



US00D985511S

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

(10) **Patent No.:** **US D985,511 S**

(45) **Date of Patent:** **** May 9, 2023**

(54) **CONNECTOR**

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

(72) Inventors: **Shin Kan**, Tokyo (JP); **Toshiro Kobuchi**, Tokyo (JP)

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

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

(21) Appl. No.: **29/800,466**

(22) Filed: **Jul. 21, 2021**

(30) **Foreign Application Priority Data**

Apr. 20, 2021 (JP) 2021-008383 D

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

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

(58) **Field of Classification Search**
USPC D13/154, 146, 147, 123, 133, D13/137.1-139.8, 110, 159, 184, 199, D13/112, 101, 113-116, 122, 152, 156, D13/151; D8/354, 356
CPC H01R 13/6271; H01R 13/6272; H01R 13/6315; H01R 13/631; H01R 13/639; H01R 13/641; H01R 13/506; H01R 13/6581; H01R 43/16; H01R 43/18; H01R 13/518; H01R 12/73; H01R 13/20
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D603,798 S * 11/2009 Obikane D13/147
D603,801 S * 11/2009 Obikane D13/147
D642,986 S * 8/2011 Nishimura D13/147
D684,120 S * 6/2013 Miyazaki D13/147

D695,691 S * 12/2013 Kobuchi D13/147
D703,146 S * 4/2014 Takenaga D13/147
D722,564 S * 2/2015 Yoshida D13/147
D723,471 S * 3/2015 Miyazaki D13/147
D737,213 S * 8/2015 Yoshioka D13/147
D743,905 S * 11/2015 Kobuchi D13/147
D748,583 S * 2/2016 Kobuchi D13/147
D767,499 S * 9/2016 Goto D13/147
D774,464 S * 12/2016 Takenaga D13/147
D793,342 S * 8/2017 Ashibu D13/147
D828,307 S * 9/2018 Ashibu D13/147
D877,704 S * 3/2020 Takenaga D13/147
D885,347 S * 5/2020 Ishida D13/147

(Continued)

Primary Examiner — Bridget L Eland

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

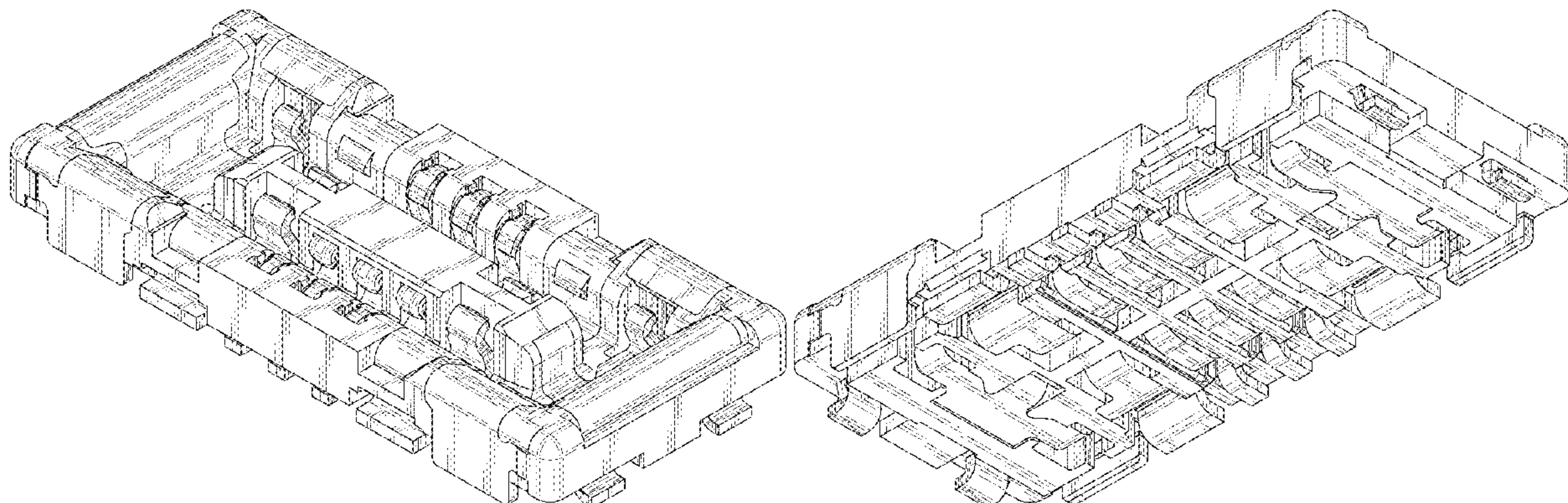
(57) **CLAIM**

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



(56)

