



US00D928717S

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

(10) **Patent No.:** **US D928,717 S**

(45) **Date of Patent:** **** Aug. 24, 2021**

(54) **CONNECTOR**

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

(72) Inventors: **Takashi Tada**, Tokyo (JP); **Tomoya Kurosawa**, Tokyo (JP)

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

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

(21) Appl. No.: **29/715,885**

(22) Filed: **Dec. 5, 2019**

(30) **Foreign Application Priority Data**

Jun. 11, 2019 (JP) 2019-012763

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

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

(58) **Field of Classification Search**
USPC D13/133, 147, 123, 184, 199, 118, 120, D13/154, 153, 173, 106, 121; D14/240, D14/256, 356, 358, 432, 433, 435, 435.1, D14/438, 439, 125, 496, 480.1, 442
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D700,894 S *	3/2014	Feldstein	.....	D13/154
D744,430 S *	12/2015	Yokoyama	.....	D13/147
D783,539 S *	4/2017	Yokoyama	.....	D13/147
D790,547 S *	6/2017	Su	.....	D14/433
D837,164 S *	1/2019	Tsai	.....	D13/147
10,276,983 B2 *	4/2019	Arai	.....	H01R 24/60
10,541,499 B2 *	1/2020	Tada	.....	H01R 13/6585
10,749,299 B2 *	8/2020	Tada	.....	H01R 13/6471
10,804,656 B2 *	10/2020	Oosaka	.....	H01R 9/0503

(Continued)

OTHER PUBLICATIONS

Connectors. (Design—© Questel) orbit.com. [Online PDF compilation of references selected by examiner] 57 pgs. Print Dates Range Aug. 1, 2012-Oct. 26, 2020 [Retrieved Jan. 26, 2021] <https://www.orbit.com/export/UCZAH96B/pdf4/c2232967-9cb0-440b-99bf-2864c5ebef1c-194249.pdf> (Year: 2021).*

(Continued)

Primary Examiner — Brett Miller

Assistant Examiner — Landon Thomas Cassell

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

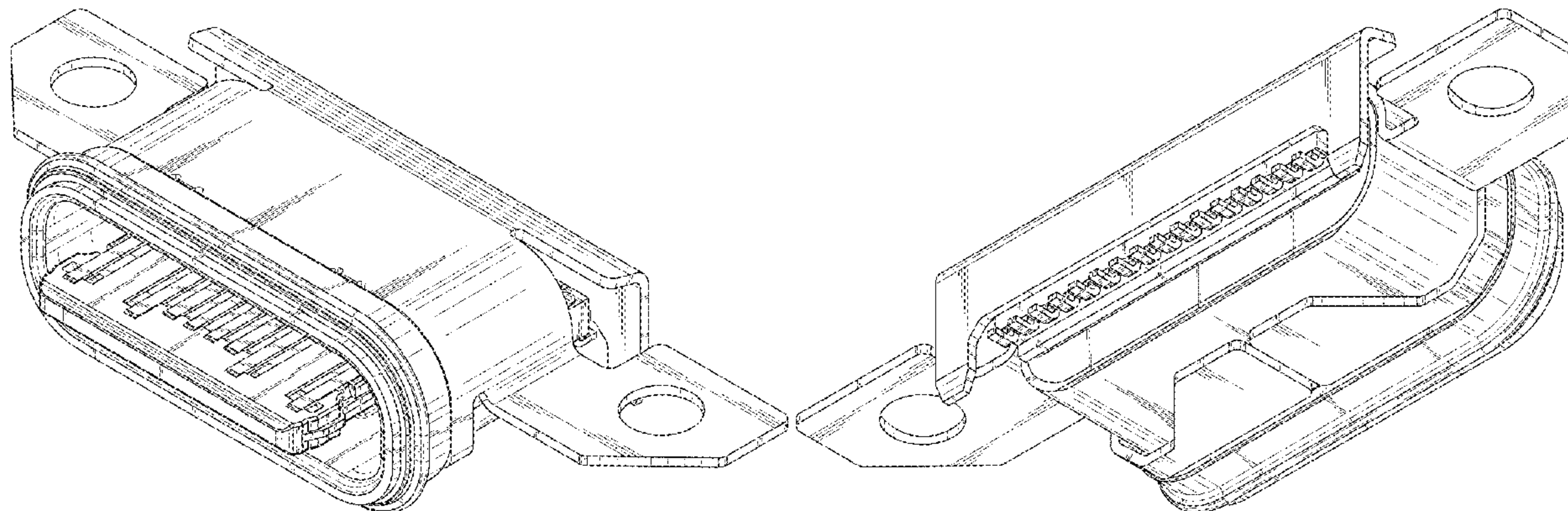
(57) **CLAIM**

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, 10 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2013/0196547 A1* 8/2013 Yokoyama H01R 12/7047
439/630
2013/0344734 A1* 12/2013 Yokoyama H01R 13/60
439/569
2020/0076118 A1* 3/2020 Tada H01R 13/6585

