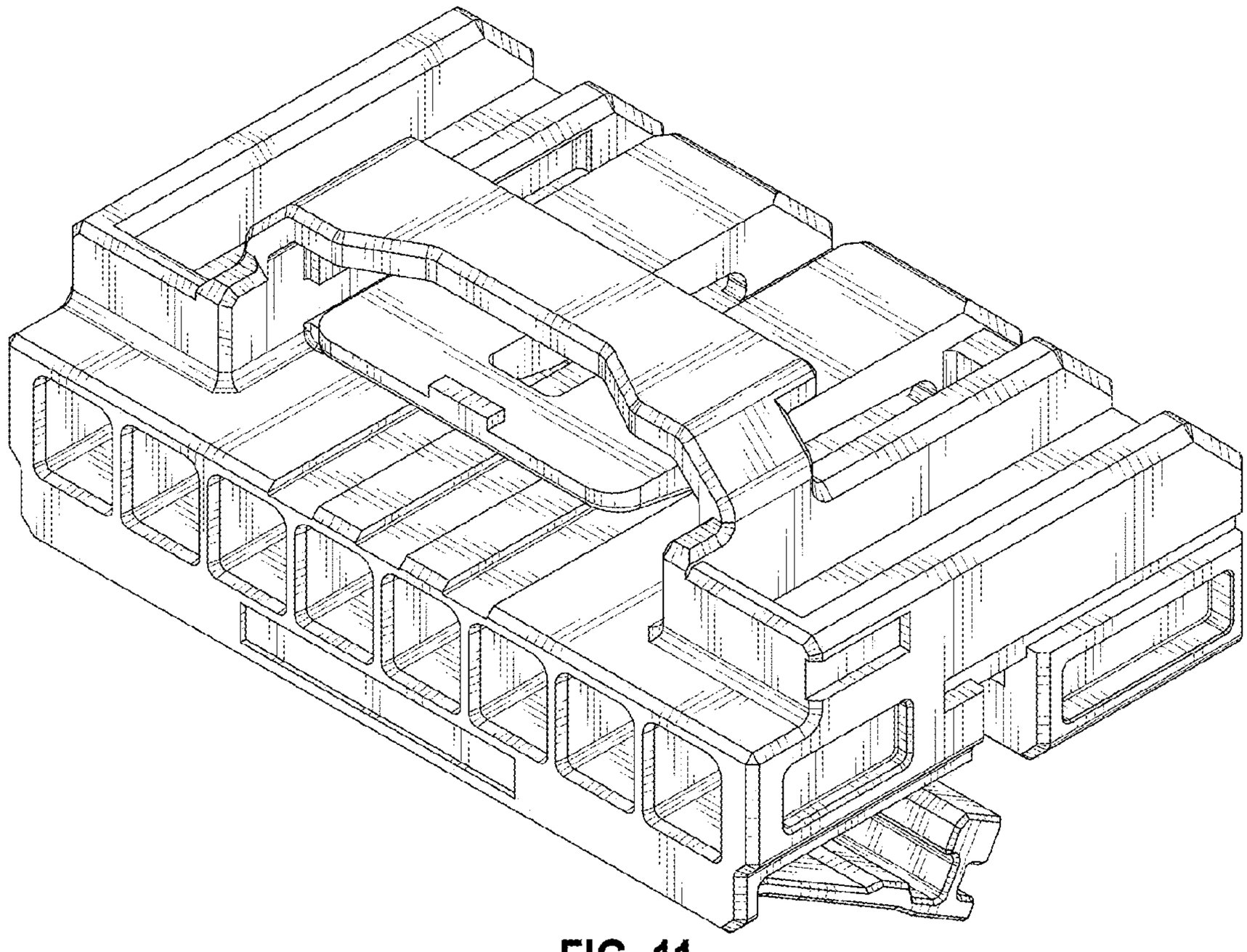


FIG. 11

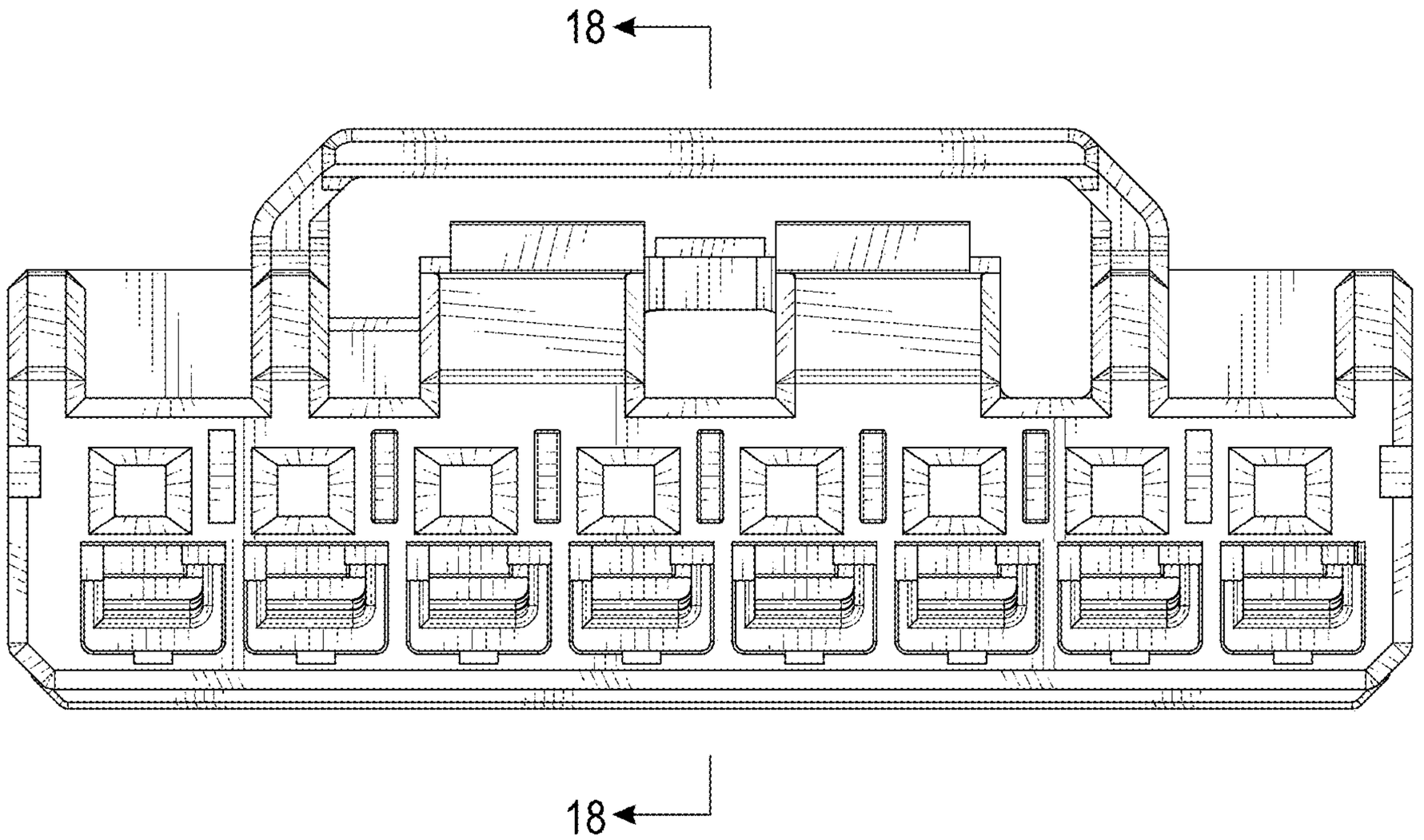


