



US00D967777S

(12) **United States Design Patent**  
**Obata**

(10) **Patent No.:** **US D967,777 S**  
(45) **Date of Patent:** **\*\* Oct. 25, 2022**

(54) **CONNECTOR**

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

(72) Inventor: **Yusuke Obata**, Tokyo (JP)

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

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

(21) Appl. No.: **29/777,246**

(22) Filed: **Apr. 5, 2021**

(30) **Foreign Application Priority Data**

Dec. 15, 2020 (JP) ..... 2020-026926 D

(51) **LOC (13) 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  
CPC .... H01R 24/62; H01R 13/7039; H01R 27/00;  
H01R 2201/04; H01R 2201/16; H01R  
24/28; H01R 13/432; H01R 27/02; H01R  
13/514; H01R 13/64; H01R 13/115;  
H01R 13/506; H01R 13/648; H01R  
13/62; H01R 13/04; H01R 13/6273;  
H01L 23/32; H01L 2924/0002; H01L  
2924/00

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D485,532 S \* 1/2004 Lai ..... D13/147  
D562,326 S \* 2/2008 Hsu ..... D13/199  
D562,327 S \* 2/2008 Hsu ..... D13/199  
D590,777 S \* 4/2009 Tanaka ..... D13/147  
D609,649 S \* 2/2010 Kai ..... D13/147  
D628,160 S \* 11/2010 Nanao ..... D13/147

D629,759 S \* 12/2010 Hara ..... D13/147  
D641,322 S \* 7/2011 Kurachi ..... D13/147  
D645,824 S \* 9/2011 Kurachi ..... D13/147  
D645,825 S \* 9/2011 Kurachi ..... D13/147  
D701,170 S \* 3/2014 Sasaki ..... D13/147  
D702,643 S \* 4/2014 Ozeki ..... D13/147  
2011/0086541 A1\* 4/2011 Hashimoto ..... H01R 12/774  
439/492

**FOREIGN PATENT DOCUMENTS**

TW 137890-0001 \* 11/2010  
TW 140671-0001 \* 5/2011

\* cited by examiner

*Primary Examiner* — Bridget L Eland

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

(57) **CLAIM**

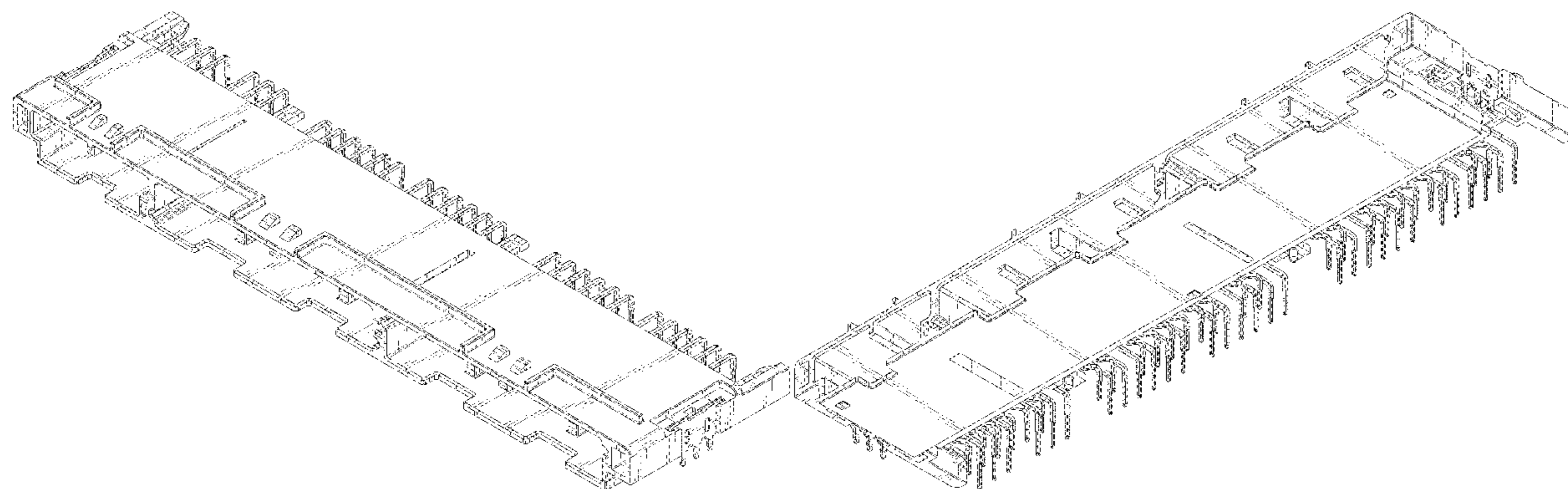
The ornamental design for a connector, as shown and described.