References Cited

U.S. PATENT DOCUMENTS

D894,842 S * 9/2020 Ashibu D13/147
D933,613 S * 10/2021 Takenaga D13/147
2011/0263140 A1* 10/2011 Sato H01R 13/6275
439/74
2020/0044374 A1* 2/2020 Ishida H01R 12/716

* cited by examiner

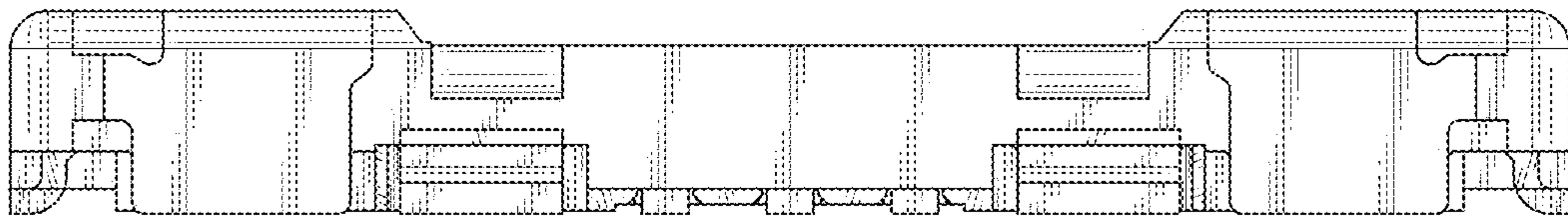


FIG. 1

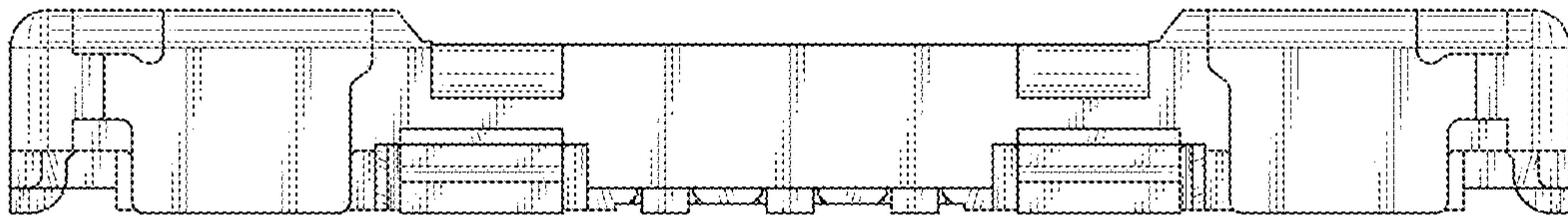