OTHER PUBLICATIONS

Sync and Power Charge Charging Socket, Date: Dec. 3, 2020,
[online], [Site visited Jan. 22, 2021], Available from Internet URL:
<https://www.newegg.com/p/0Y3-031H-00304> (Year: 2020).*

* cited by examiner

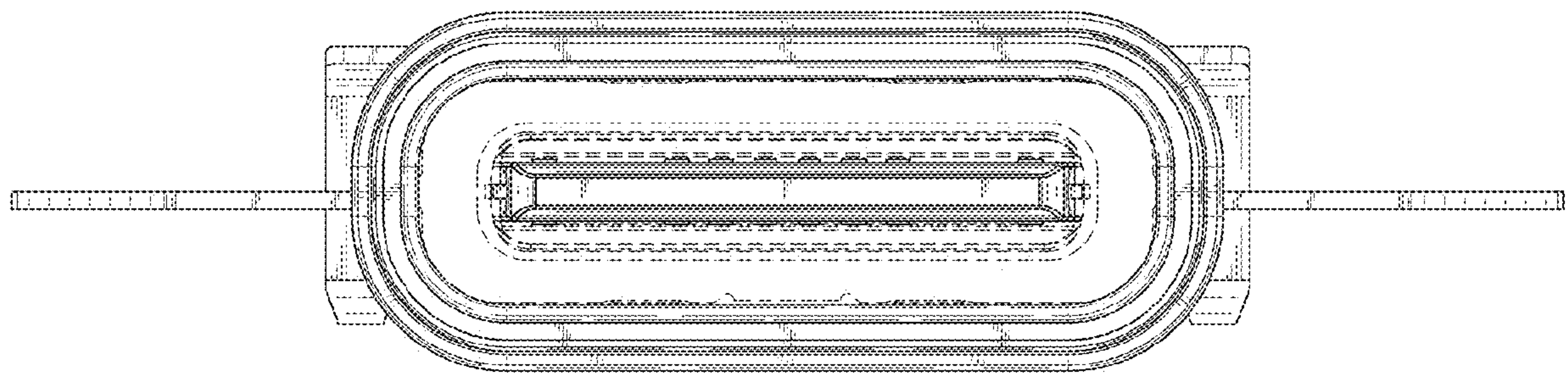


FIG. 1

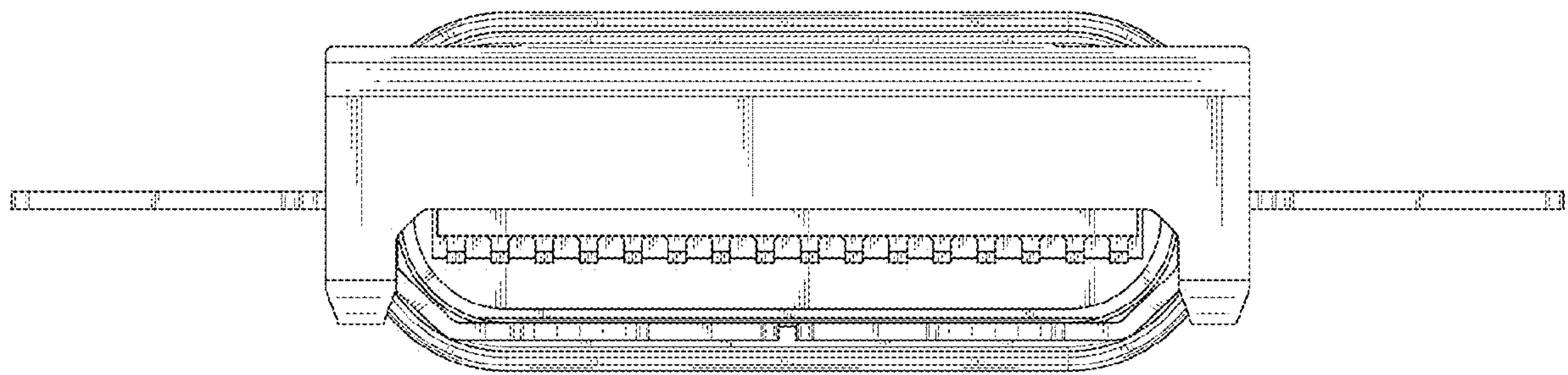


