



US00D957346S

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

(10) **Patent No.:** **US D957,346 S**  
(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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(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)

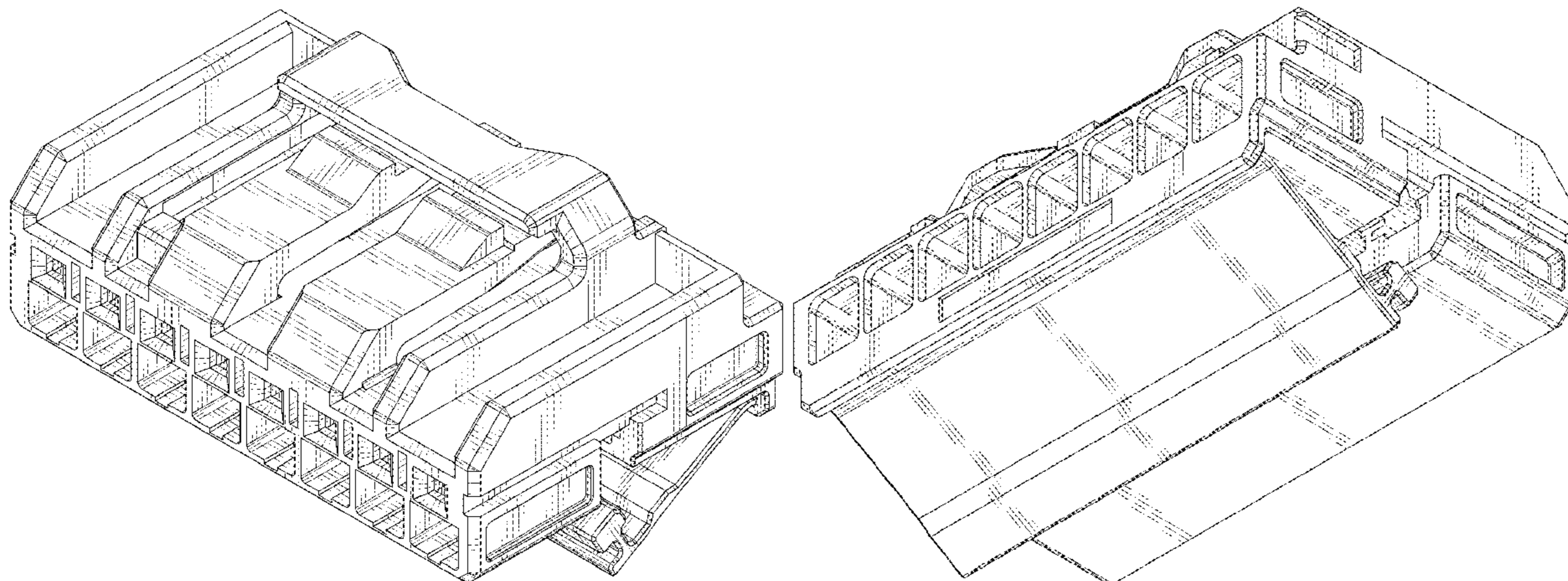


FIG. 13 is a rear elevational view thereof;  
FIG. 14 is a right side elevational view thereof;  
FIG. 15 is a left side elevational view thereof;  
FIG. 16 is a top plan view thereof;  
FIG. 17 is a bottom plan view thereof;  
FIG. 18 is a cross-sectional view thereof taken along a line  
**18-18** 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**