FIG. 2

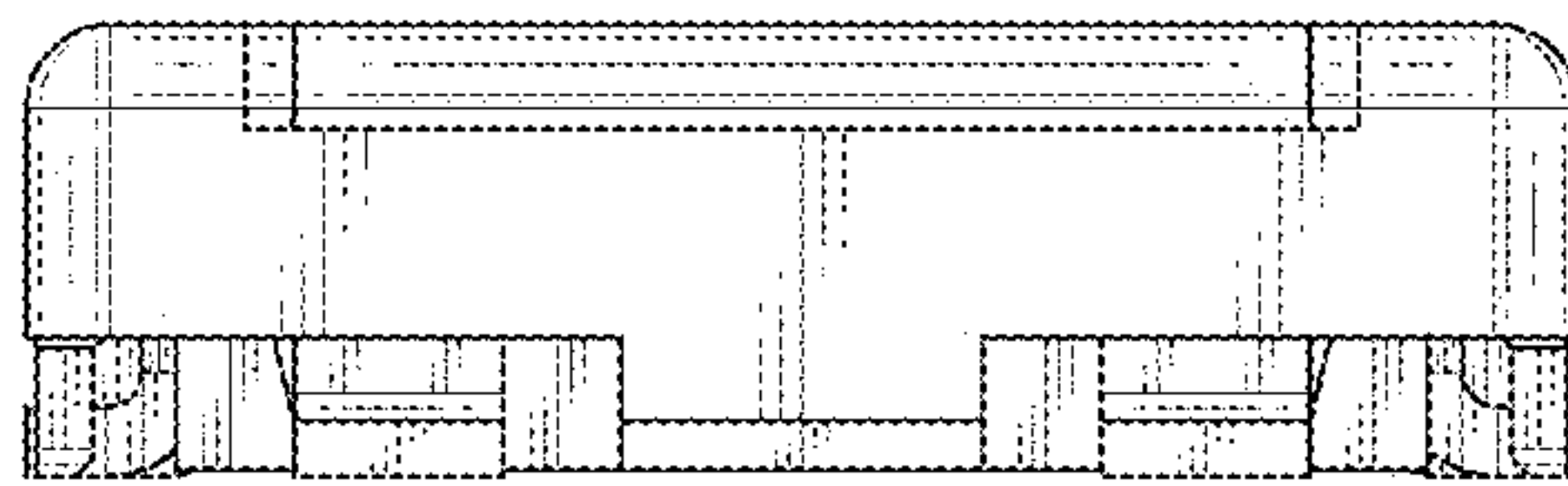


FIG. 3

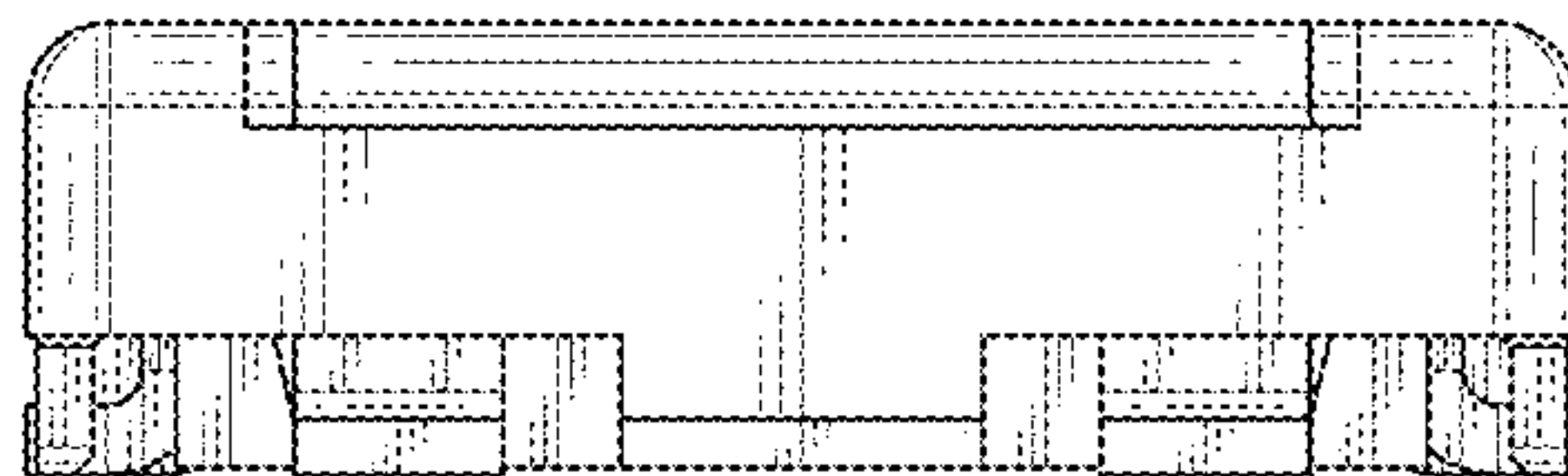