FIG. 2

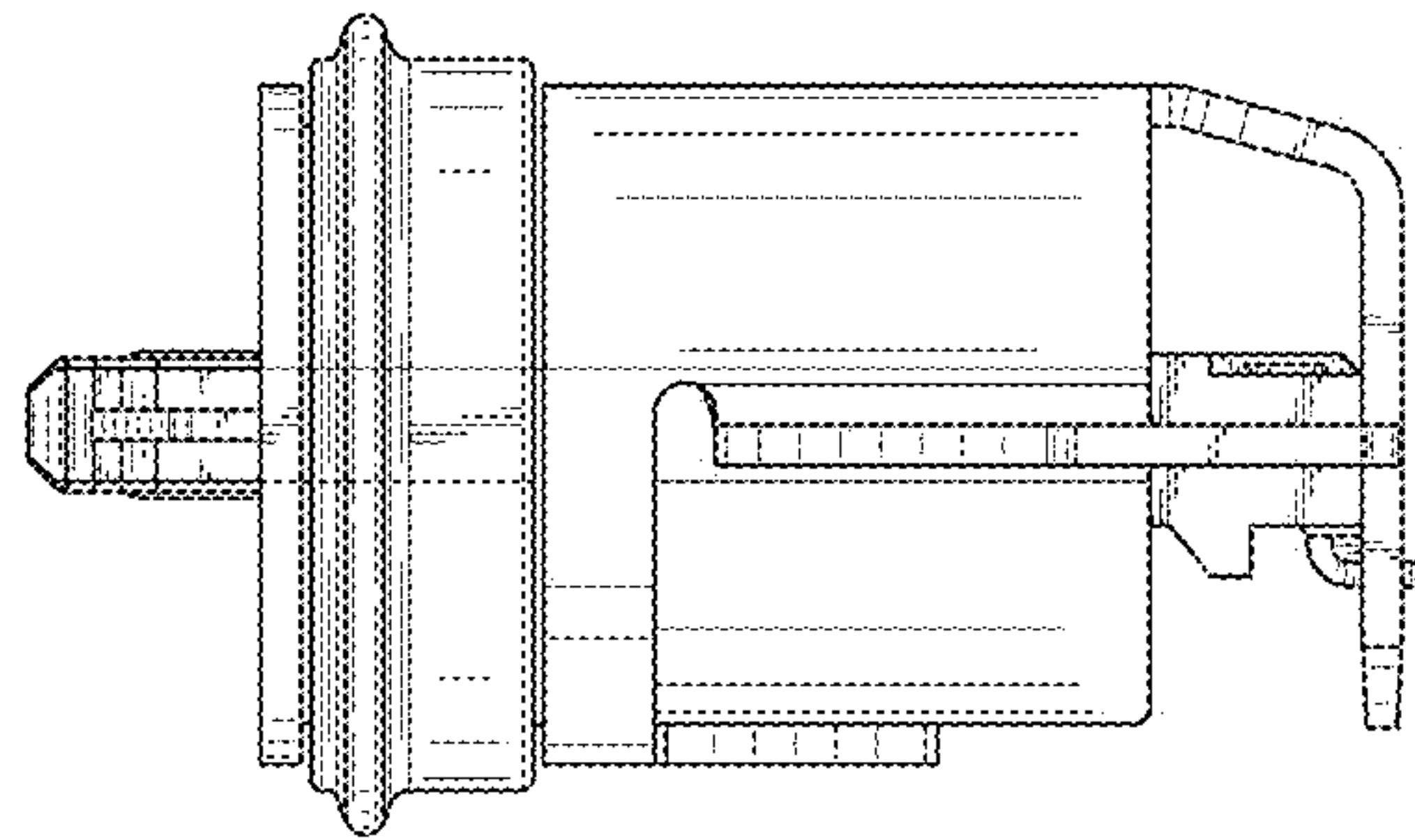


FIG. 3

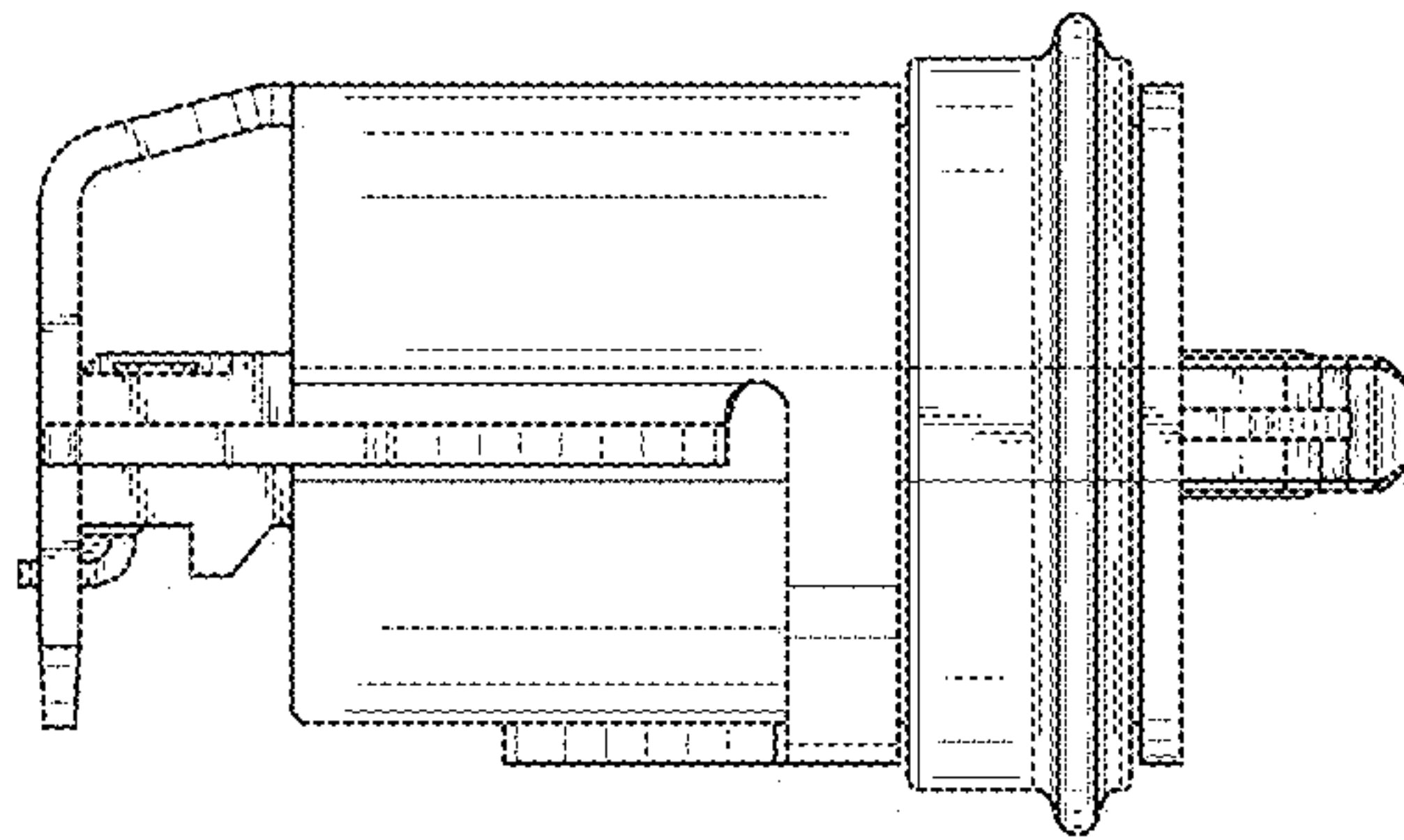