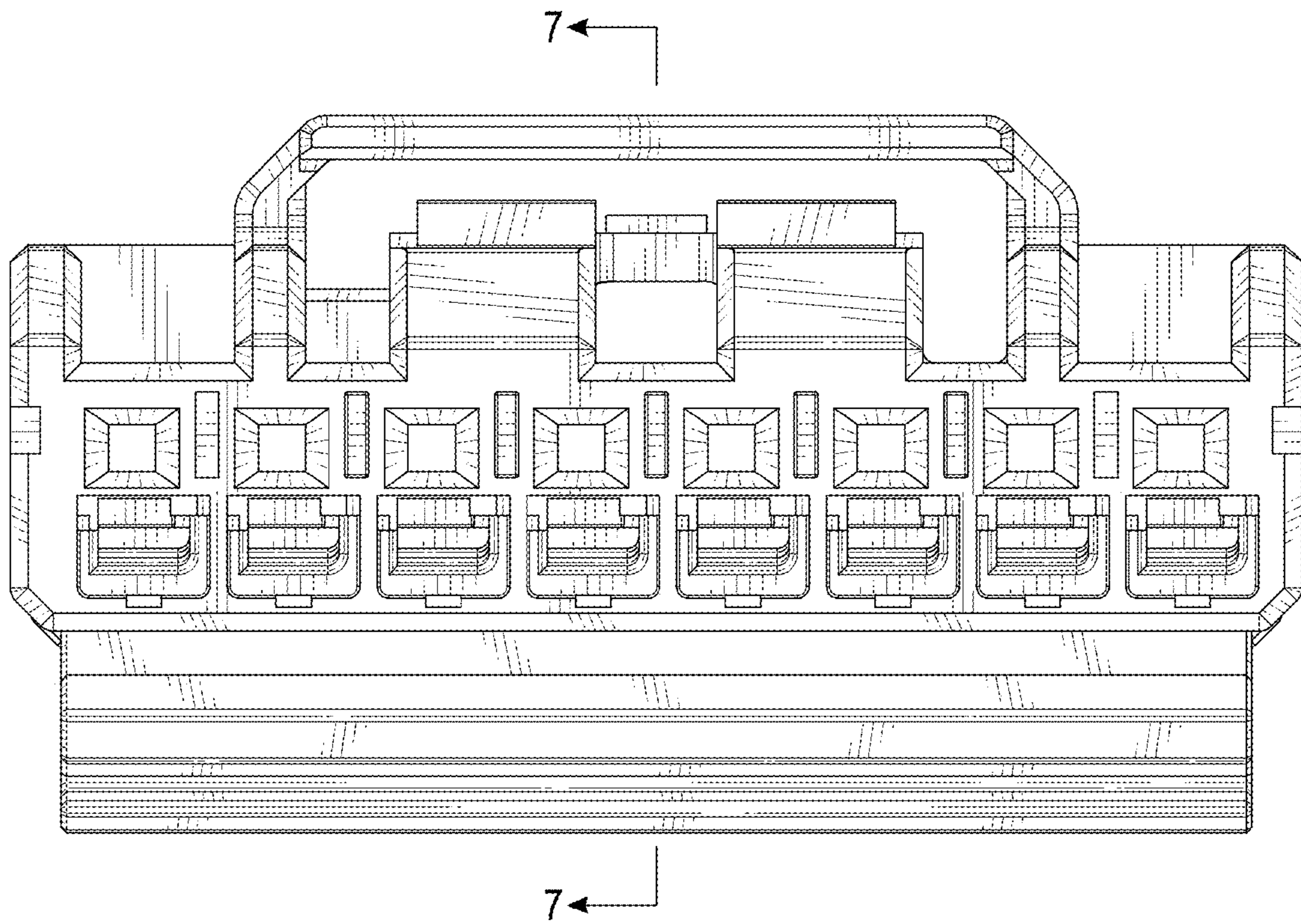


FIG. 1

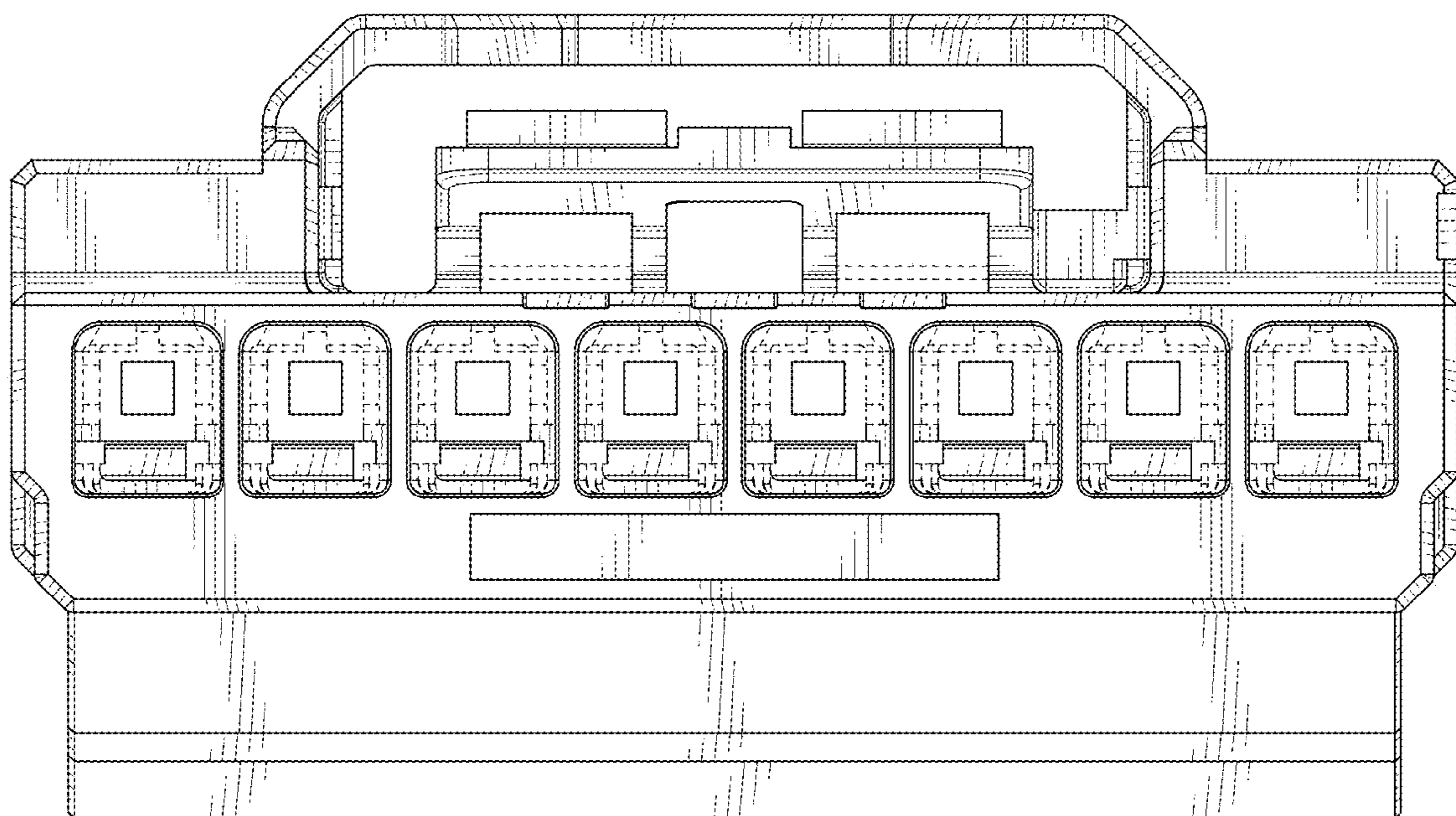


FIG. 2

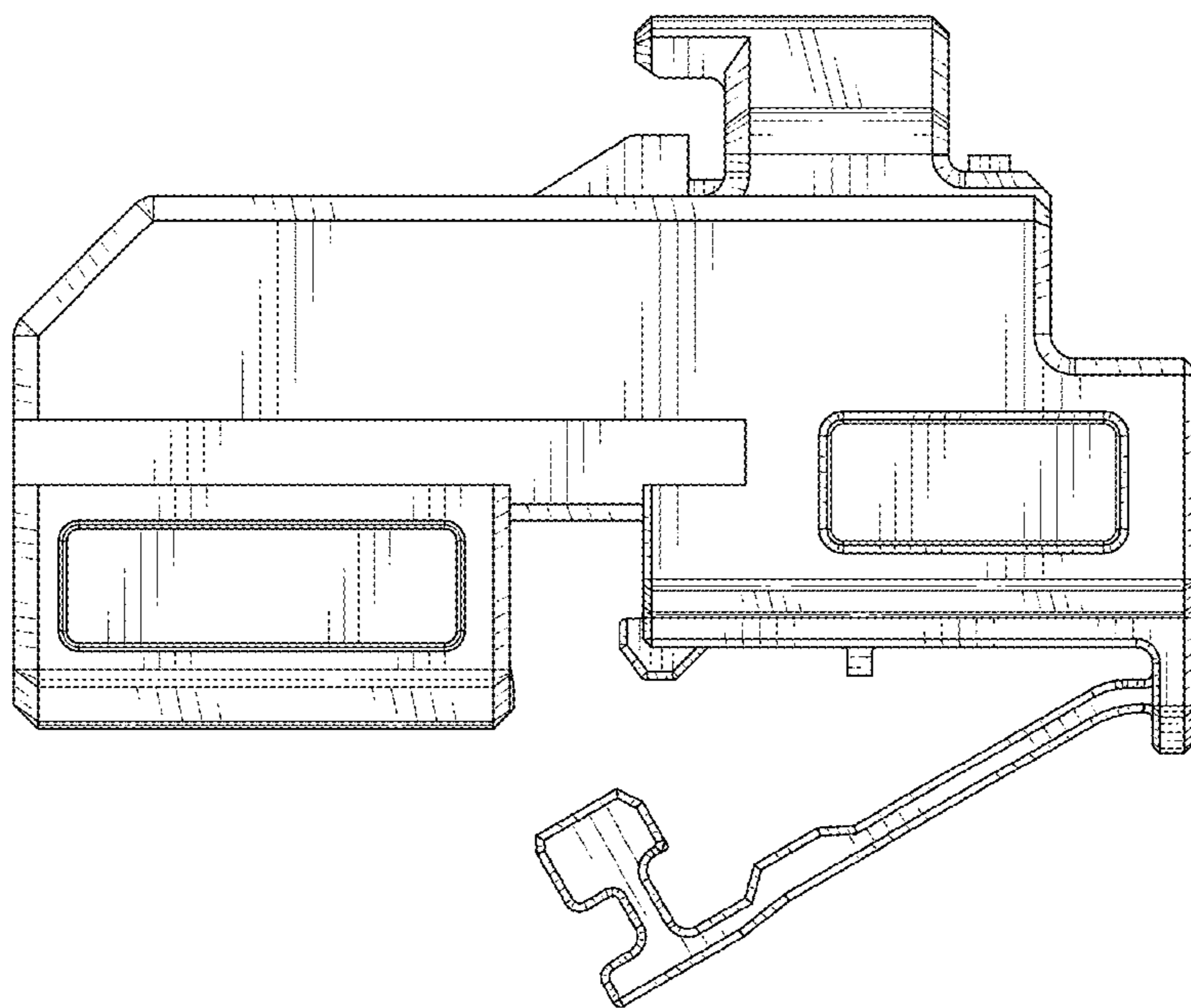


FIG. 3