FIG. 12

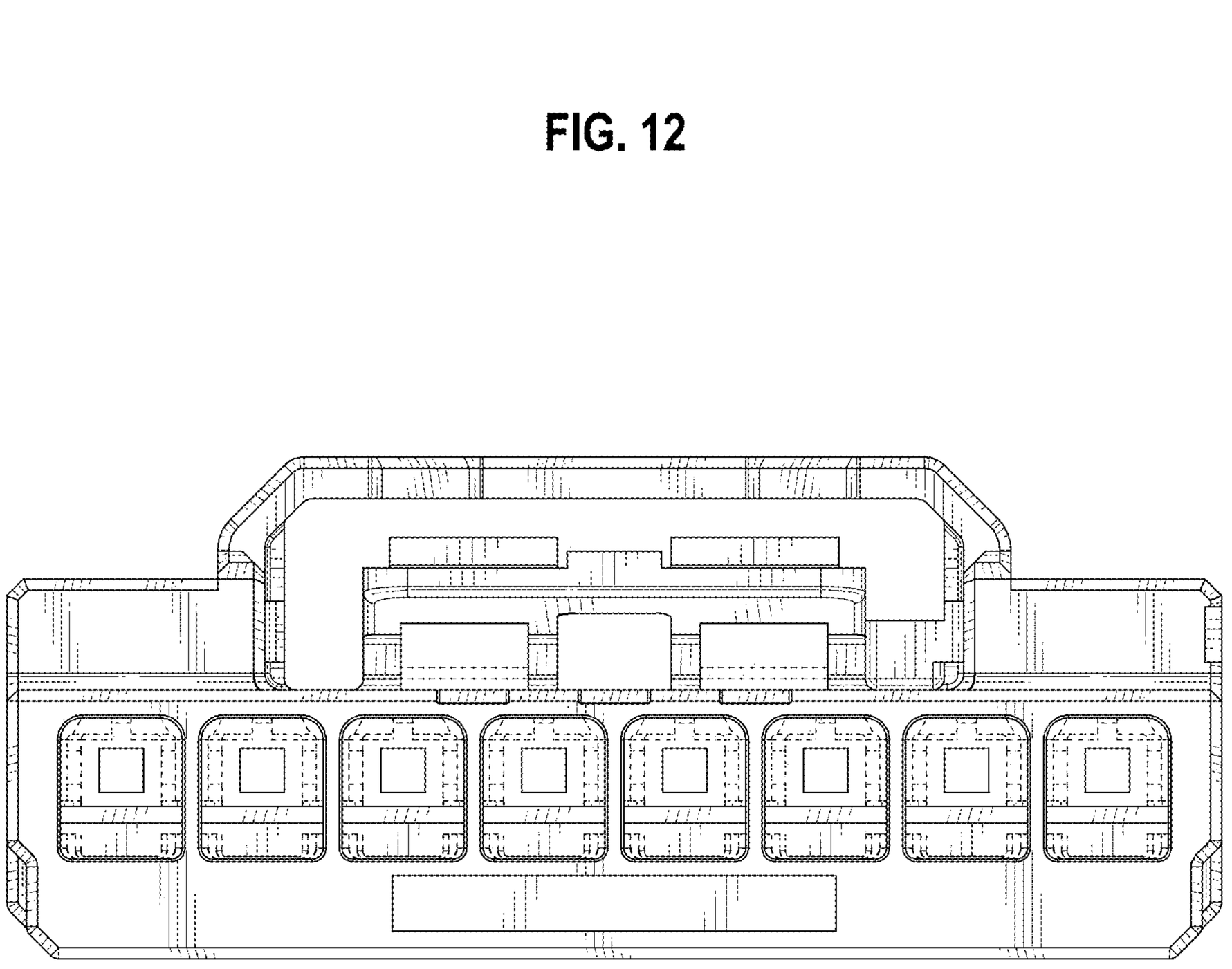


FIG. 13