**DESCRIPTION**

FIG. 1 is a front elevational view of a connector showing my 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, 9 Drawing Sheets**



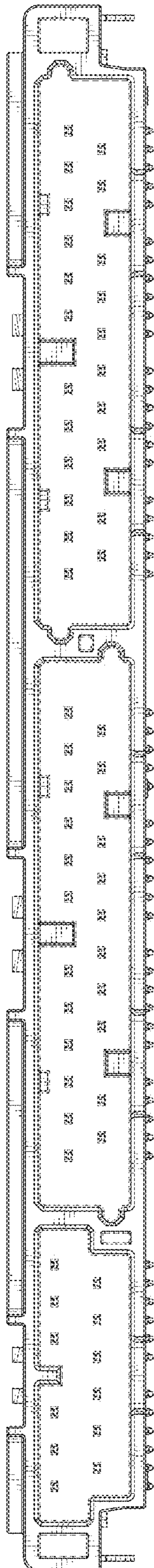


FIG. 1

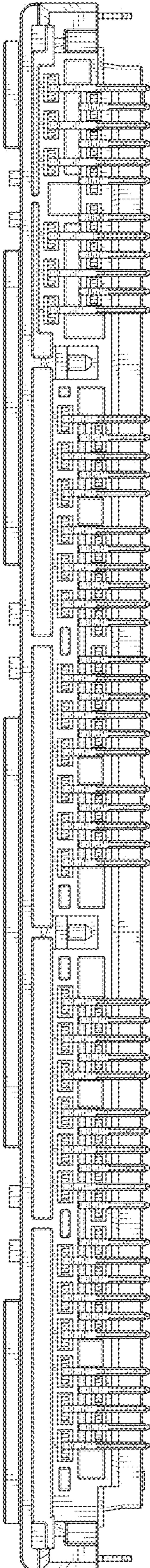


FIG. 2

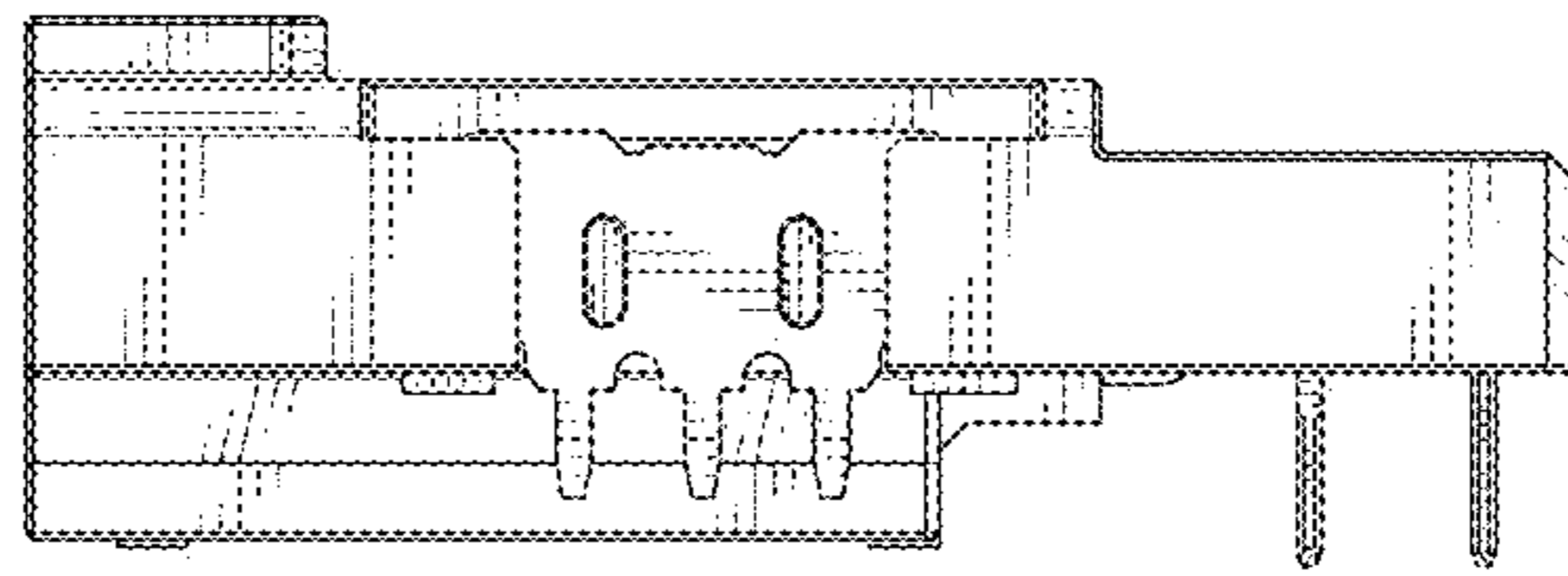