FIG. 4

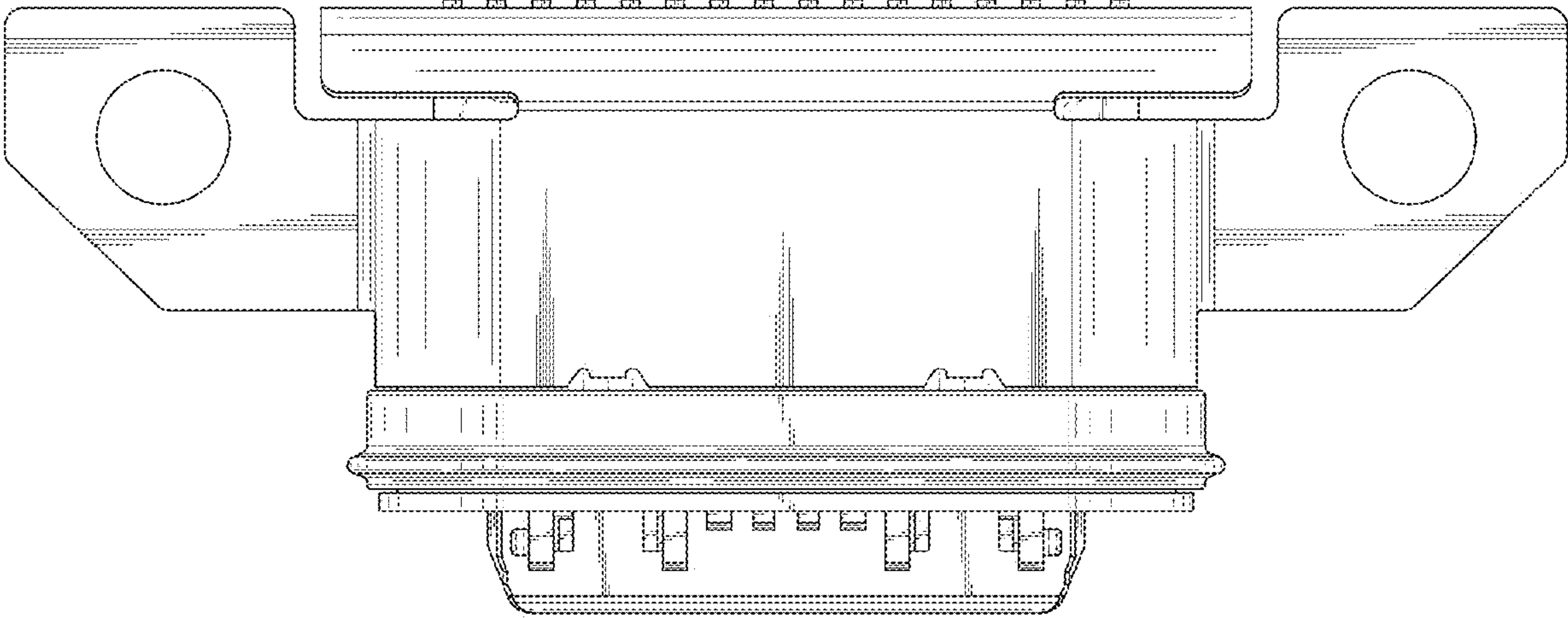


FIG. 5

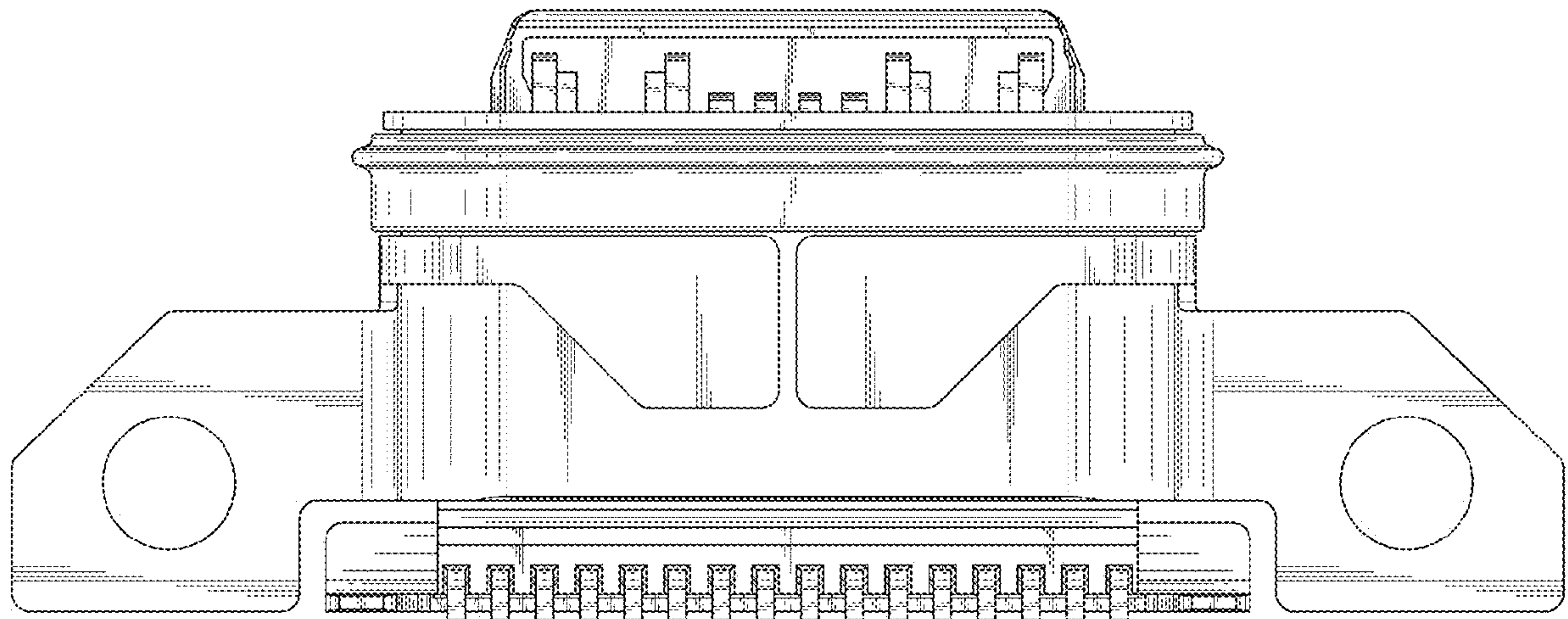