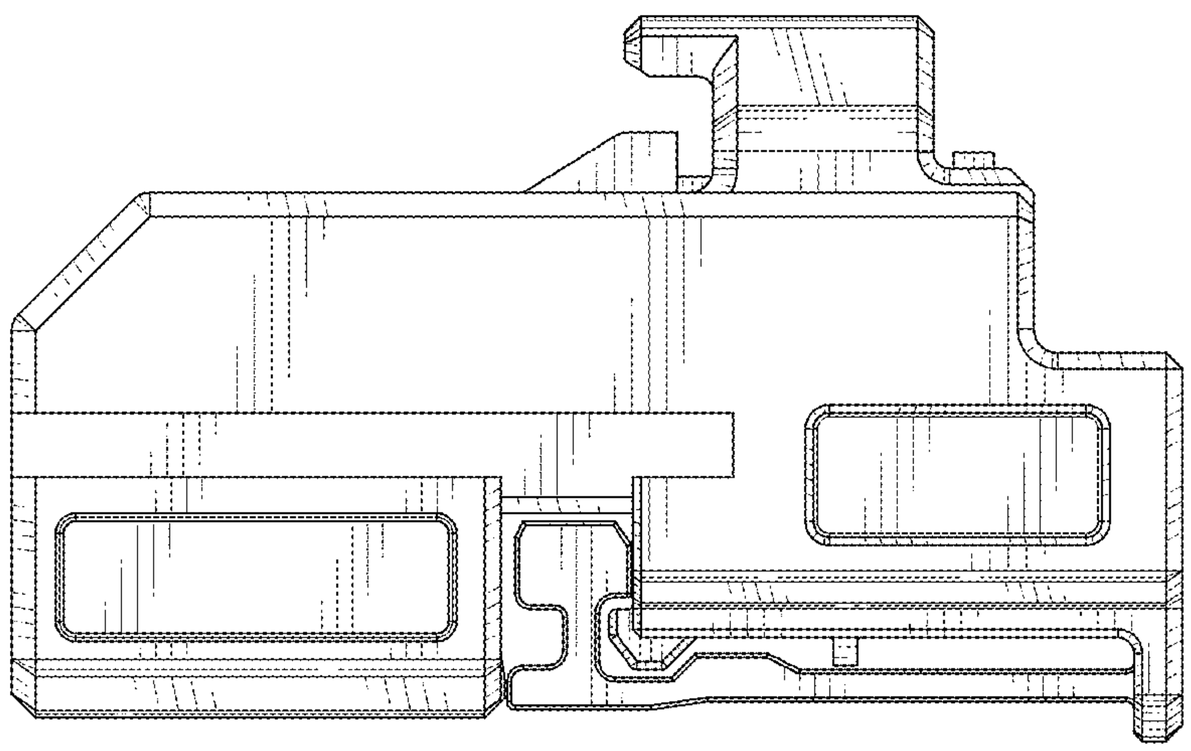


FIG. 14

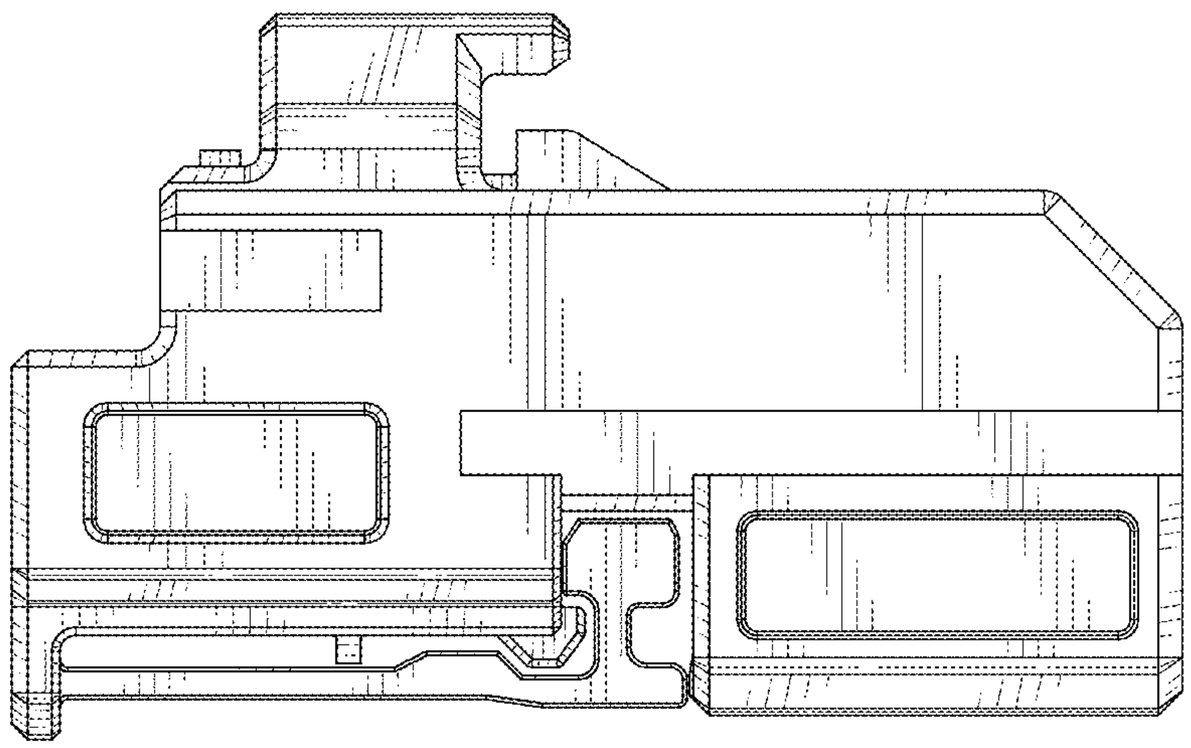