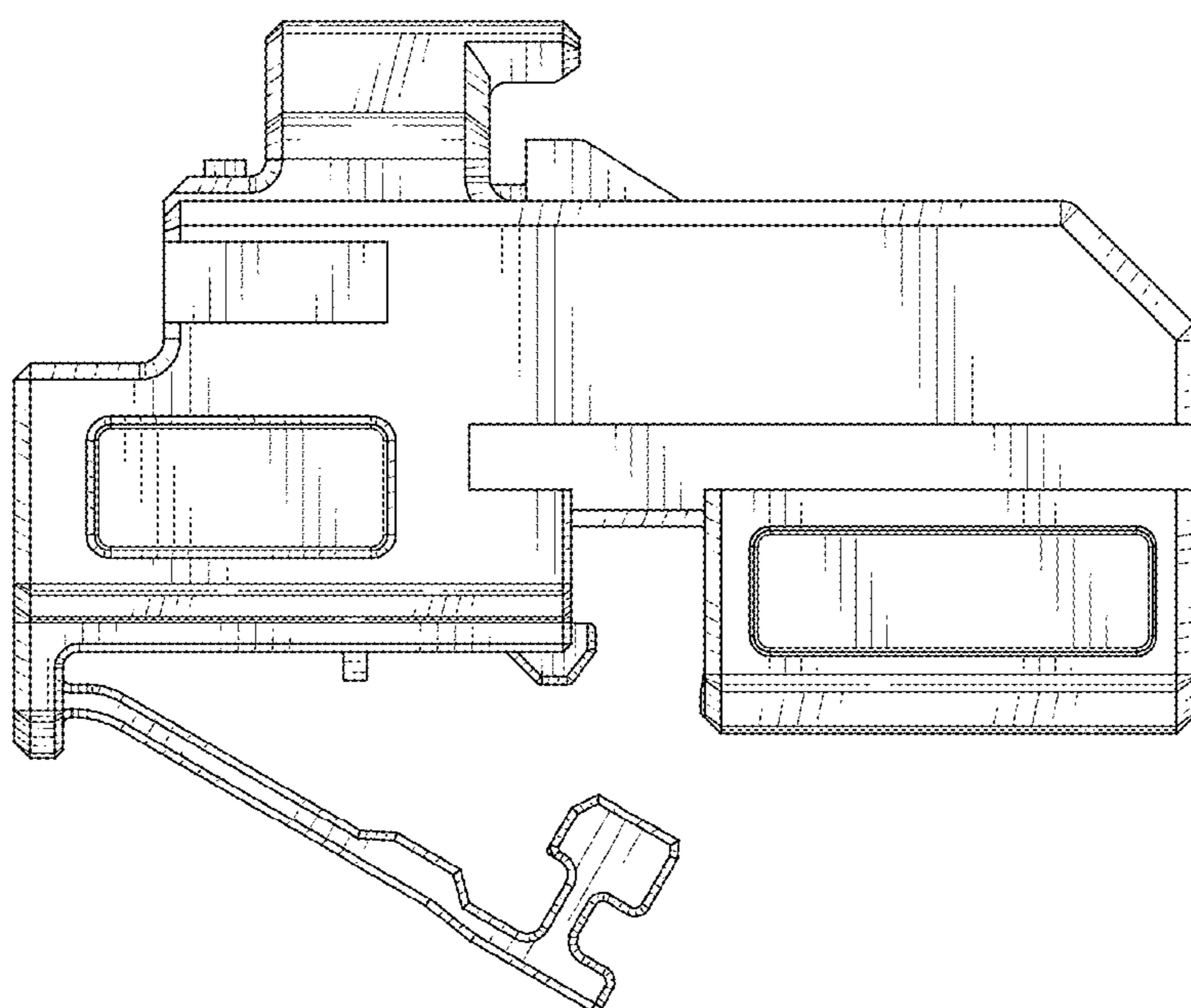


FIG. 4

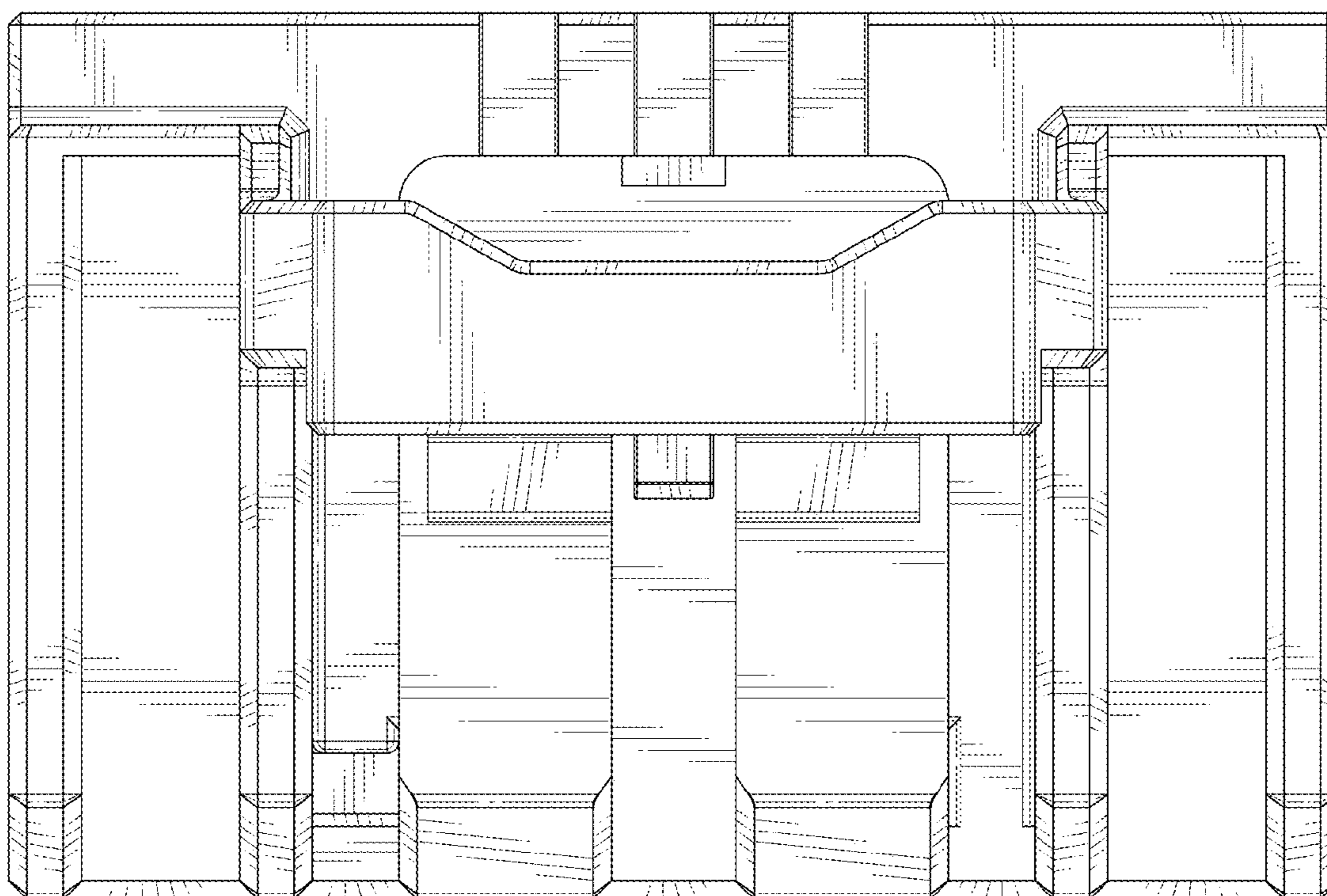


FIG. 5

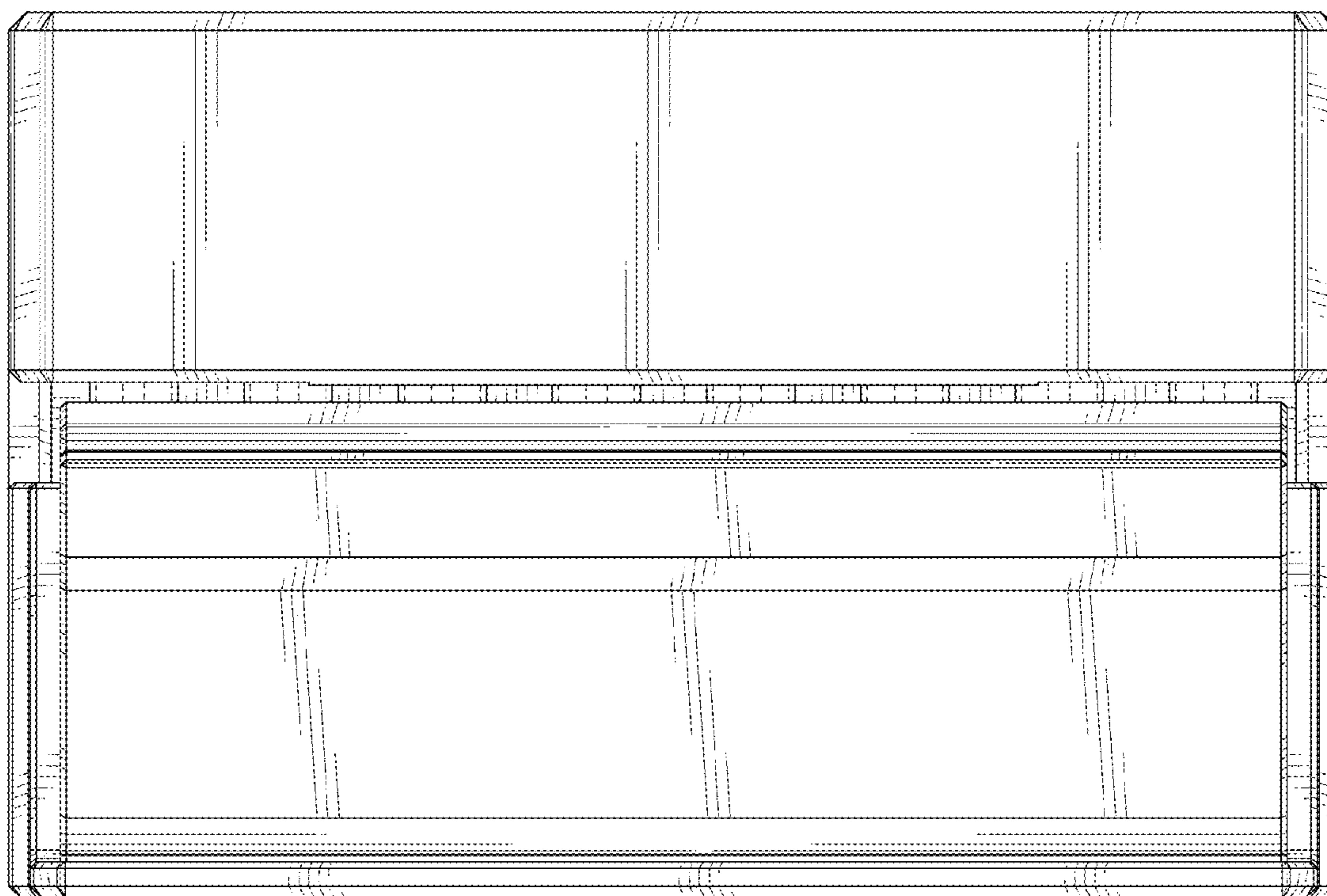


FIG. 6