FIG. 6

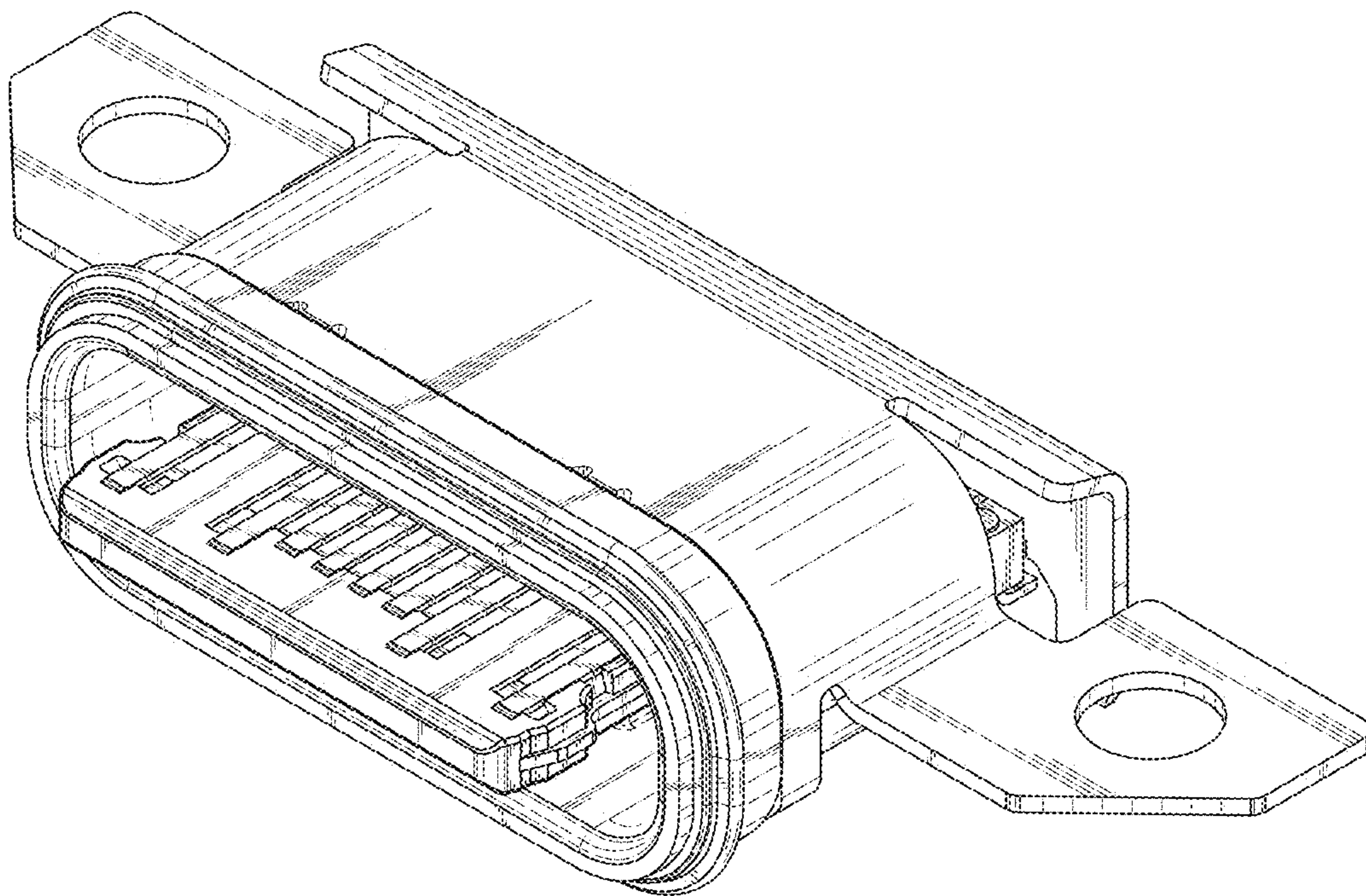


FIG. 7

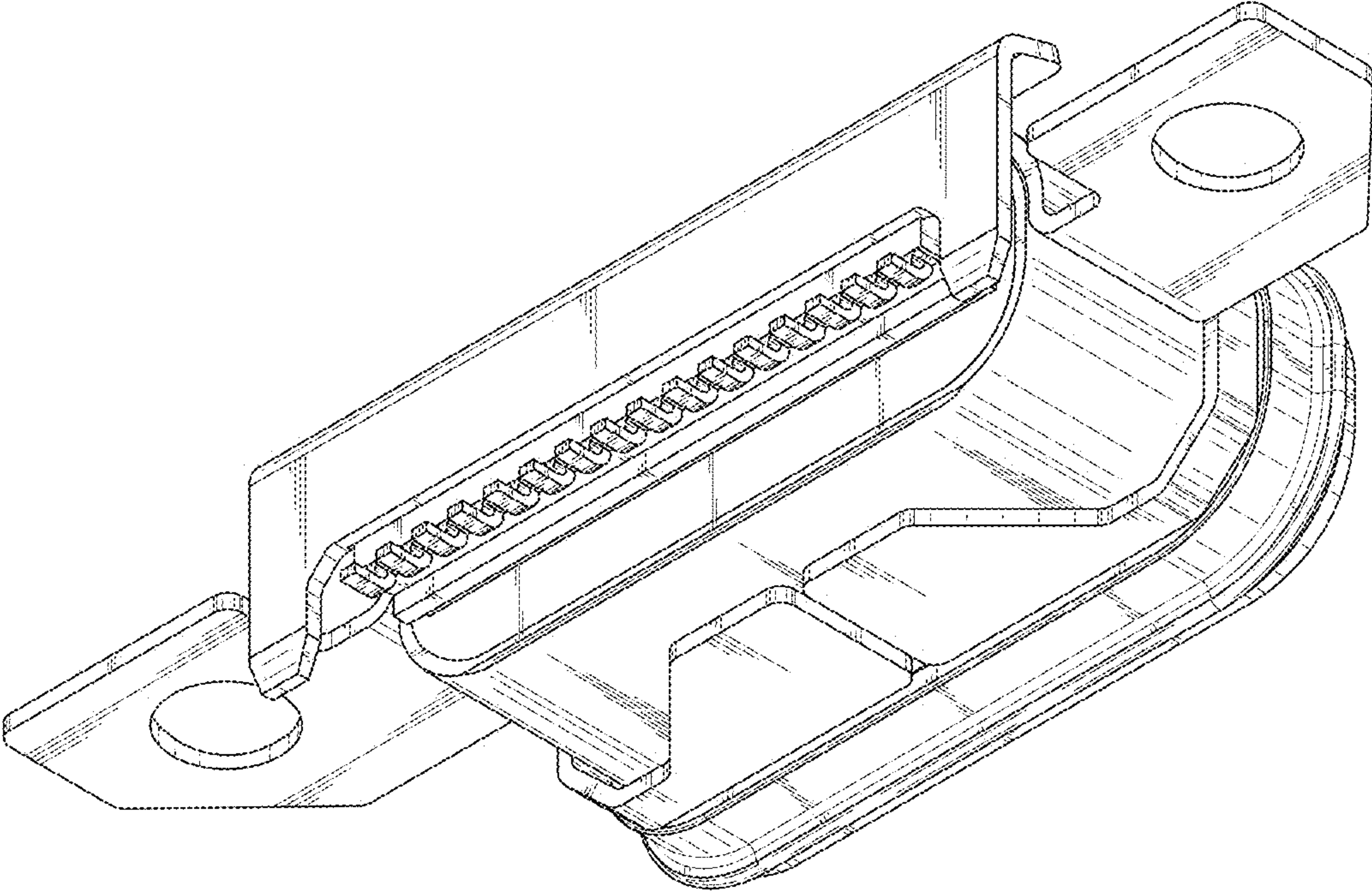