FIG. 15

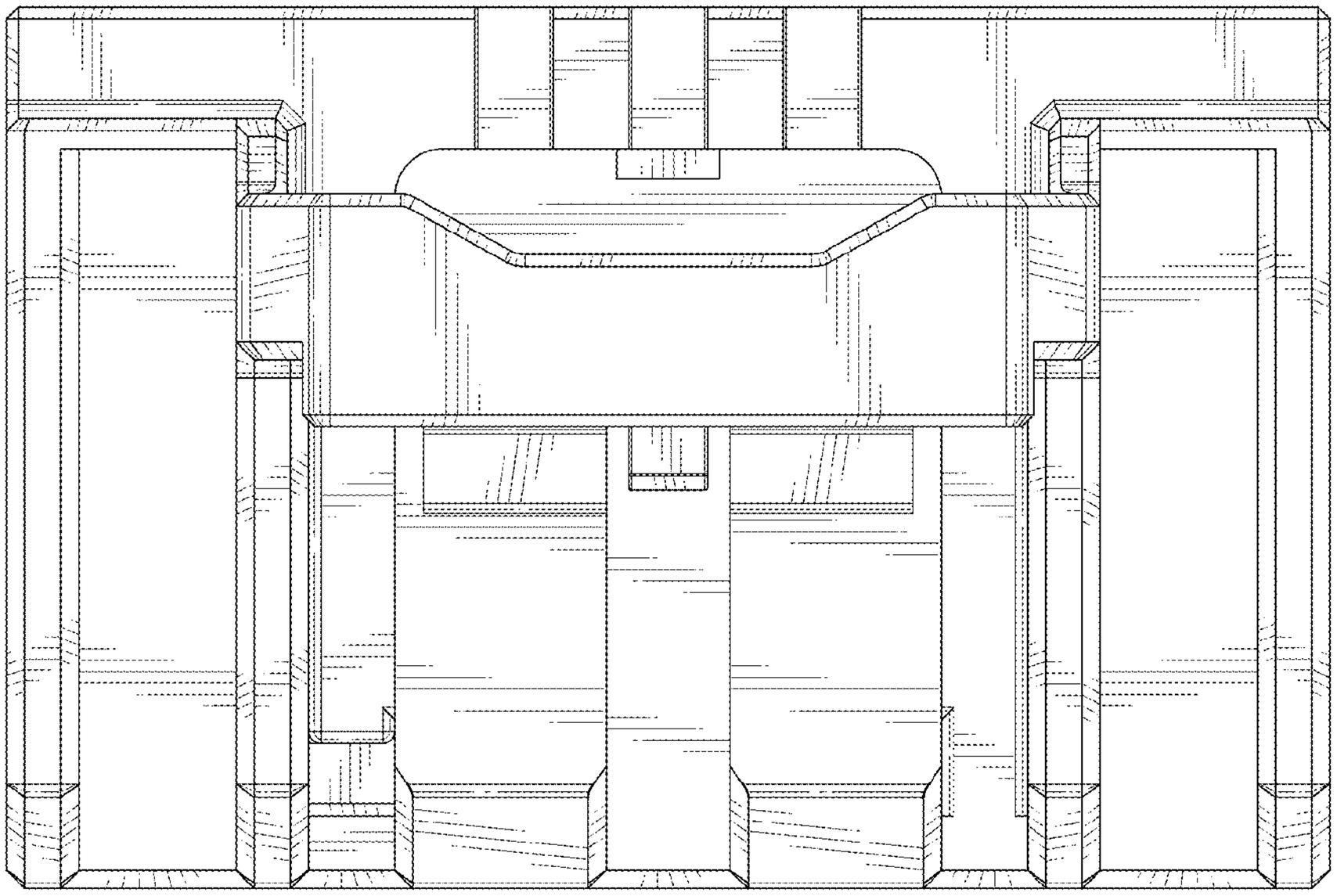


FIG. 16