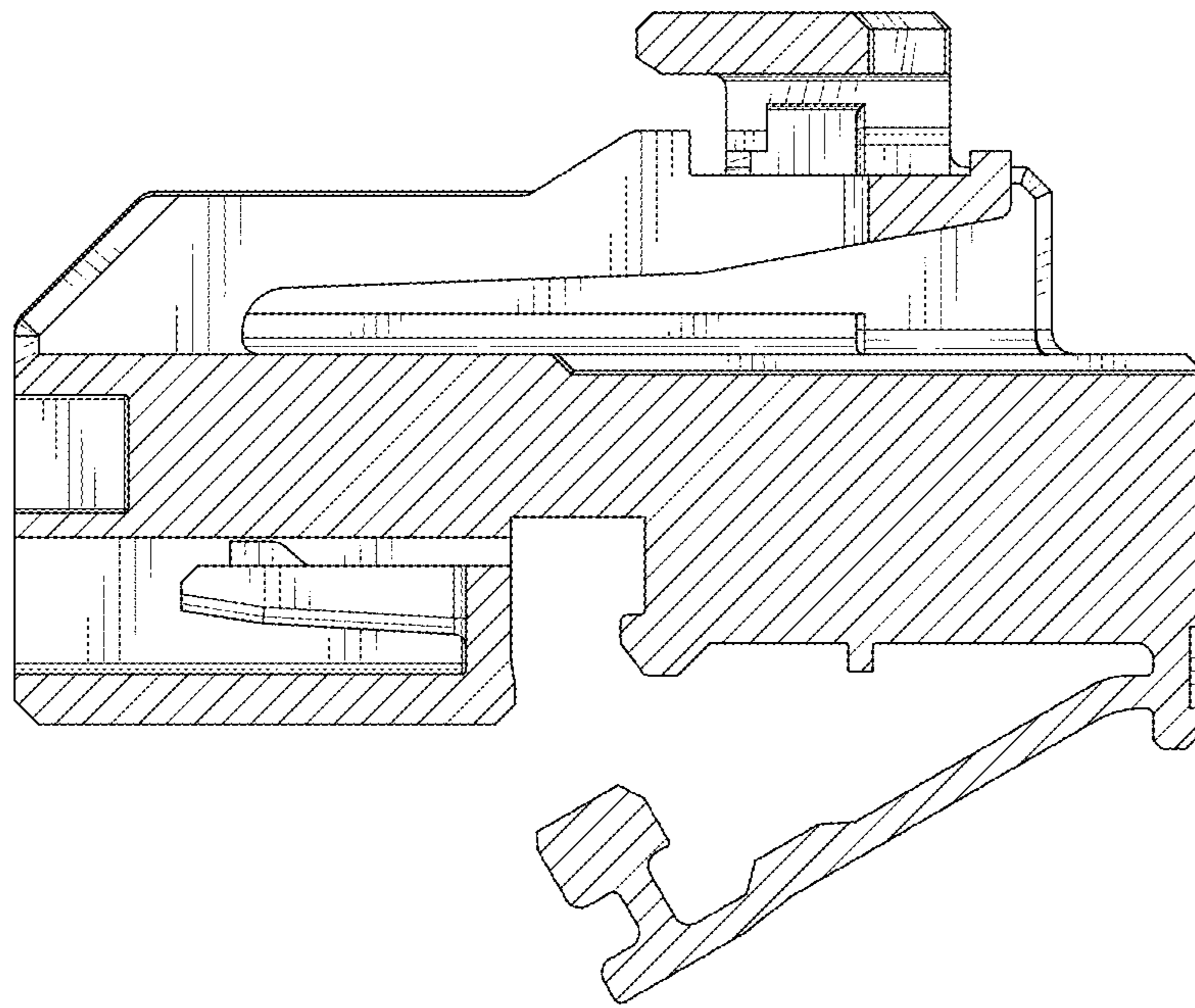


FIG. 7

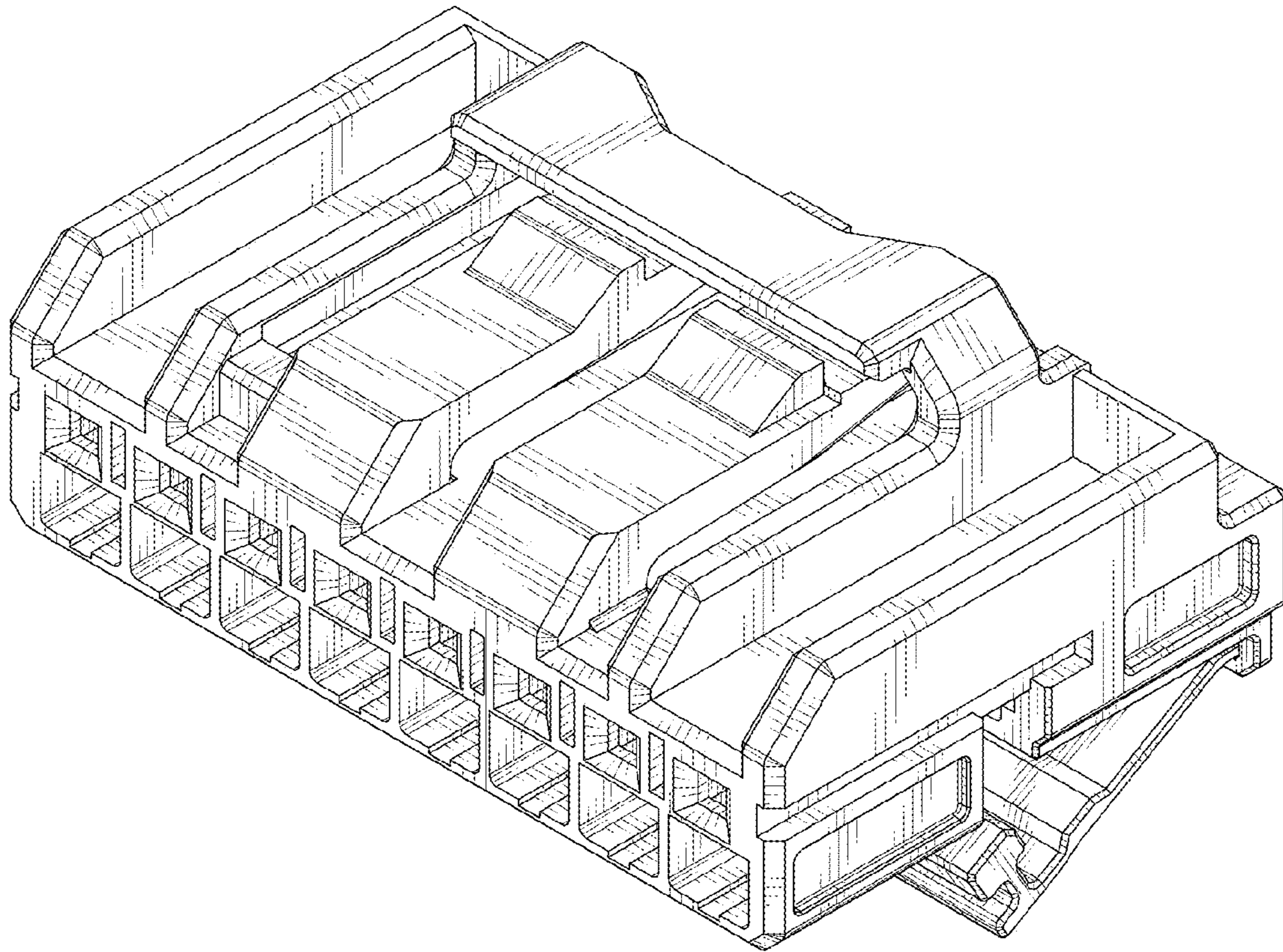


FIG. 8

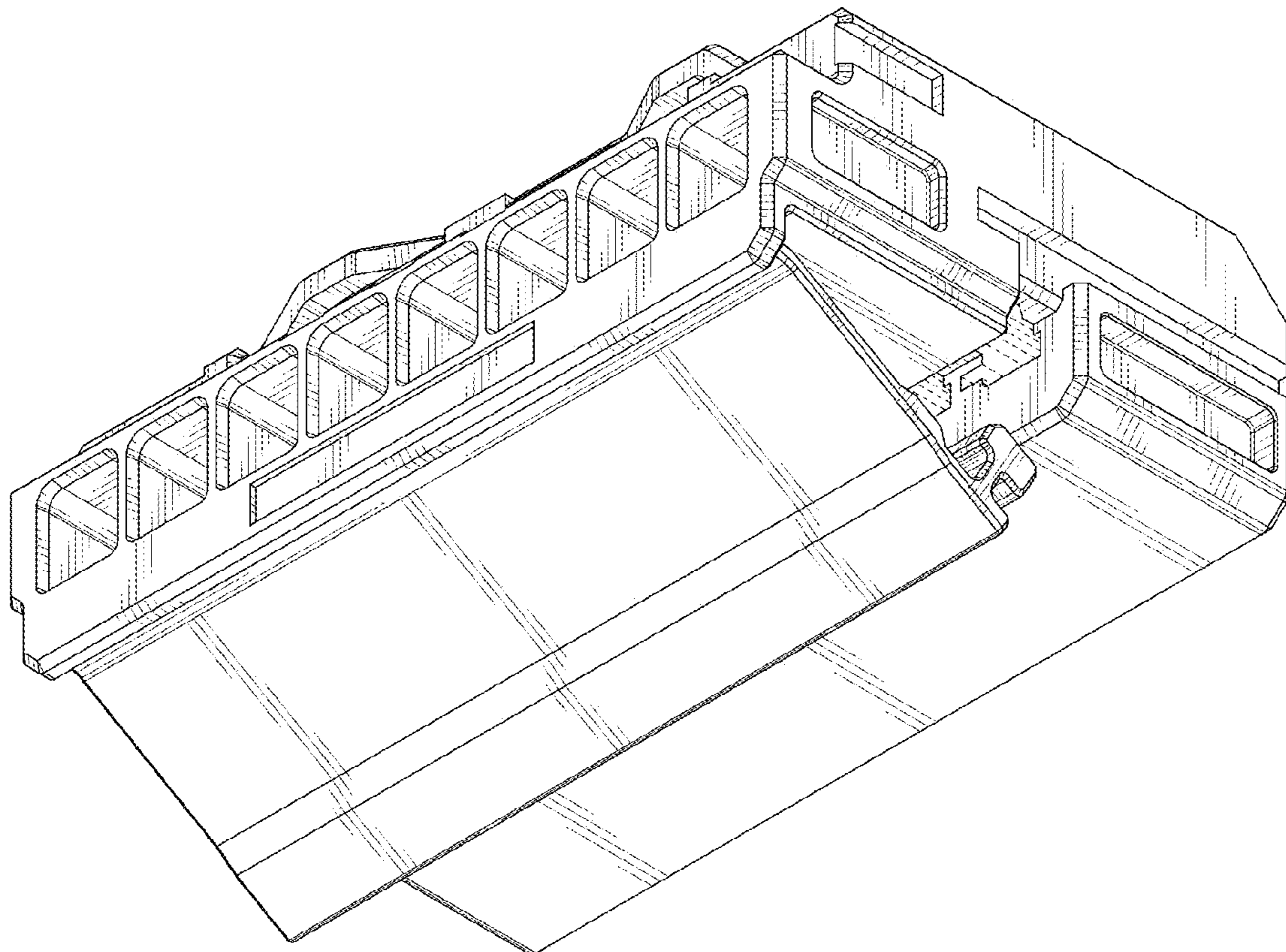


FIG. 9



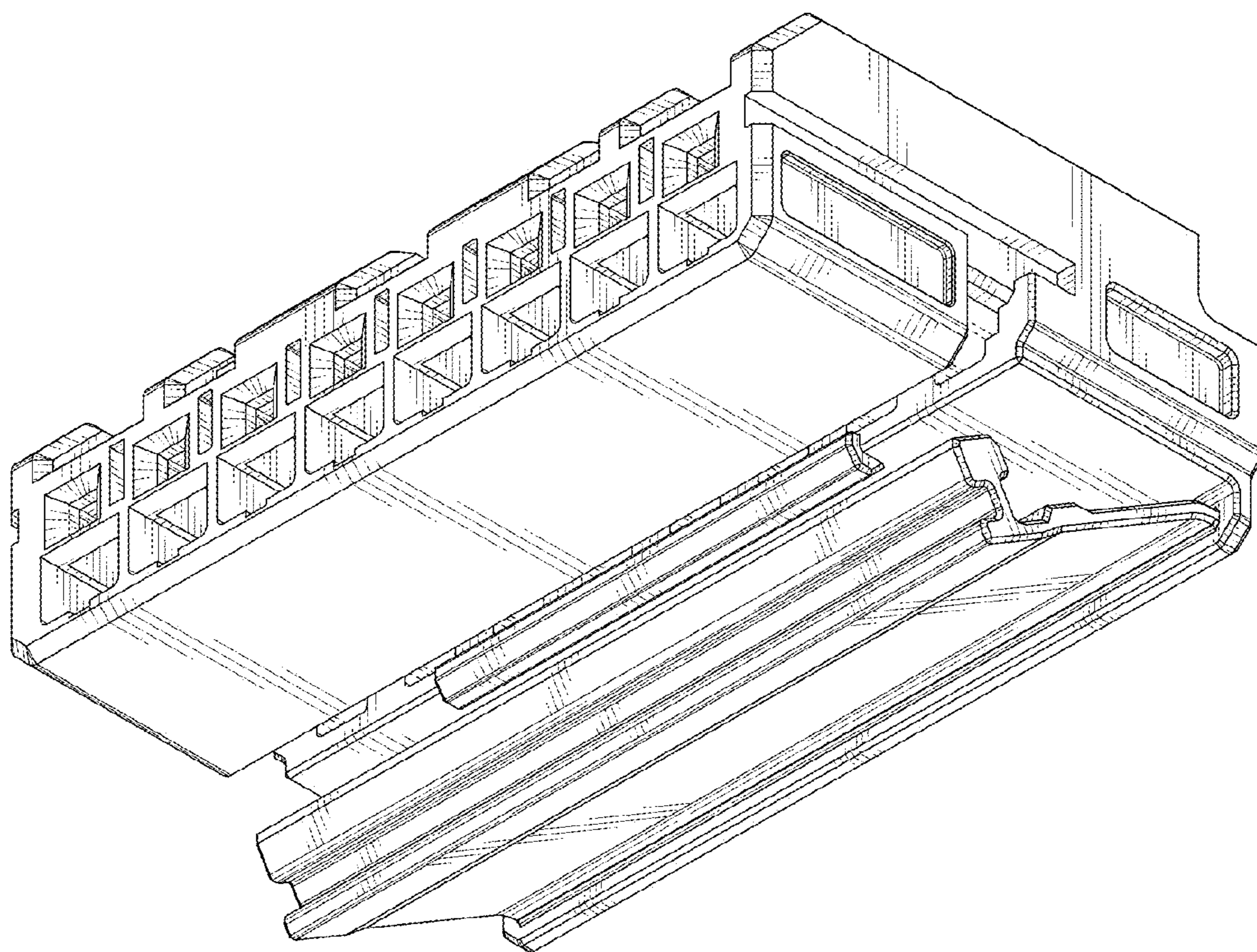