FIG. 3

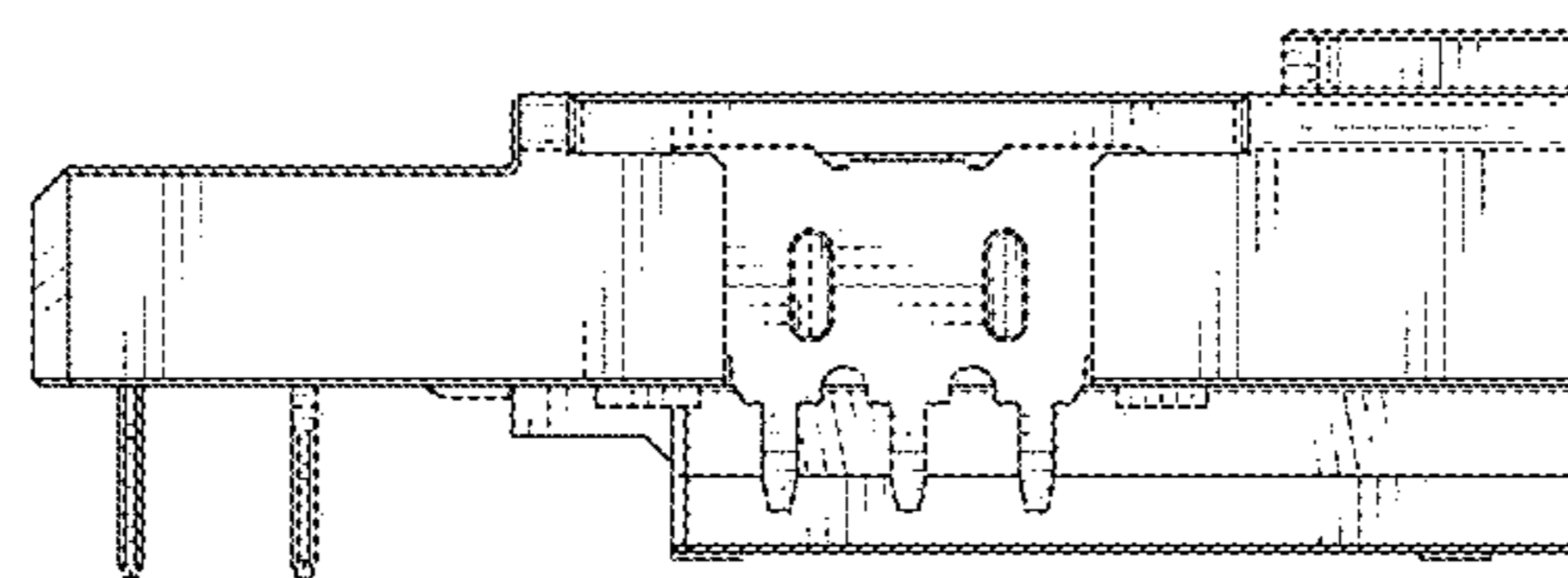


FIG. 4

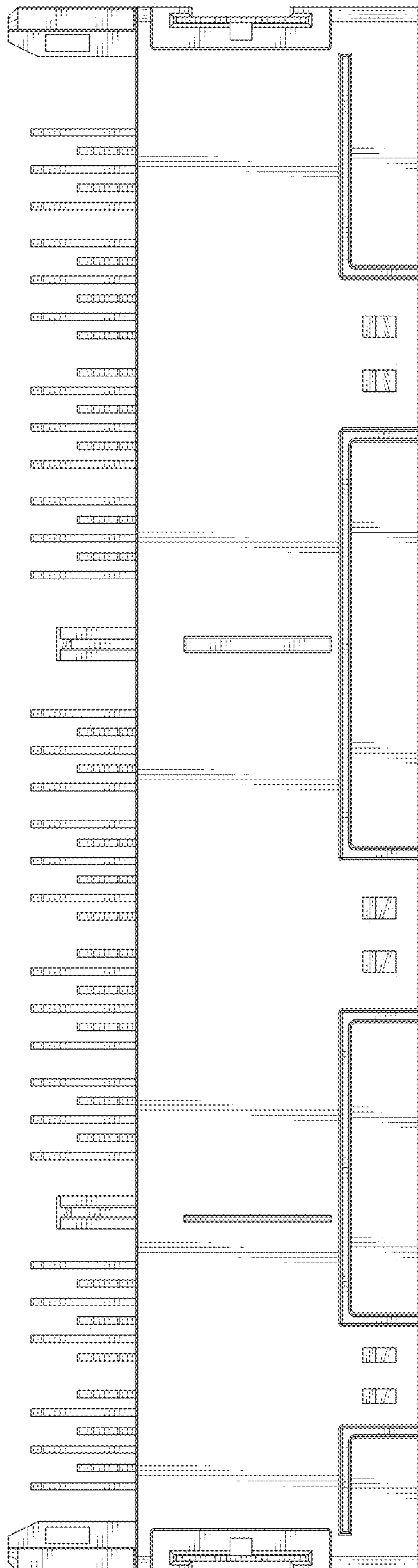