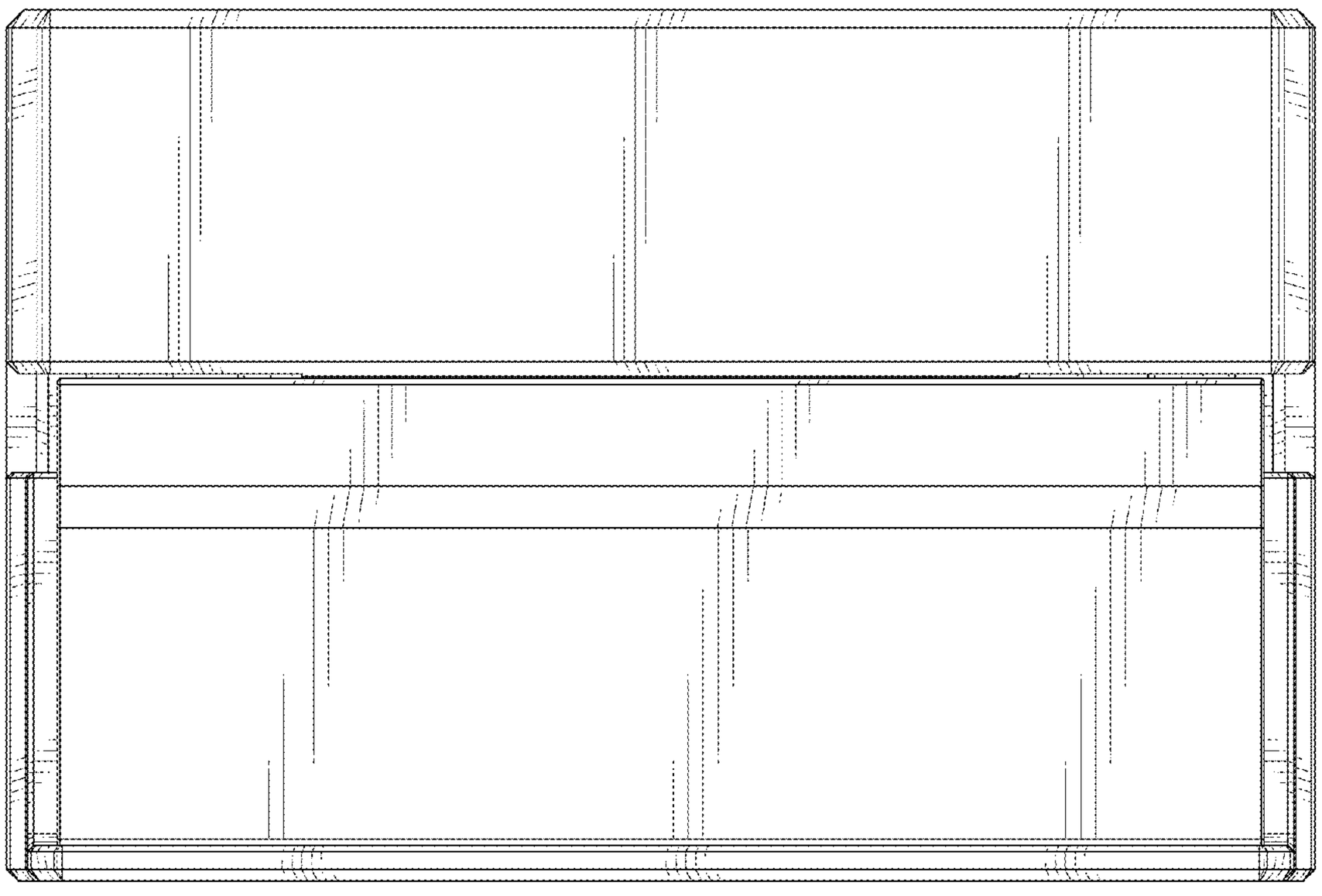


FIG. 17

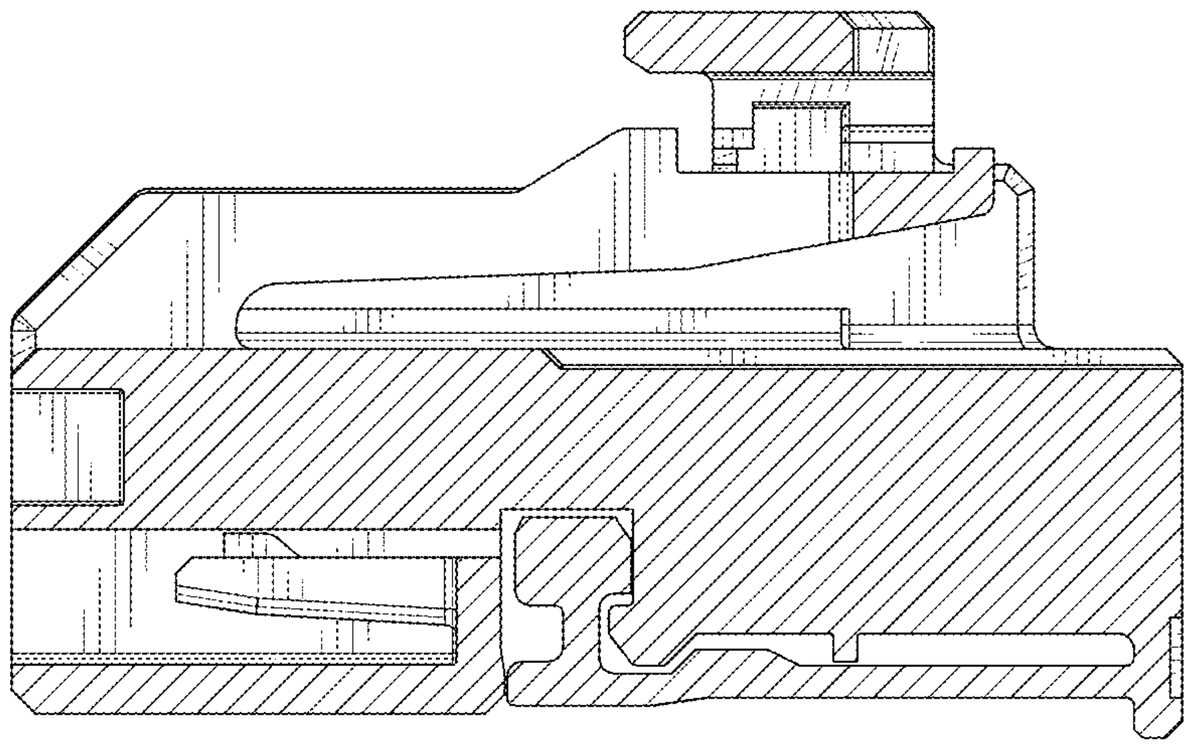