FIG. 10

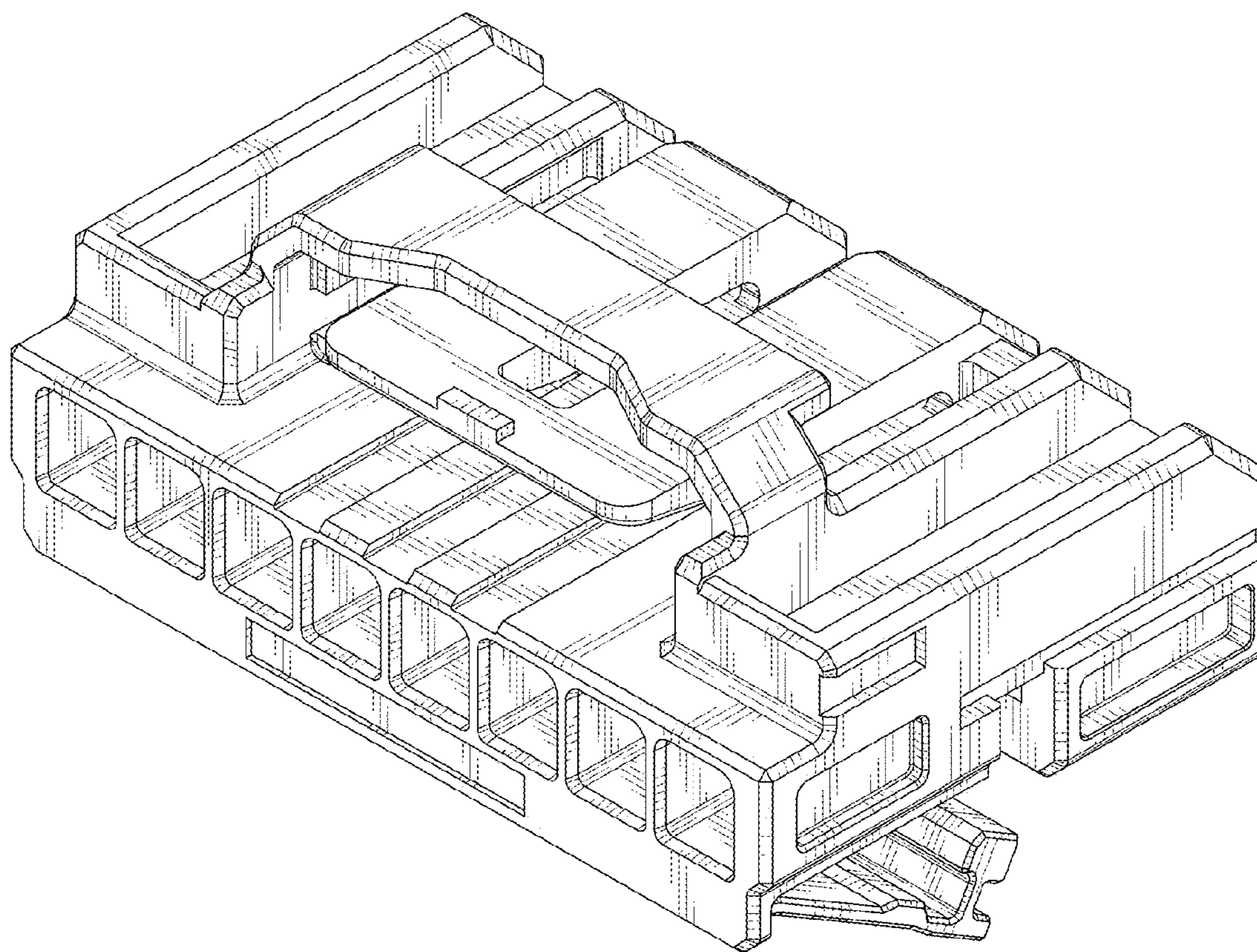


FIG. 11



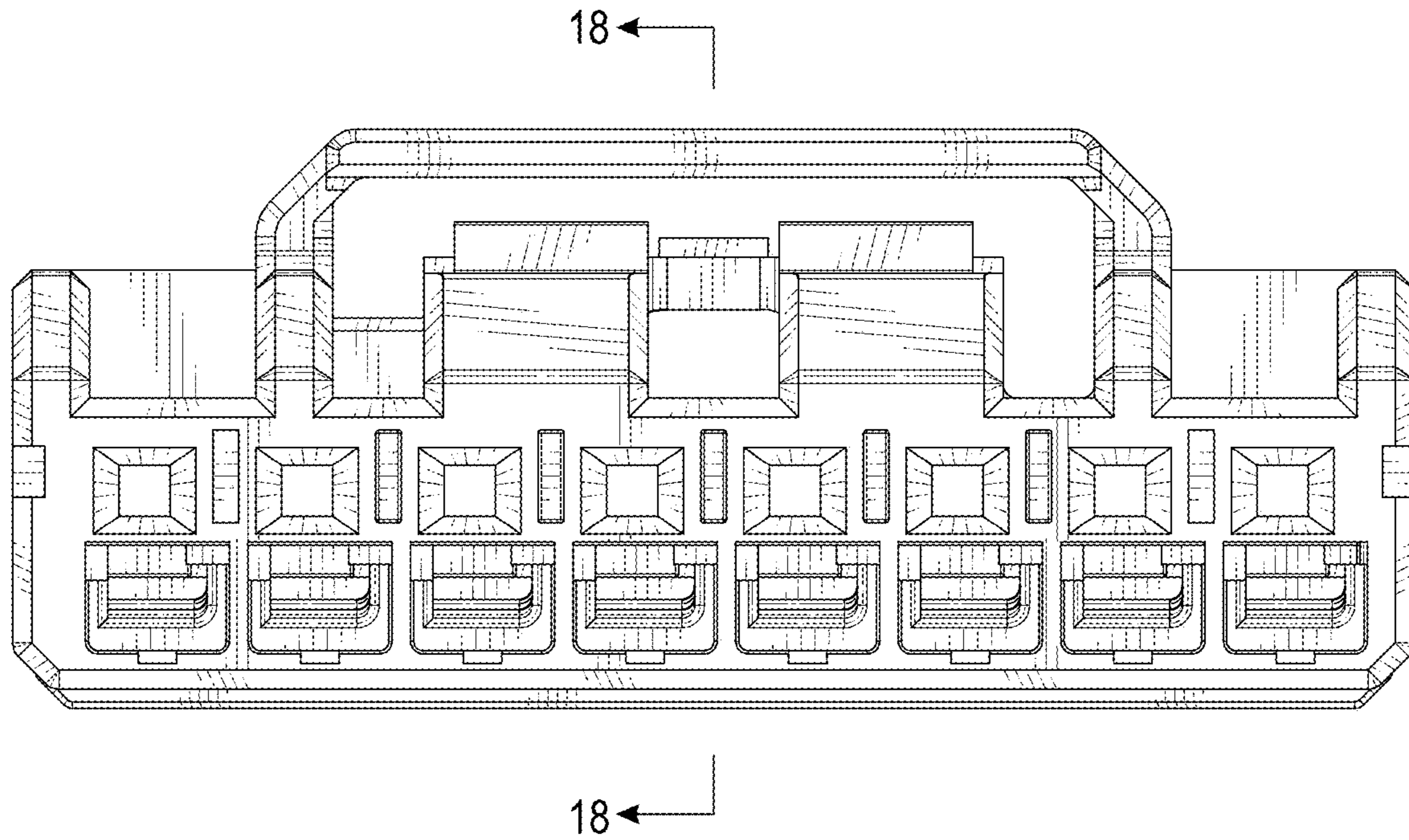


FIG. 12

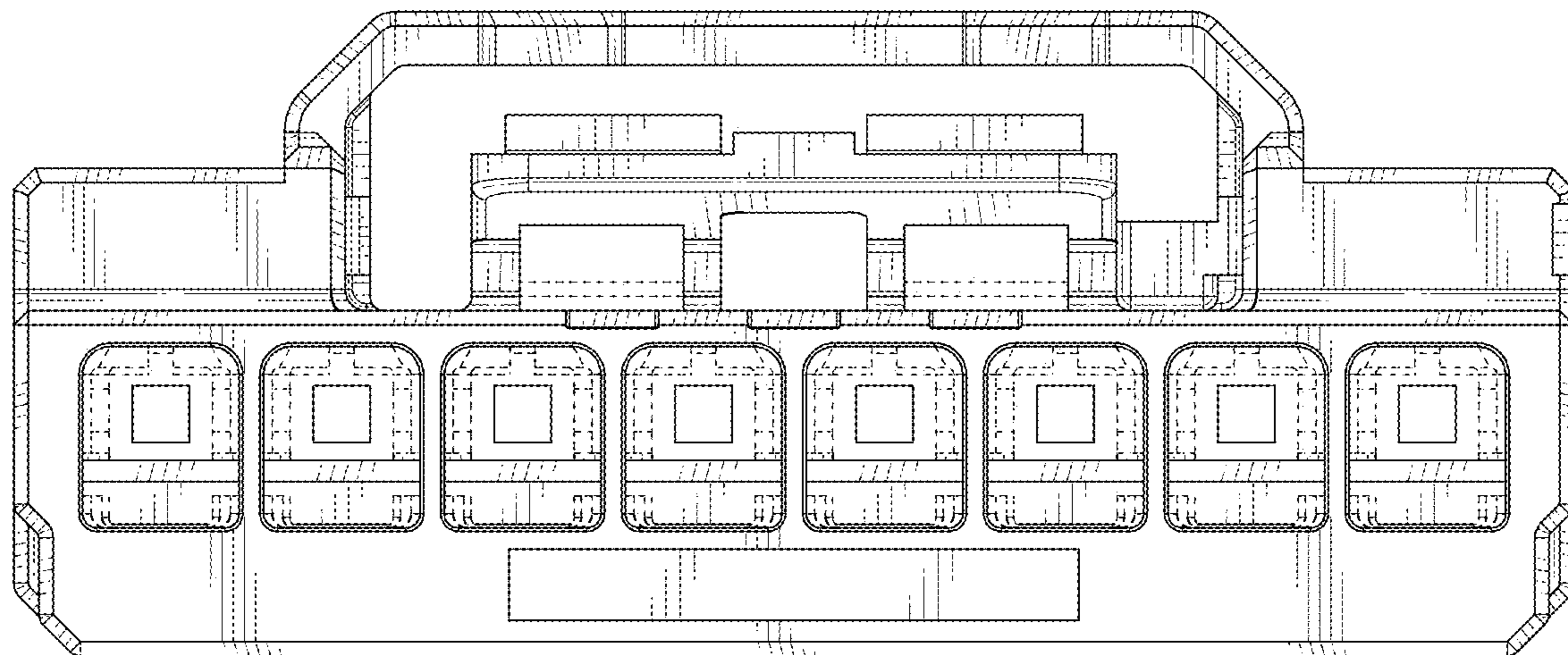