FIG. 5

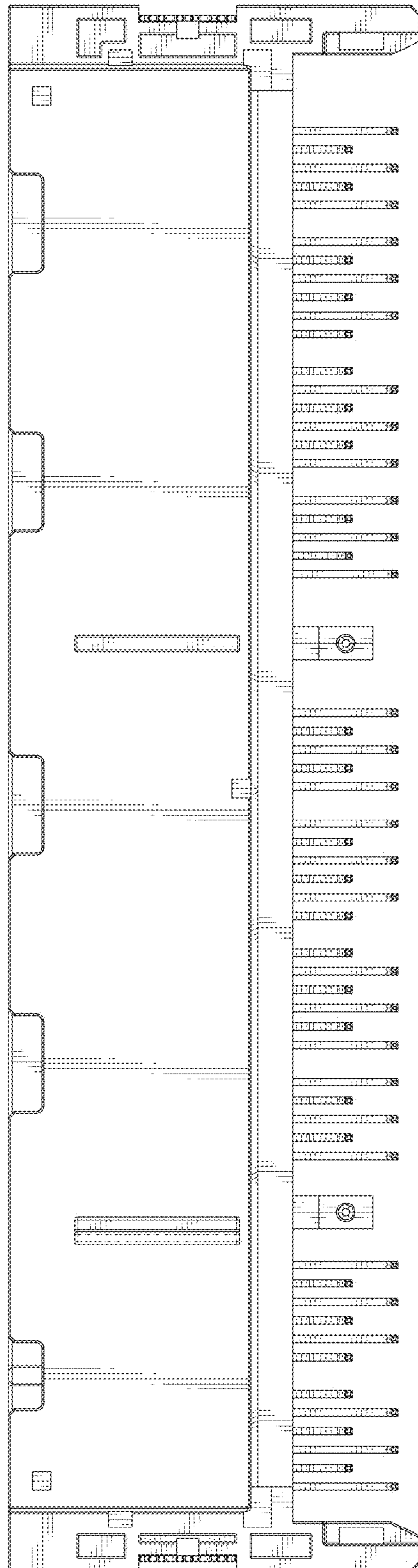


FIG. 6