FIG. 18

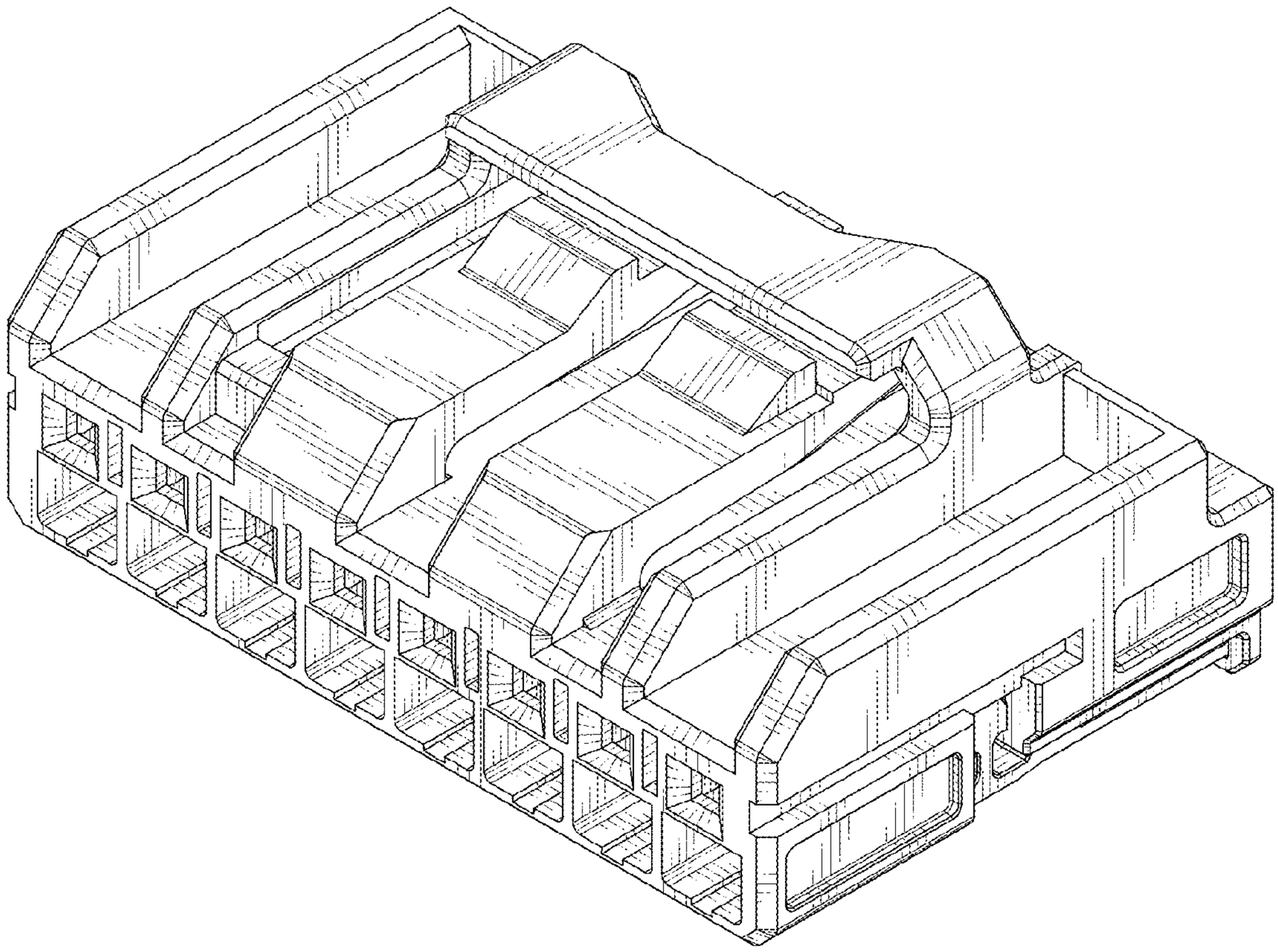


FIG. 19