FIG. 4

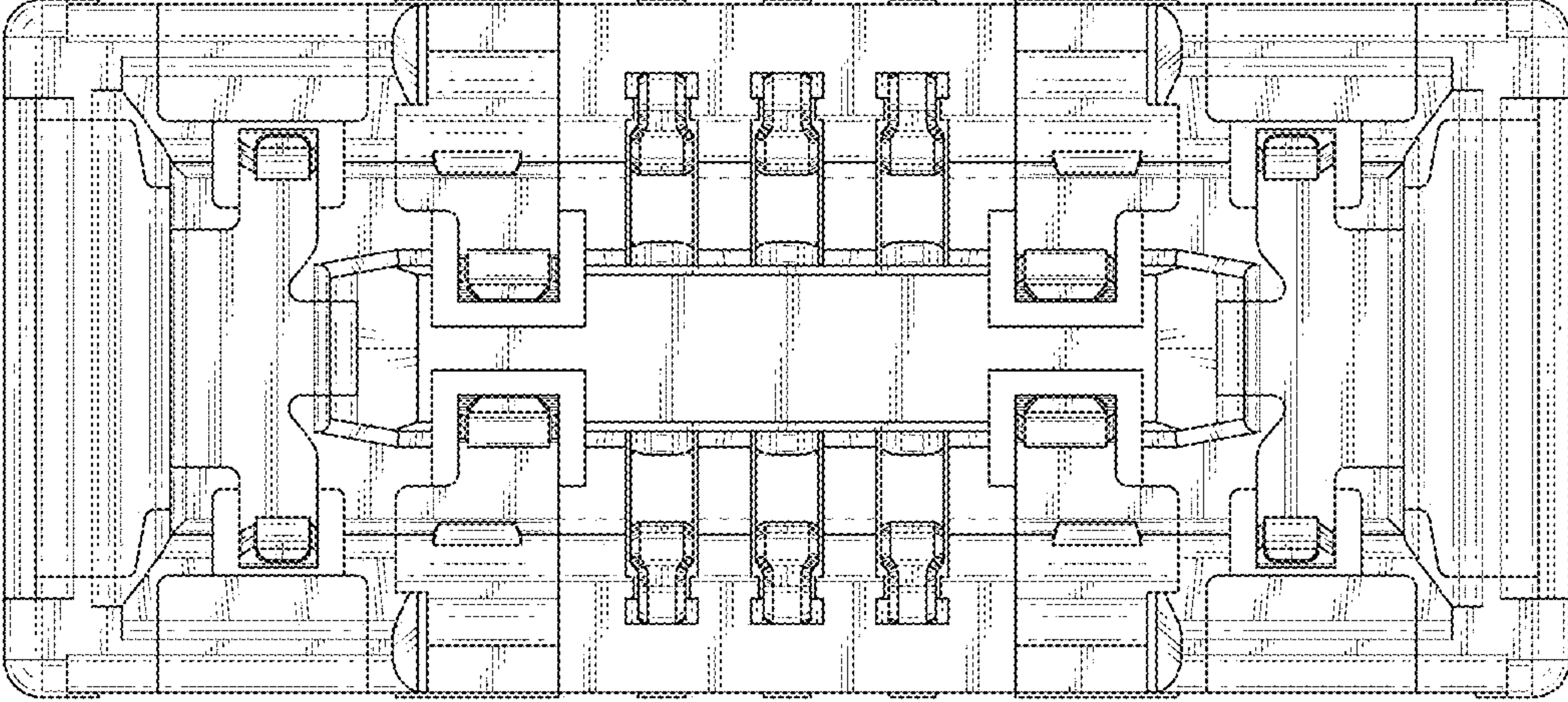


FIG. 5

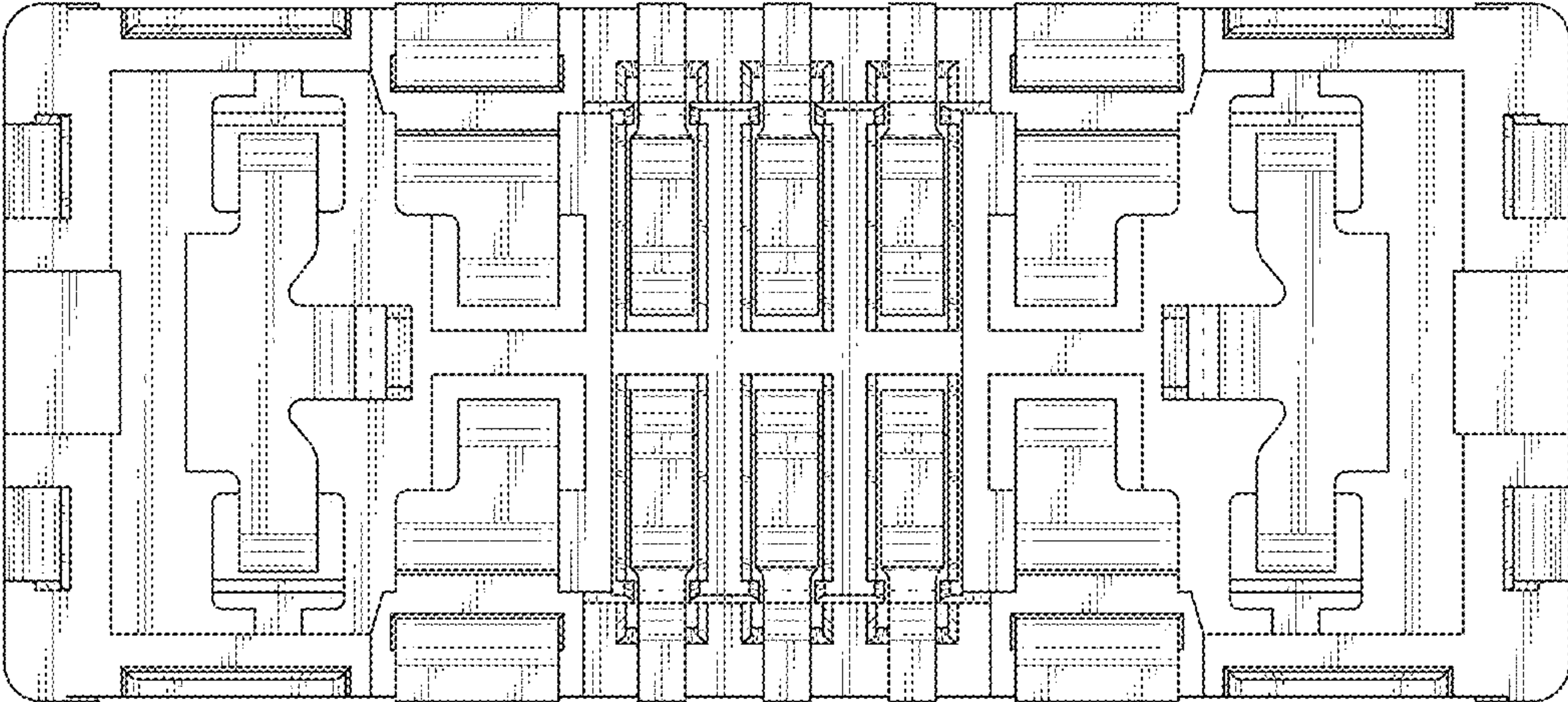