FIG. 13

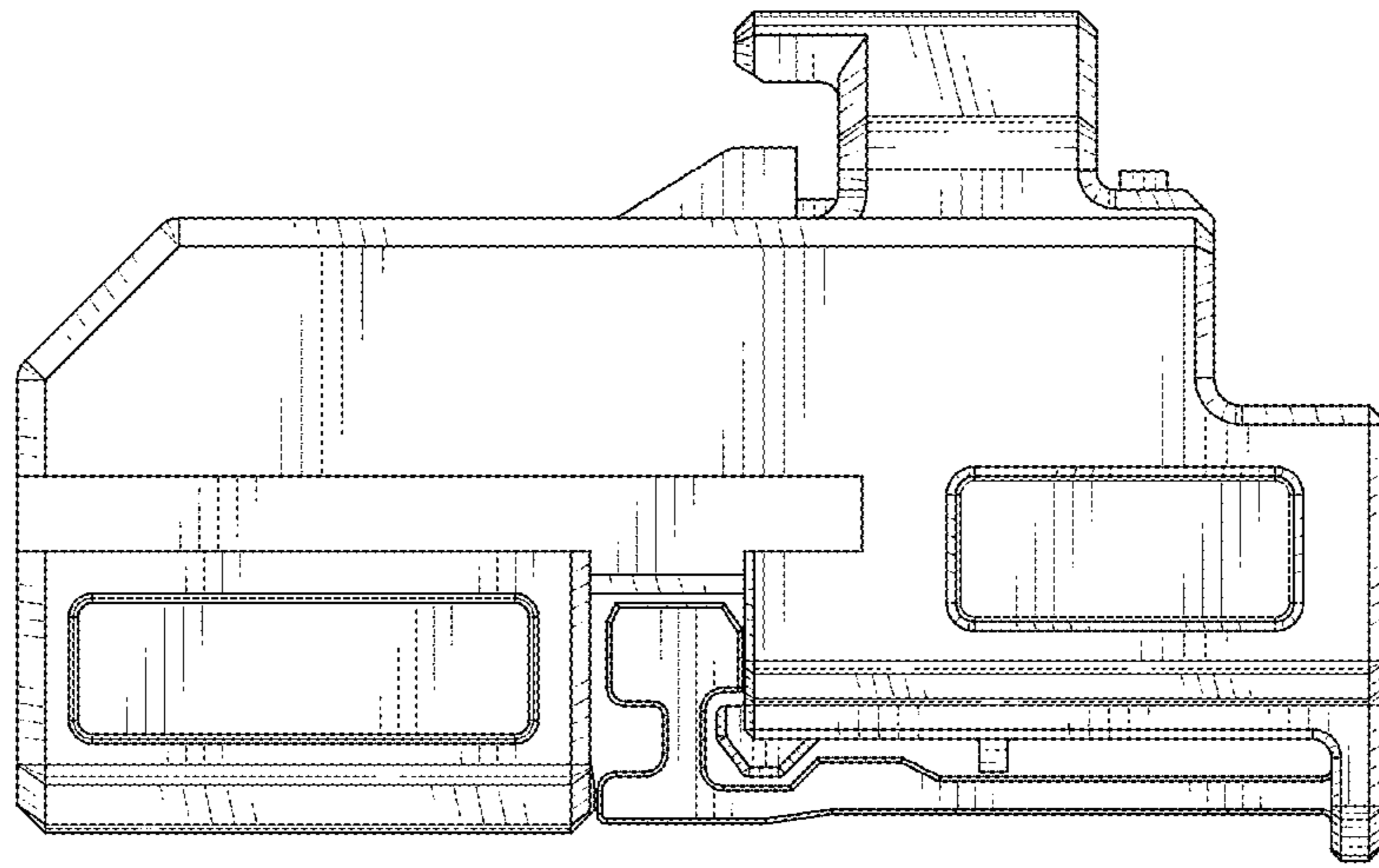


FIG. 14

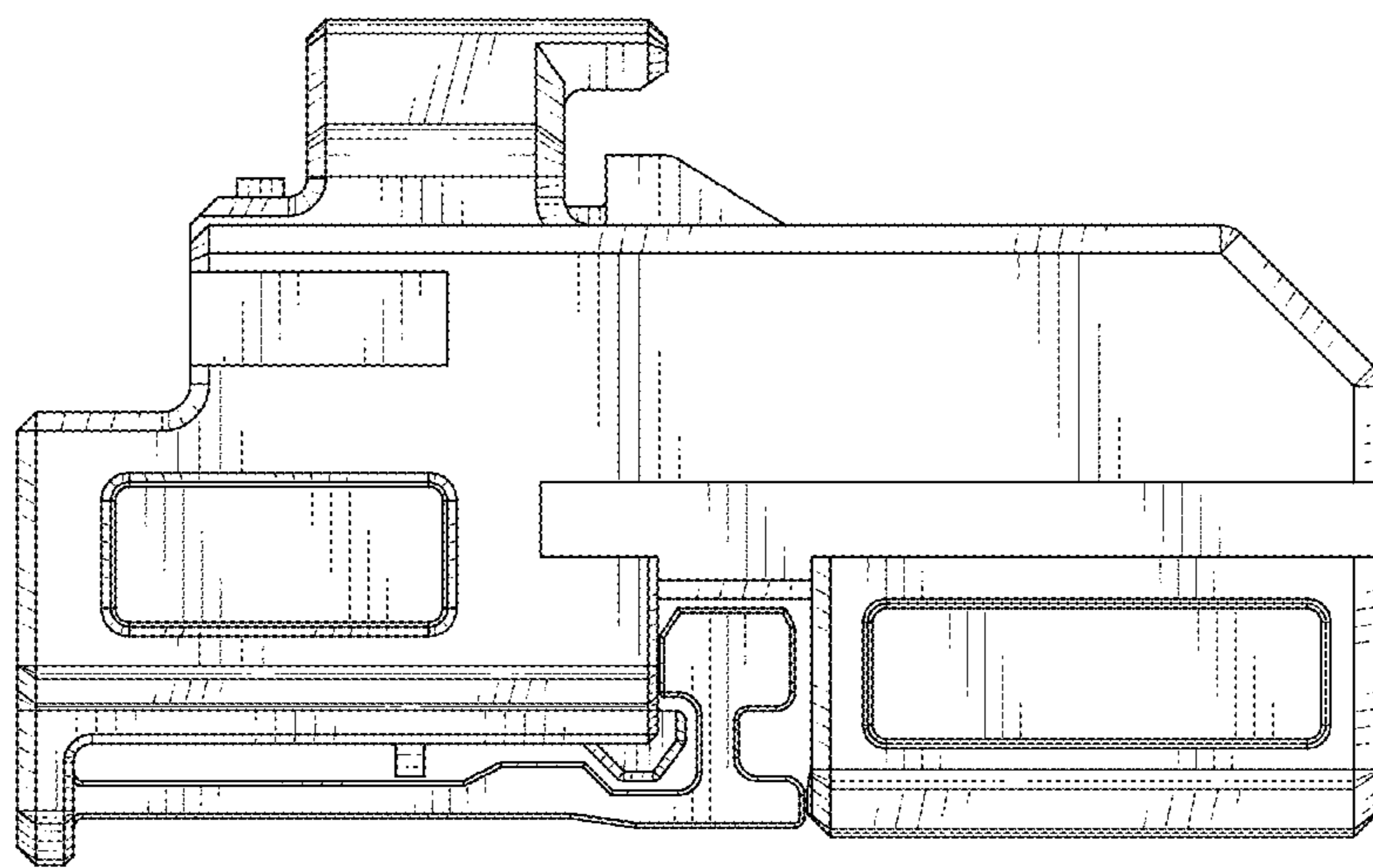


FIG. 15



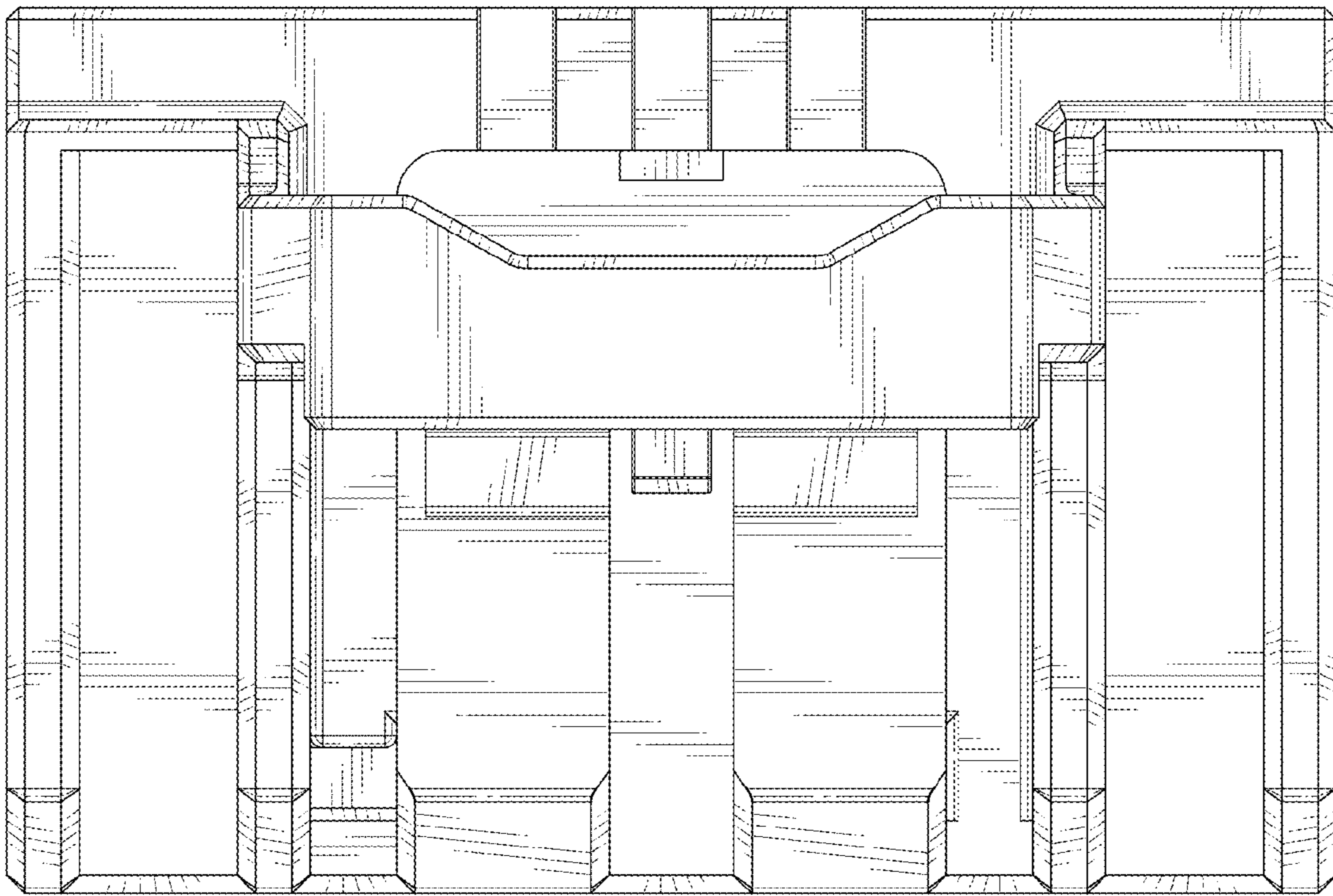