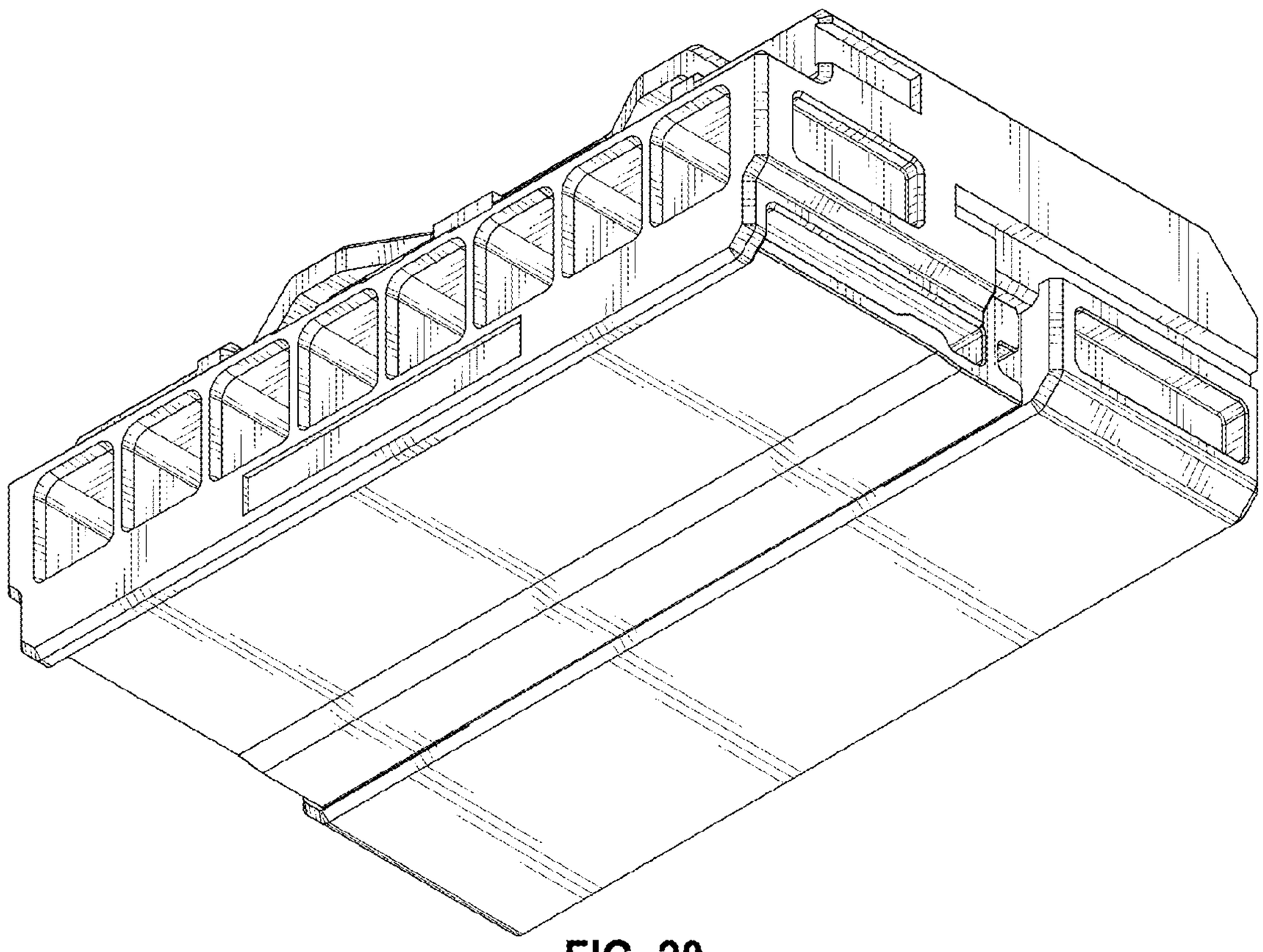


FIG. 20

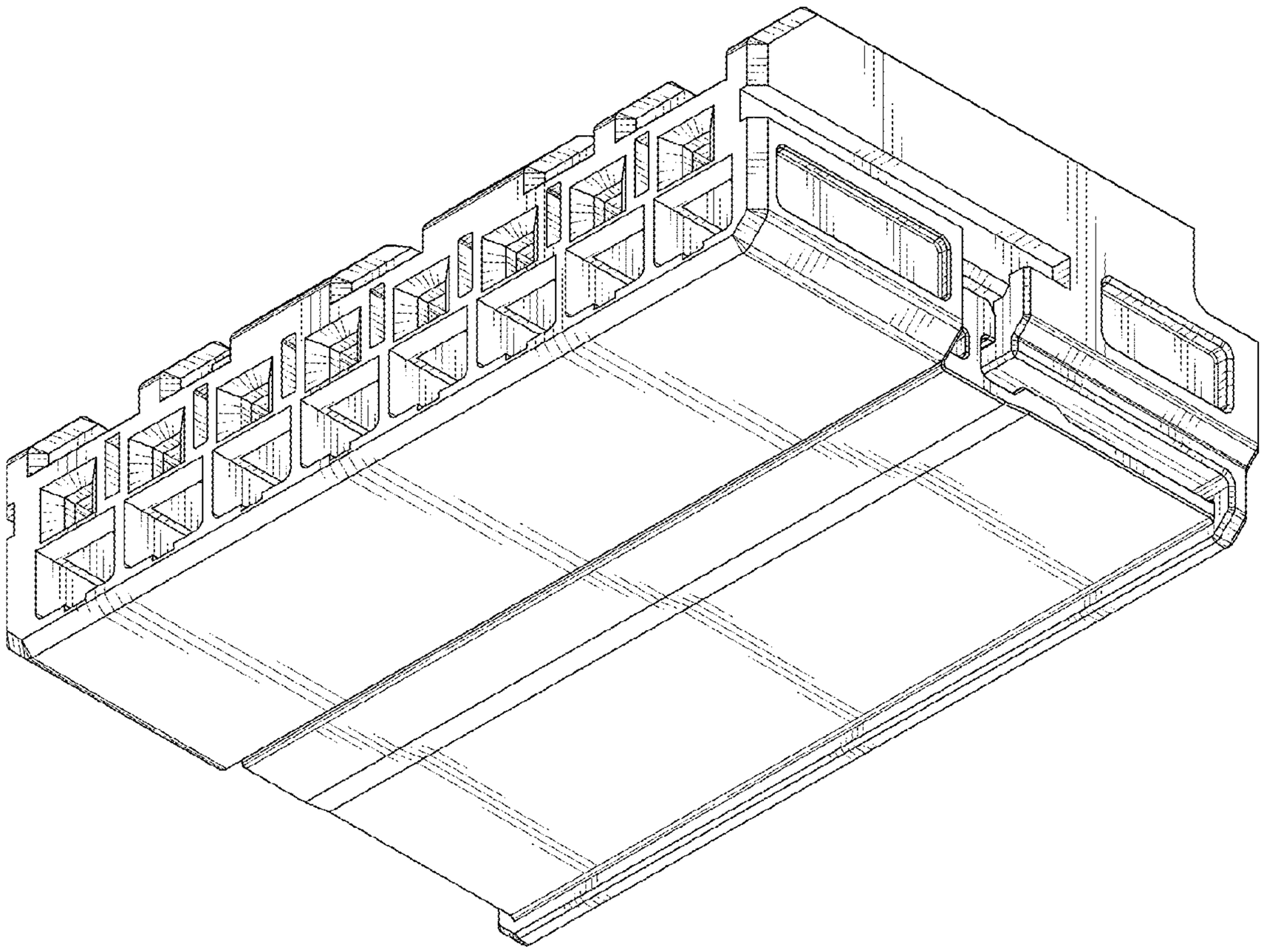