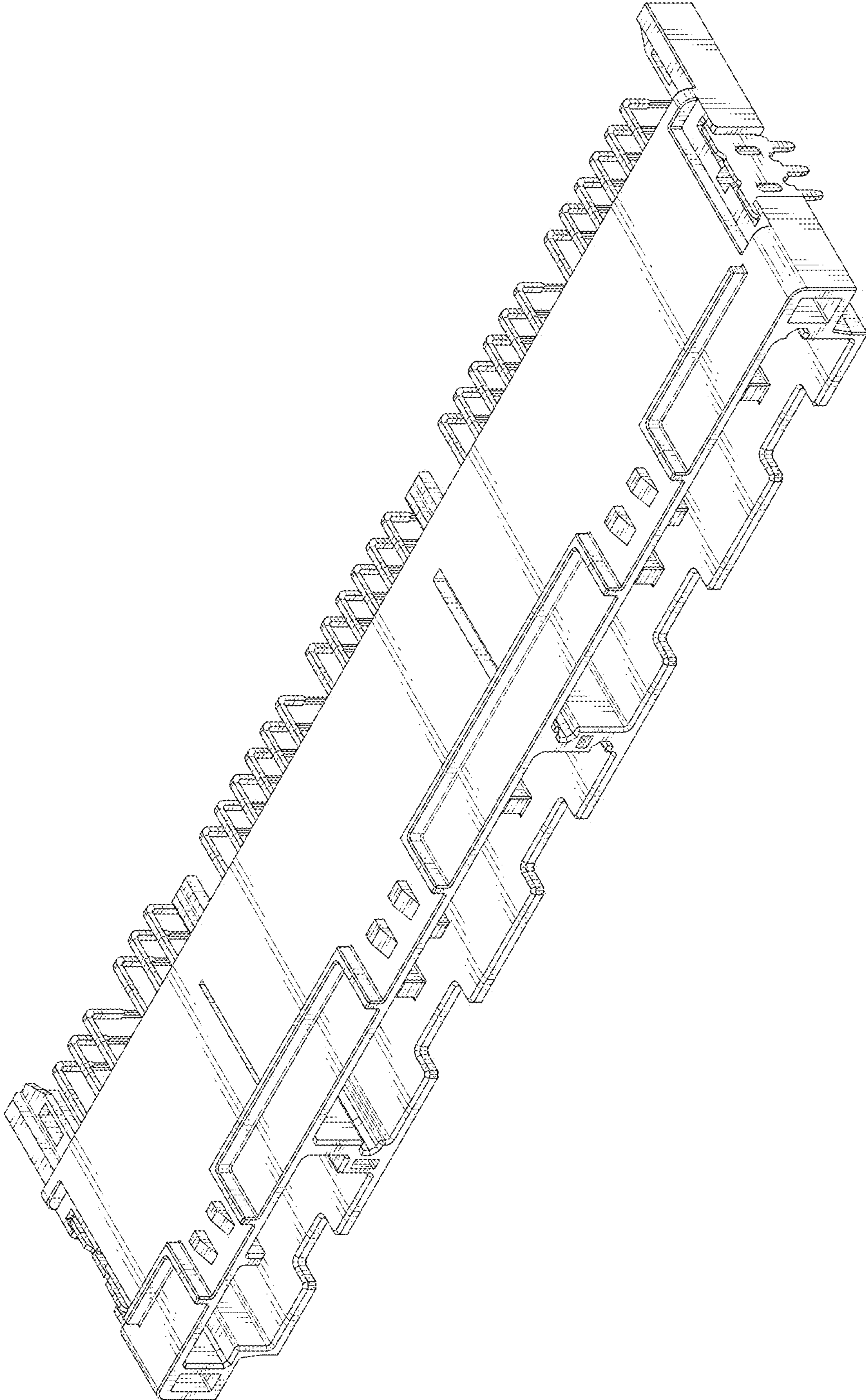


FIG. 7

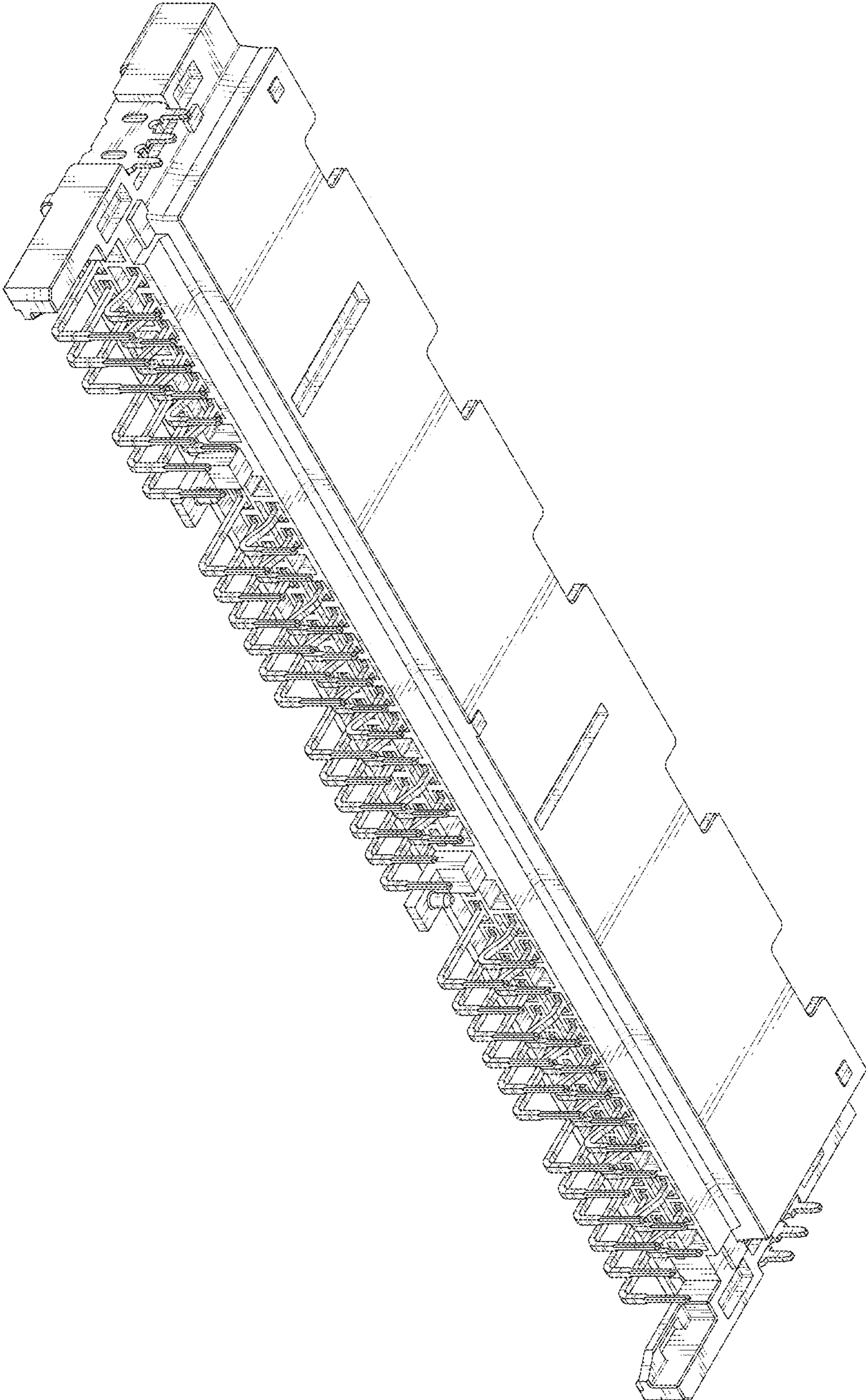


FIG. 8