FIG. 6

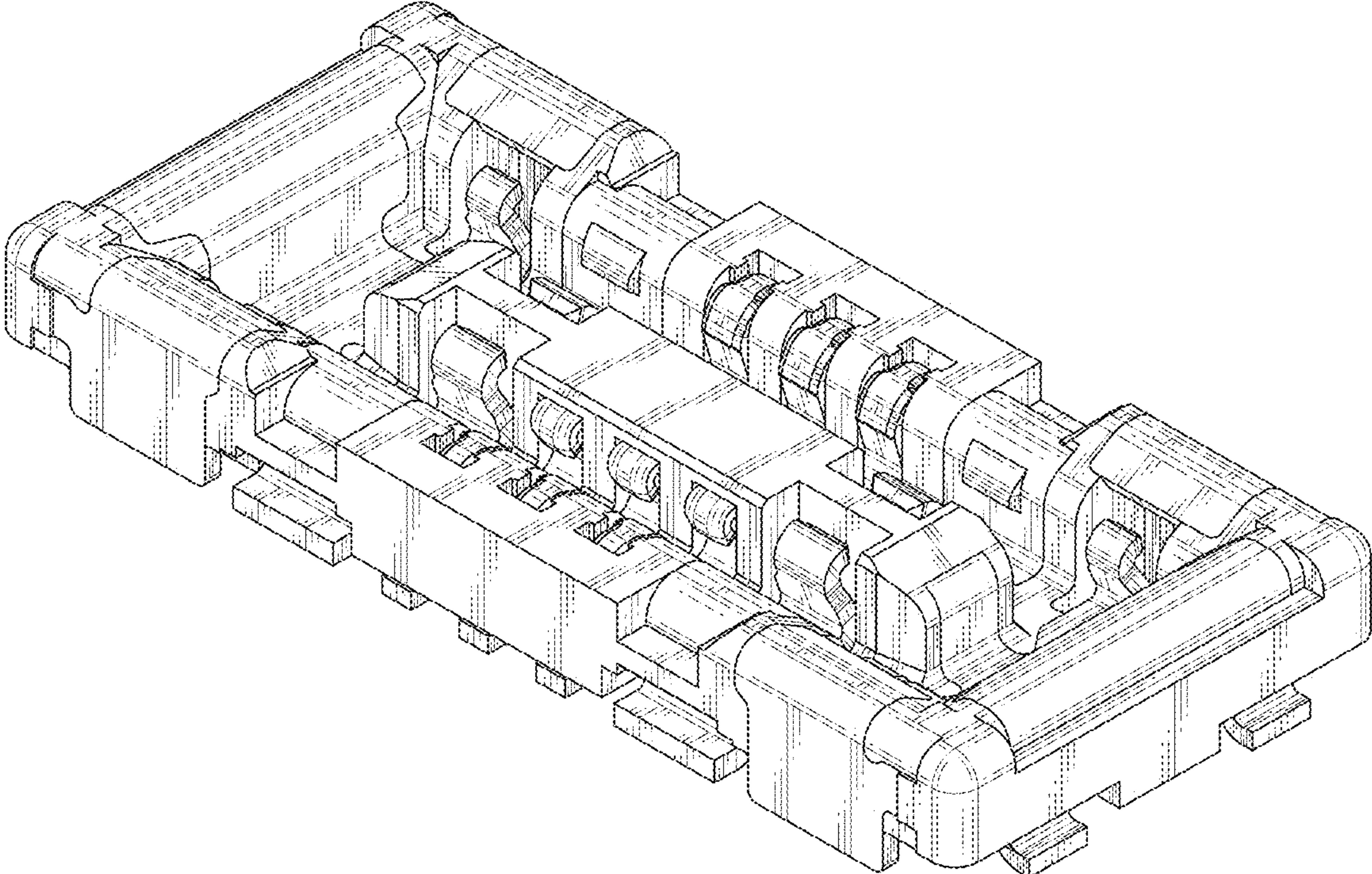


FIG. 7

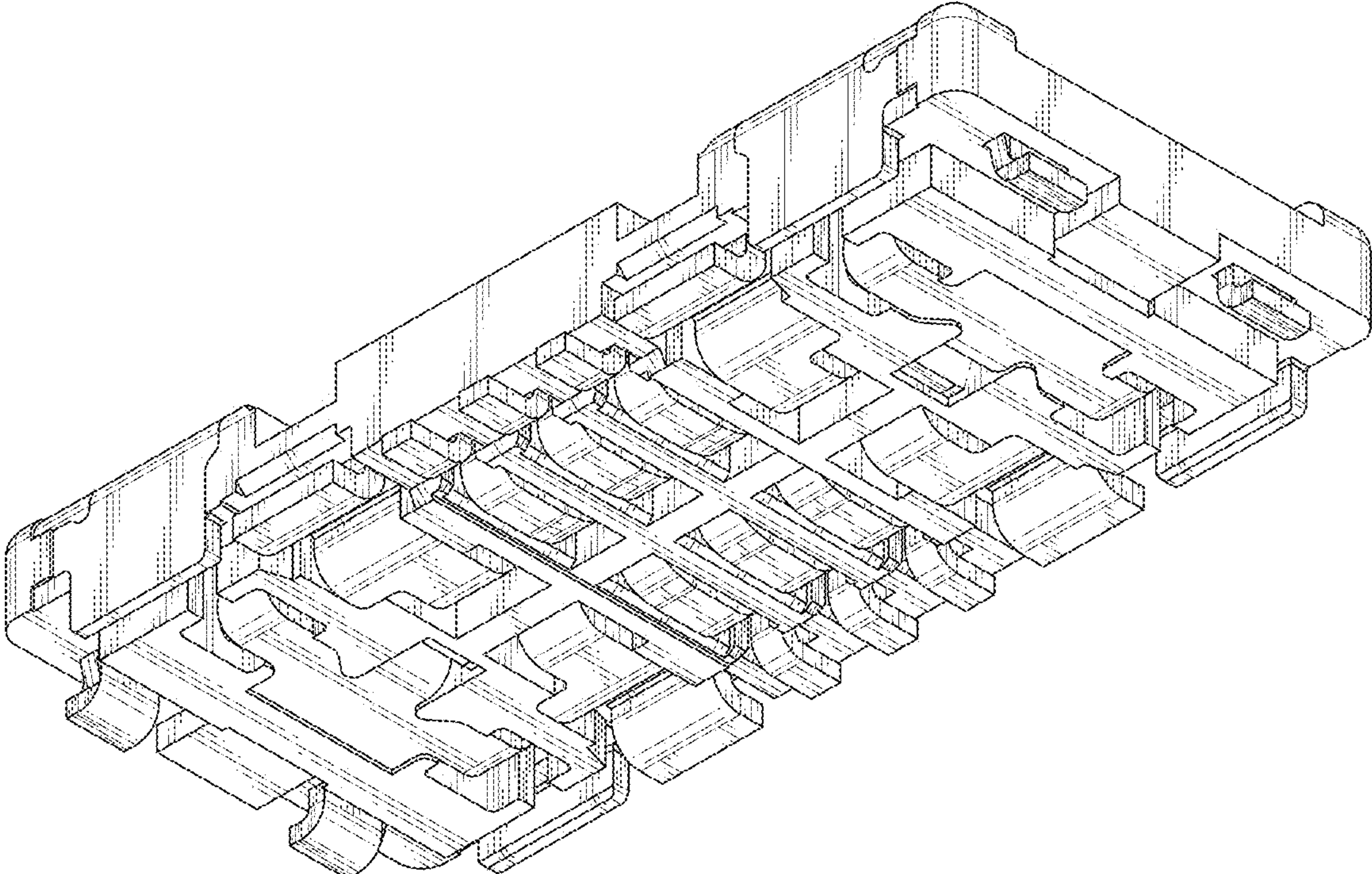