FIG. 21

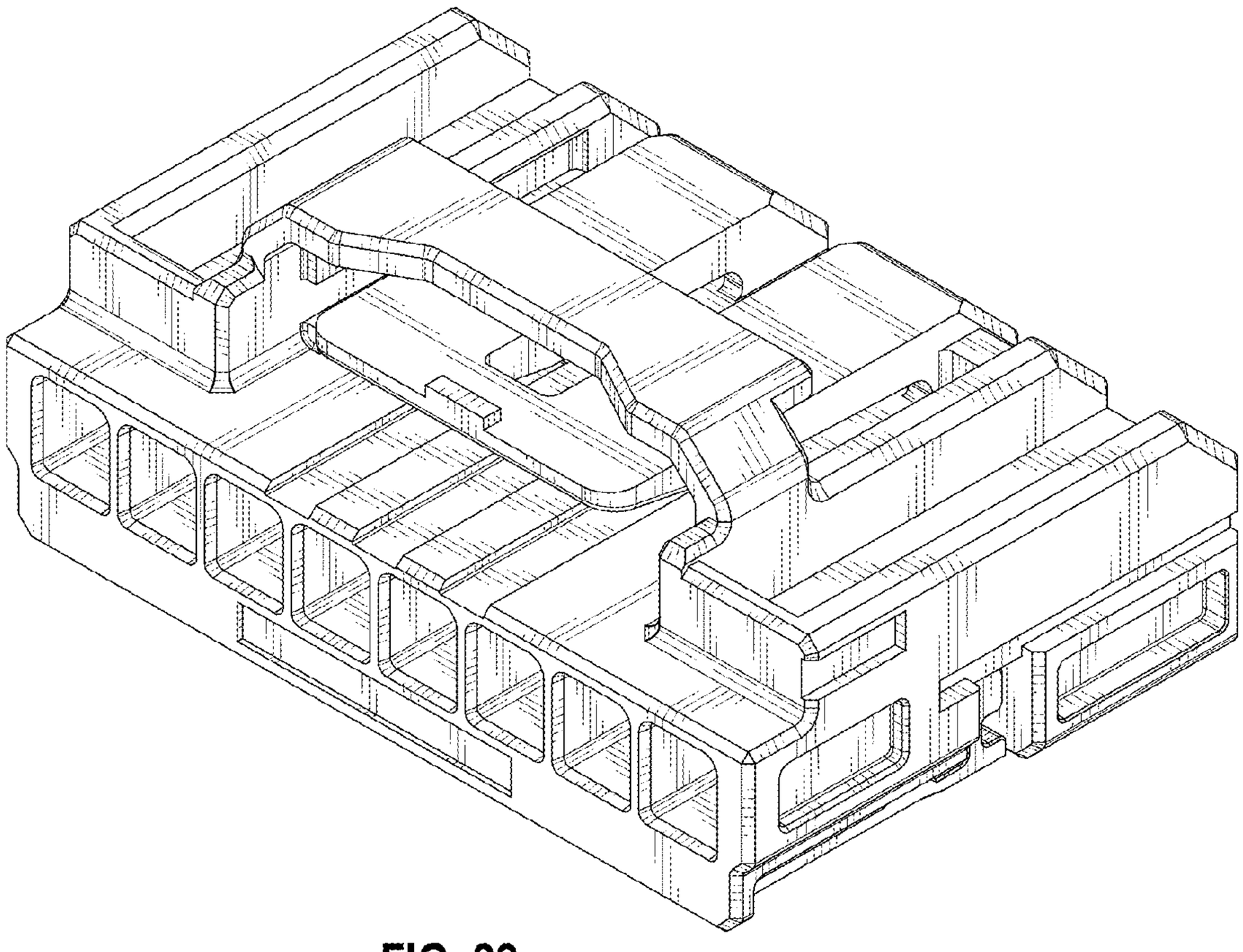


FIG. 22