FIG. 16

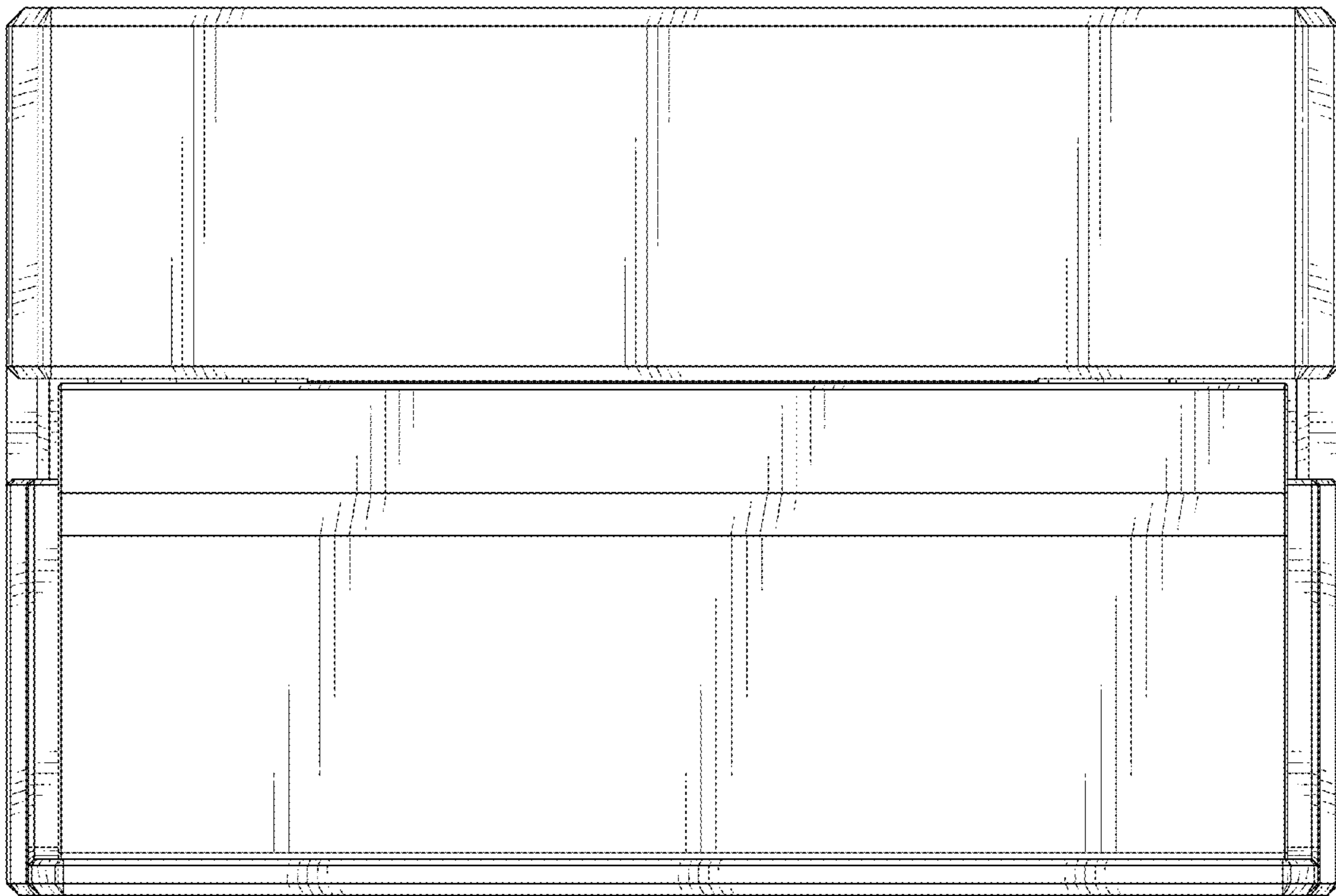


FIG. 17

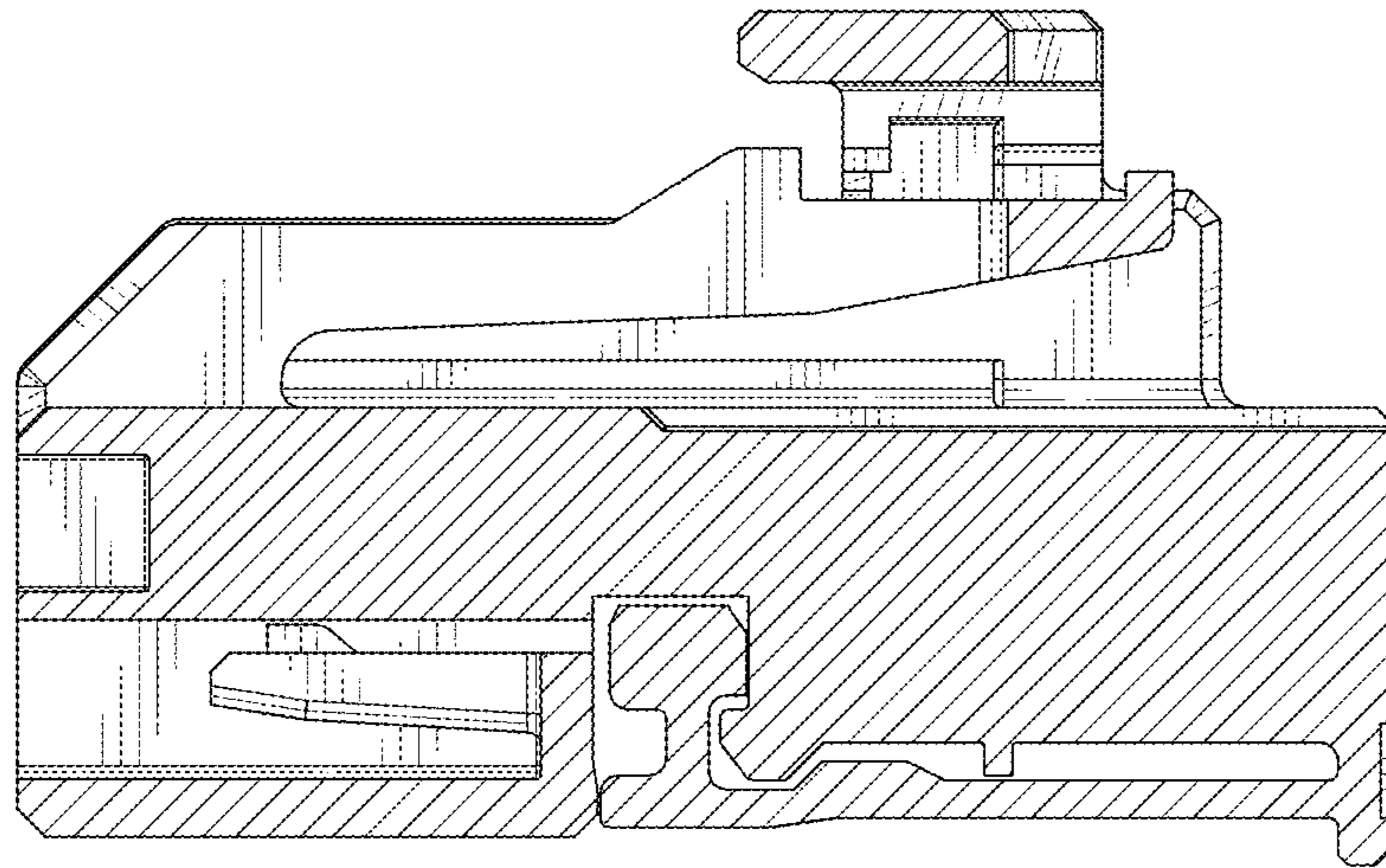


FIG. 18



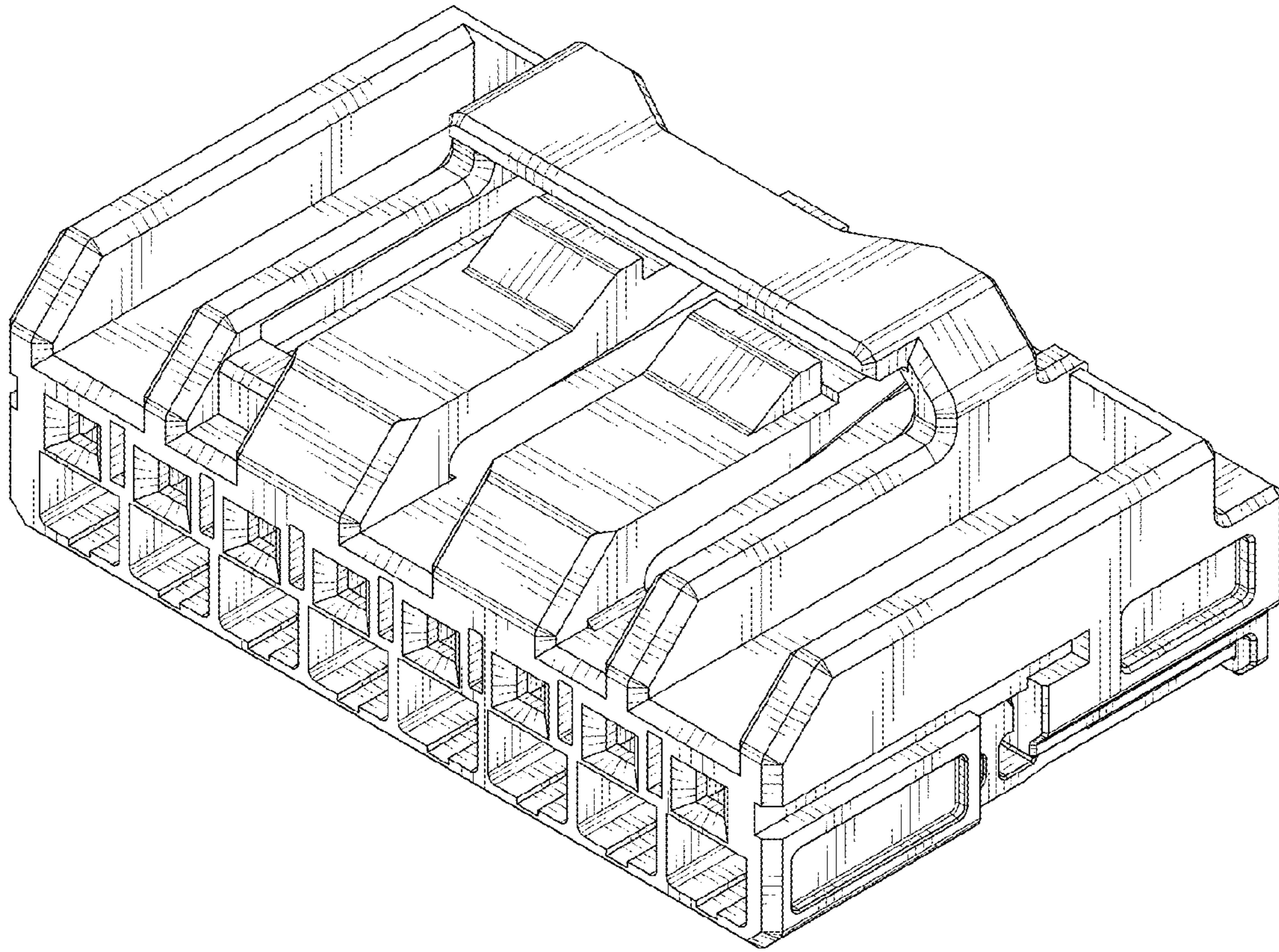