FIG. 8

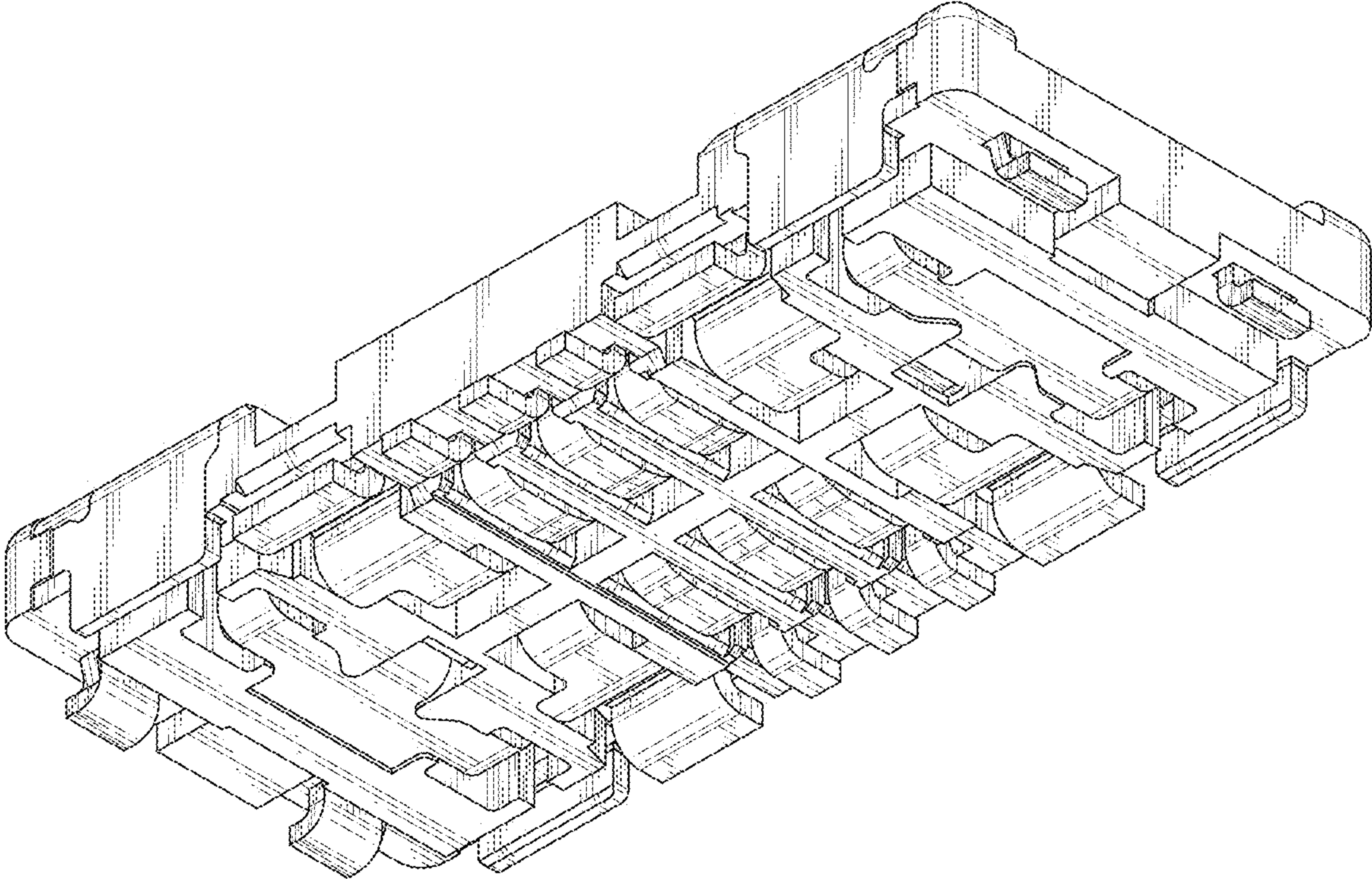


FIG. 9

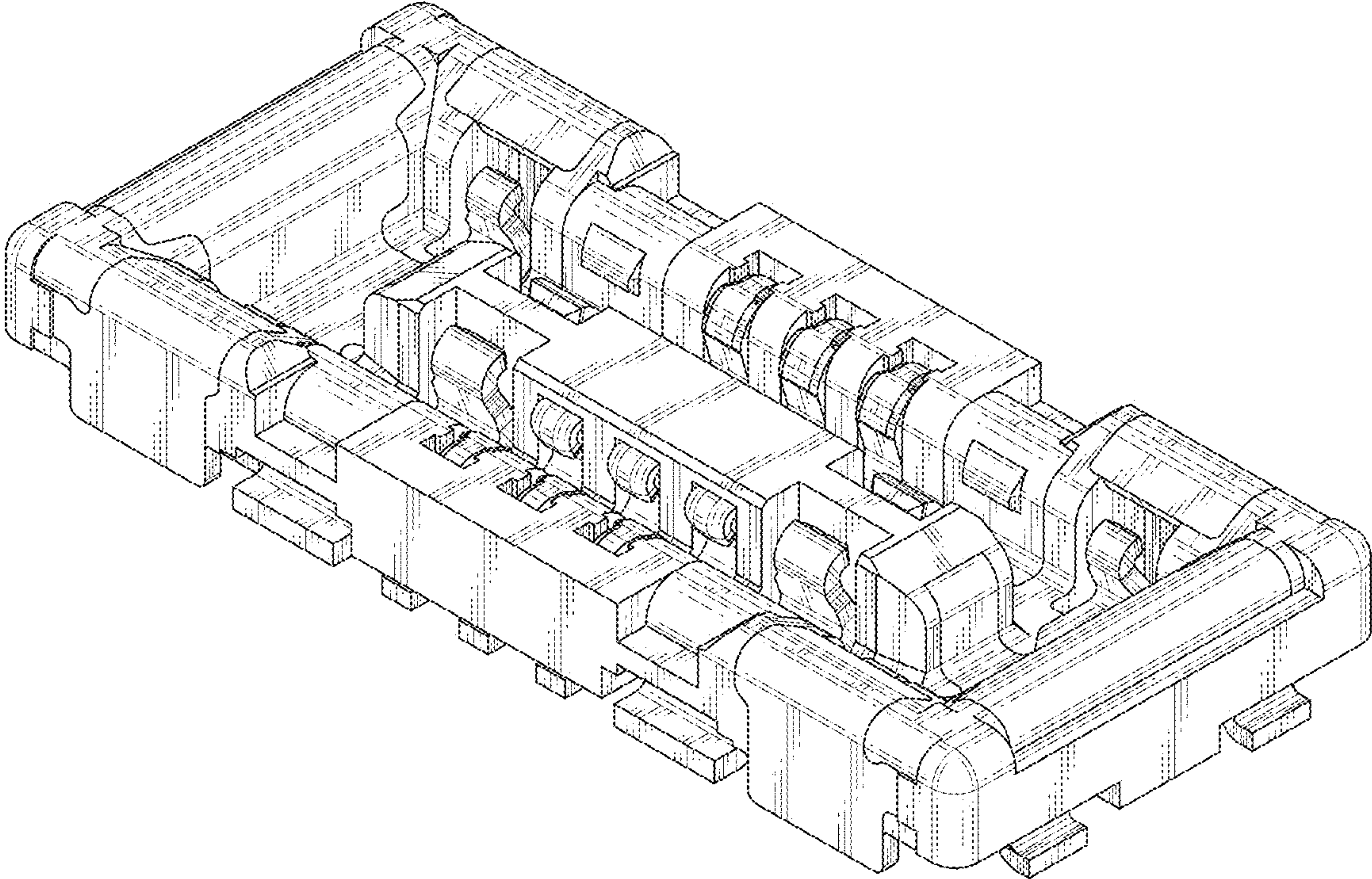


FIG. 10