FIG. 8

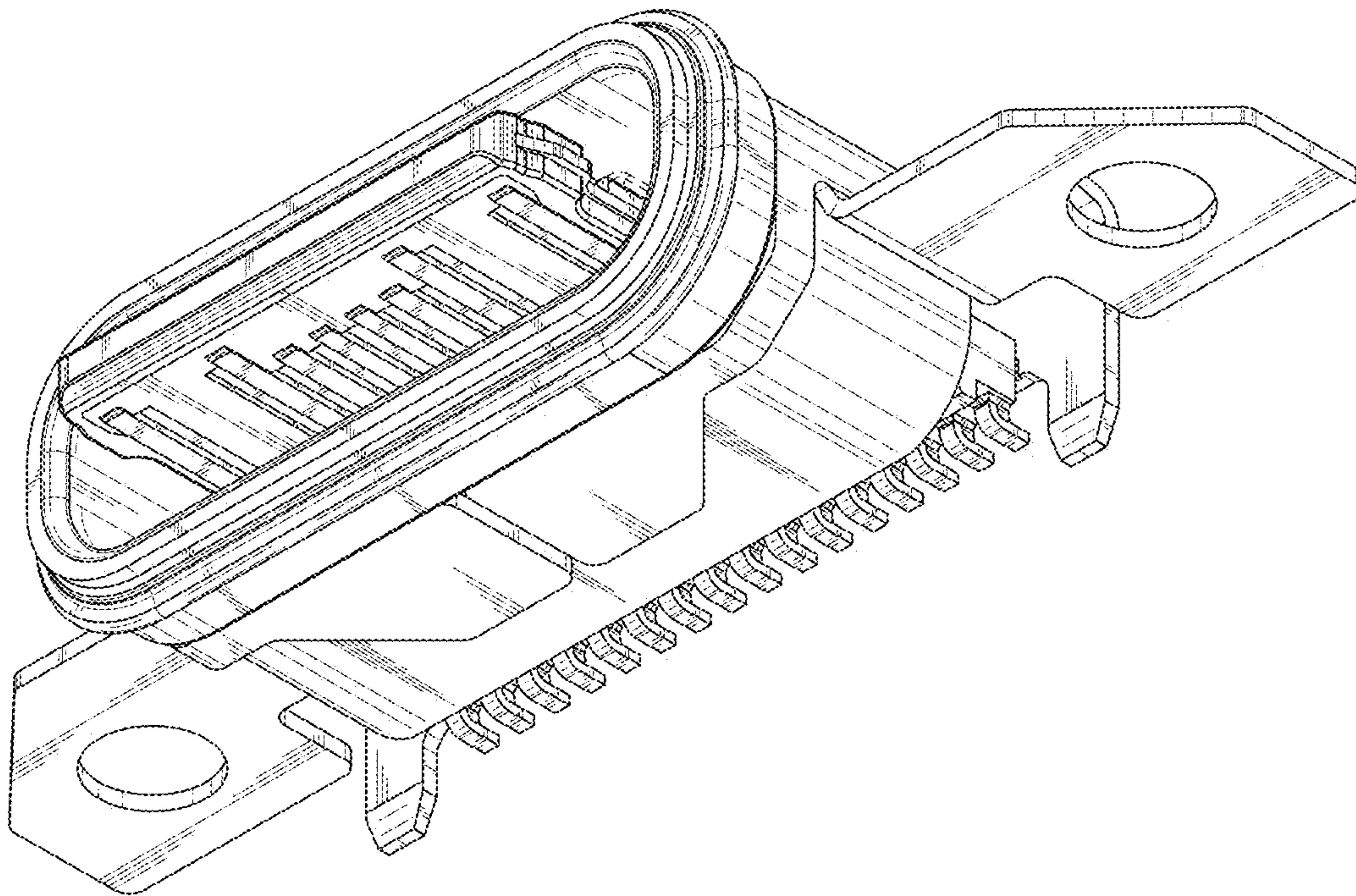


FIG. 9

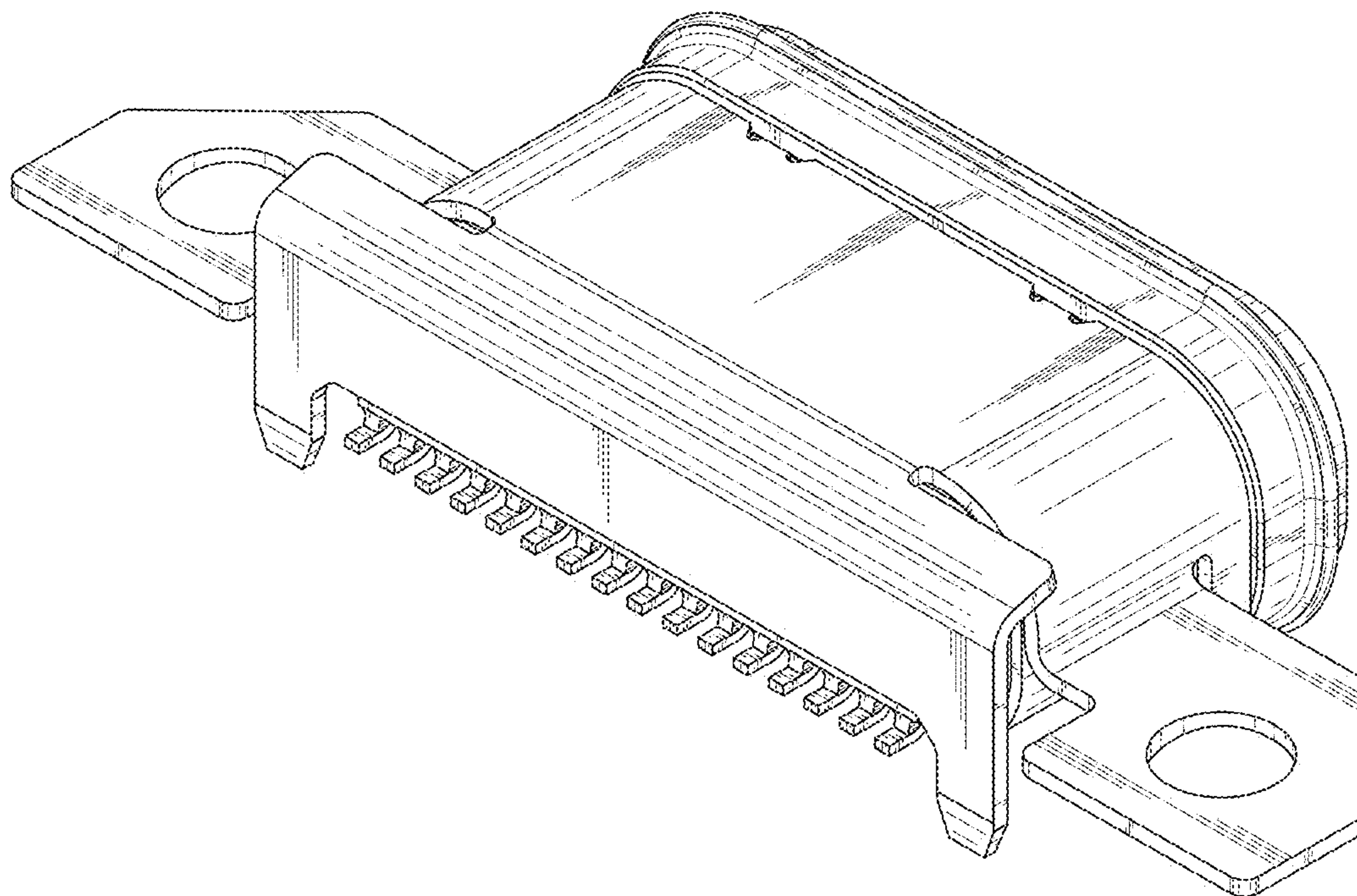


FIG. 10