FIG. 19

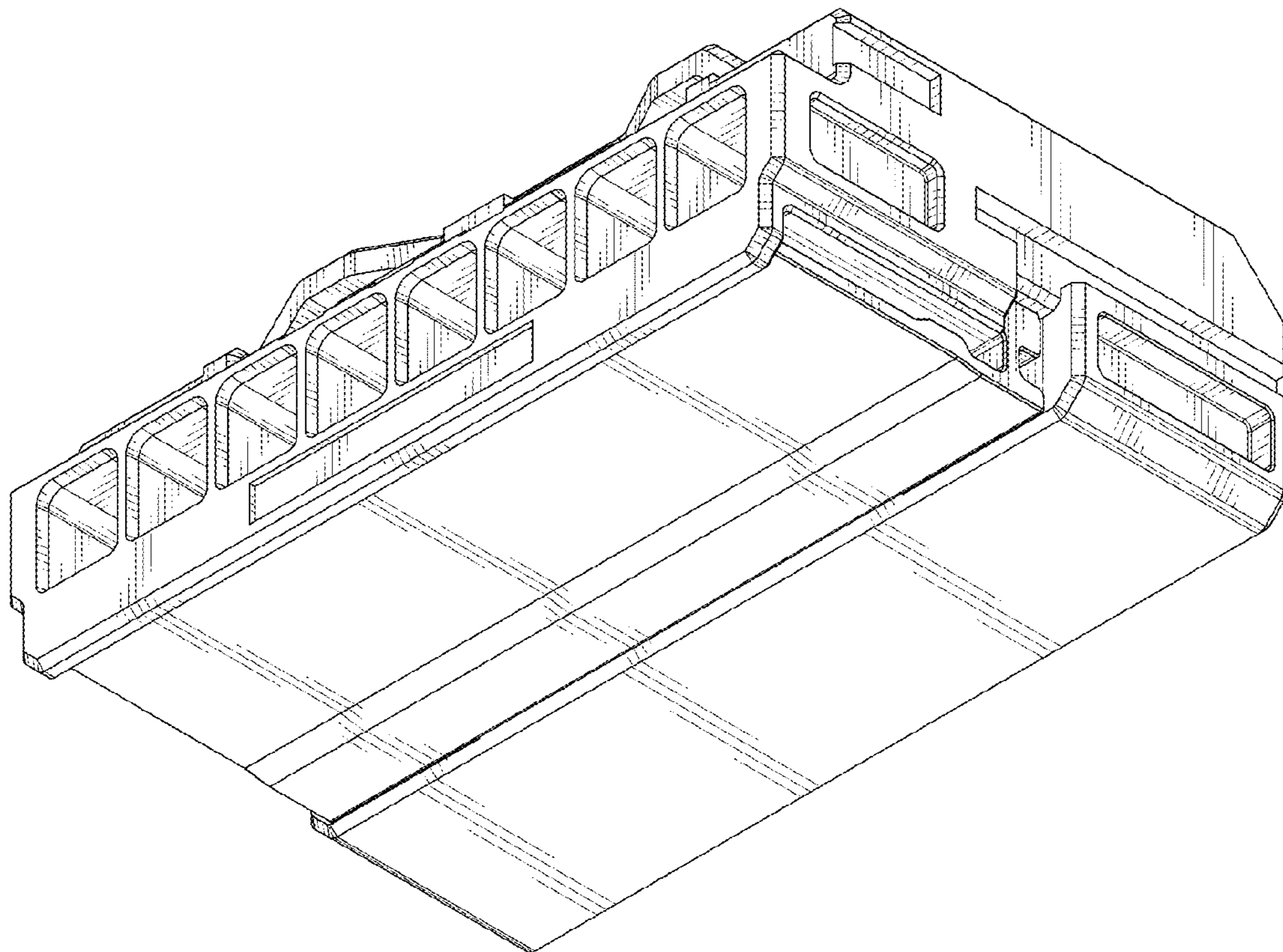


FIG. 20



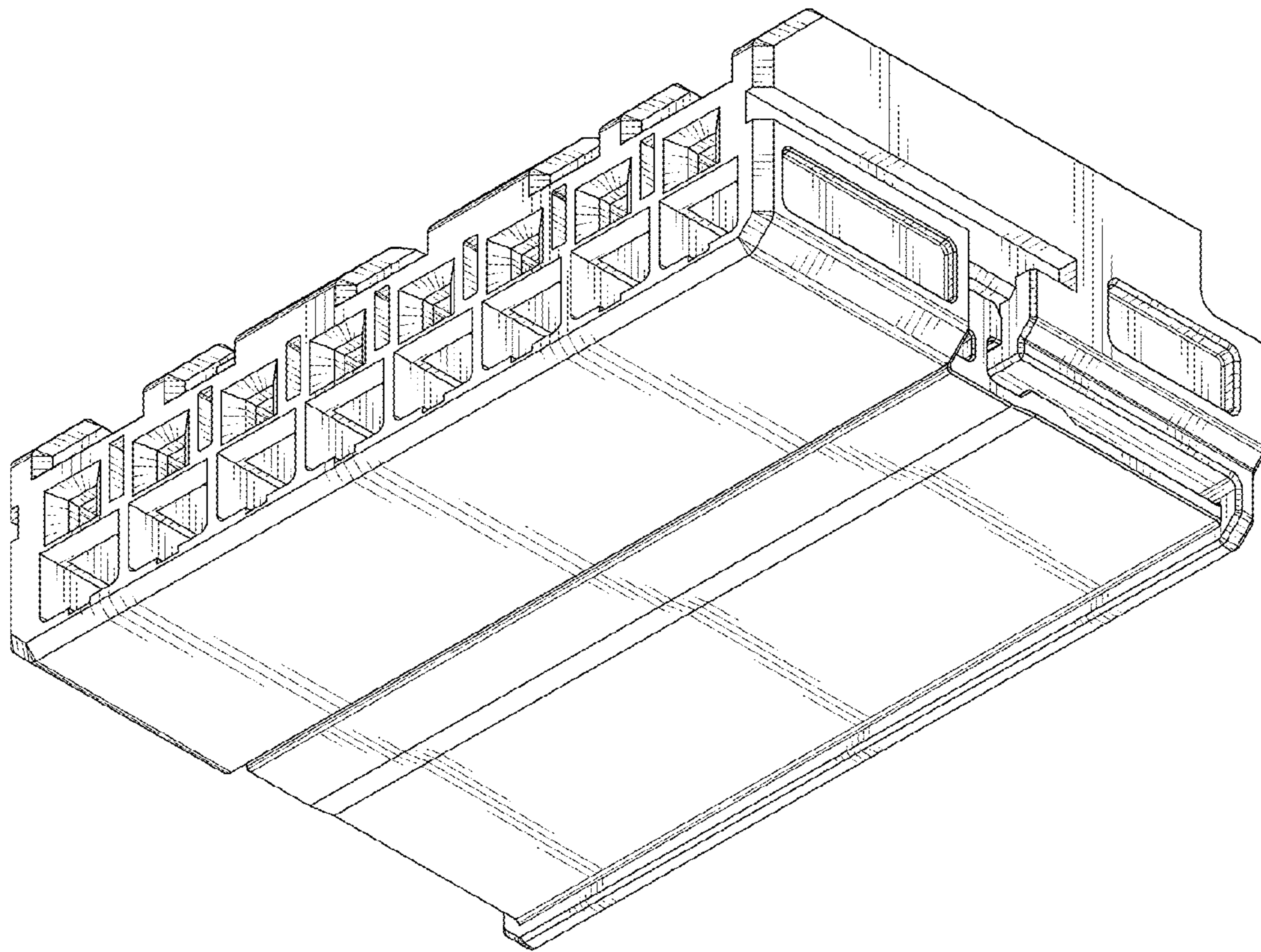


FIG. 21

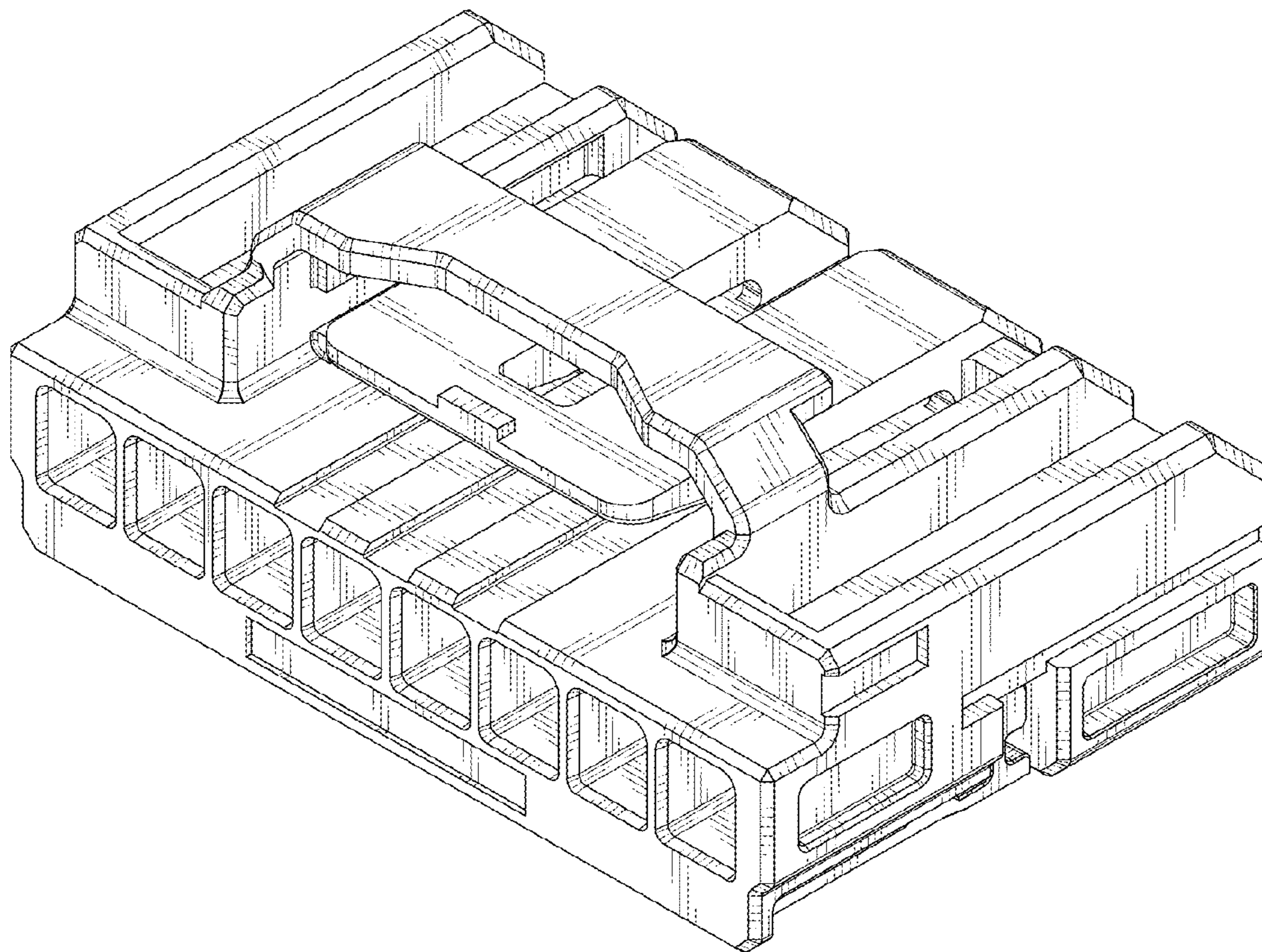


FIG. 22