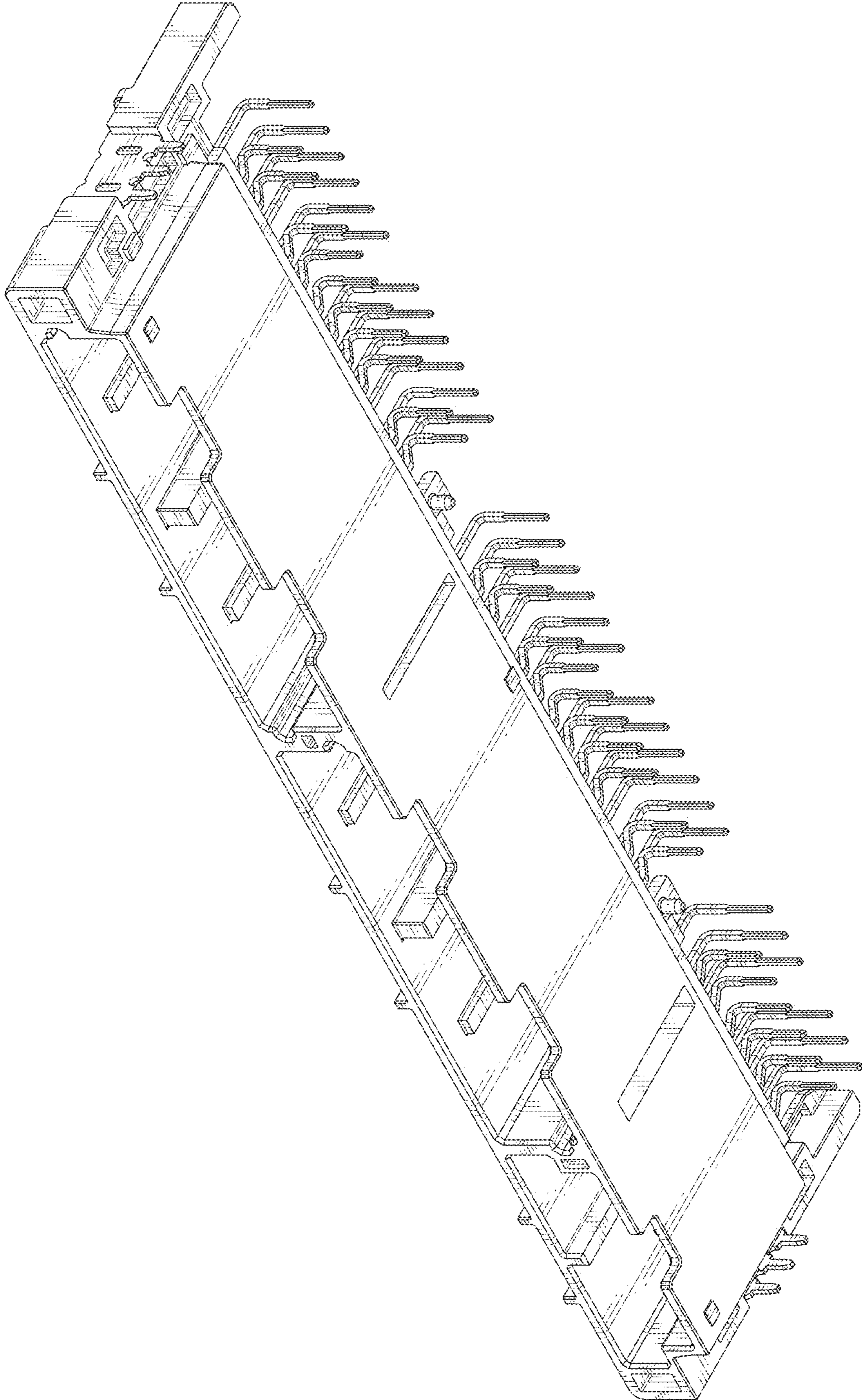


FIG. 9

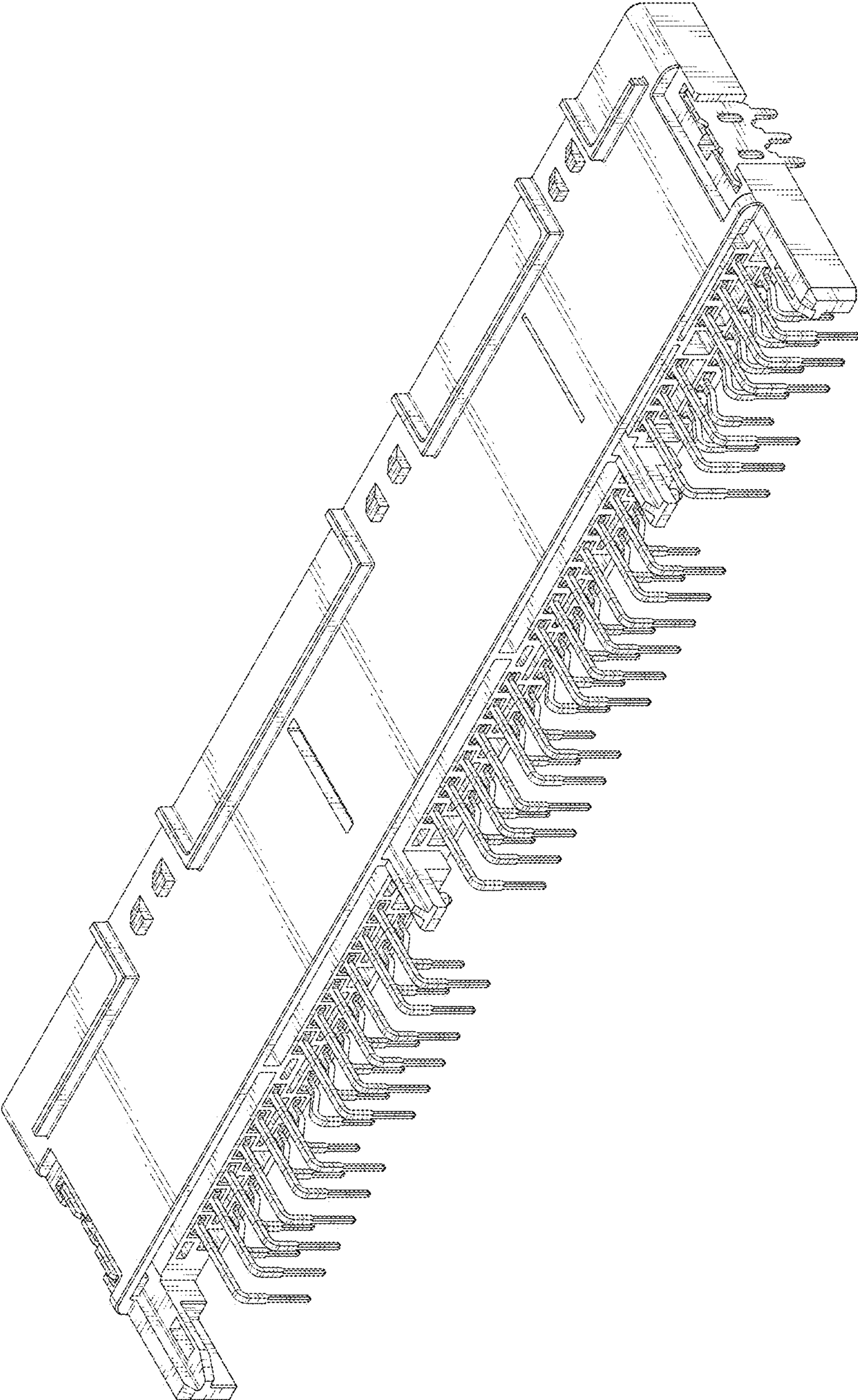


FIG. 10