



US00D562770S

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

(10) **Patent No.:** **US D562,770 S**

(45) **Date of Patent:** **\*\* Feb. 26, 2008**

(54) **ELECTRICAL CONNECTOR**

(75) Inventor: **Hiroaki Obikane**, Tokyo (JP)

(73) Assignee: **Japan Aviation Electronics Industry, Limited**, Tokyo (JP)

(\*\*) Term: **14 Years**

(21) Appl. No.: **29/270,805**

(22) Filed: **Jan. 3, 2007**

(30) **Foreign Application Priority Data**

Jul. 5, 2006 (JP) ..... 2006-017693

(51) **LOC (8) Cl.** ..... **13-03**

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

(58) **Field of Classification Search** ..... D13/133,  
D13/146-147, 154, 184; D14/432-433,  
D14/435-436, 438; 439/64, 79, 108, 260,  
439/159-160, 325-326, 329, 394-395, 607-610,  
439/629-630

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D453,734 S *	2/2002	Shimoyama et al.	.....	D13/147
D500,738 S *	1/2005	Obikane et al.	.....	D13/147
7,037,117 B2 *	5/2006	Goto	.....	439/74
7,070,423 B2 *	7/2006	Zhang et al.	.....	439/74

D539,225 S *	3/2007	Kishi et al.	.....	D13/147
D539,227 S *	3/2007	Yamada et al.	.....	D13/147
2004/0102065 A1 *	5/2004	Obikane et al.	.....	439/74
2006/0178022 A1 *	8/2006	Liu	.....	439/74
2006/0276060 A1 *	12/2006	Takano	.....	439/74

\* cited by examiner

*Primary Examiner*—Daniel Bui

(74) *Attorney, Agent, or Firm*—Collard & Roe, P.C.

(57) **CLAIM**

The ornamental design for an electrical connector, as shown and described.

**DESCRIPTION**

FIG. 1 is a front elevational view of an electrical connector, showing my new design;

FIG. 2 is a top plan view thereof;

FIG. 3 is a rear elevational view thereof;

FIG. 4 is a bottom plan view thereof;

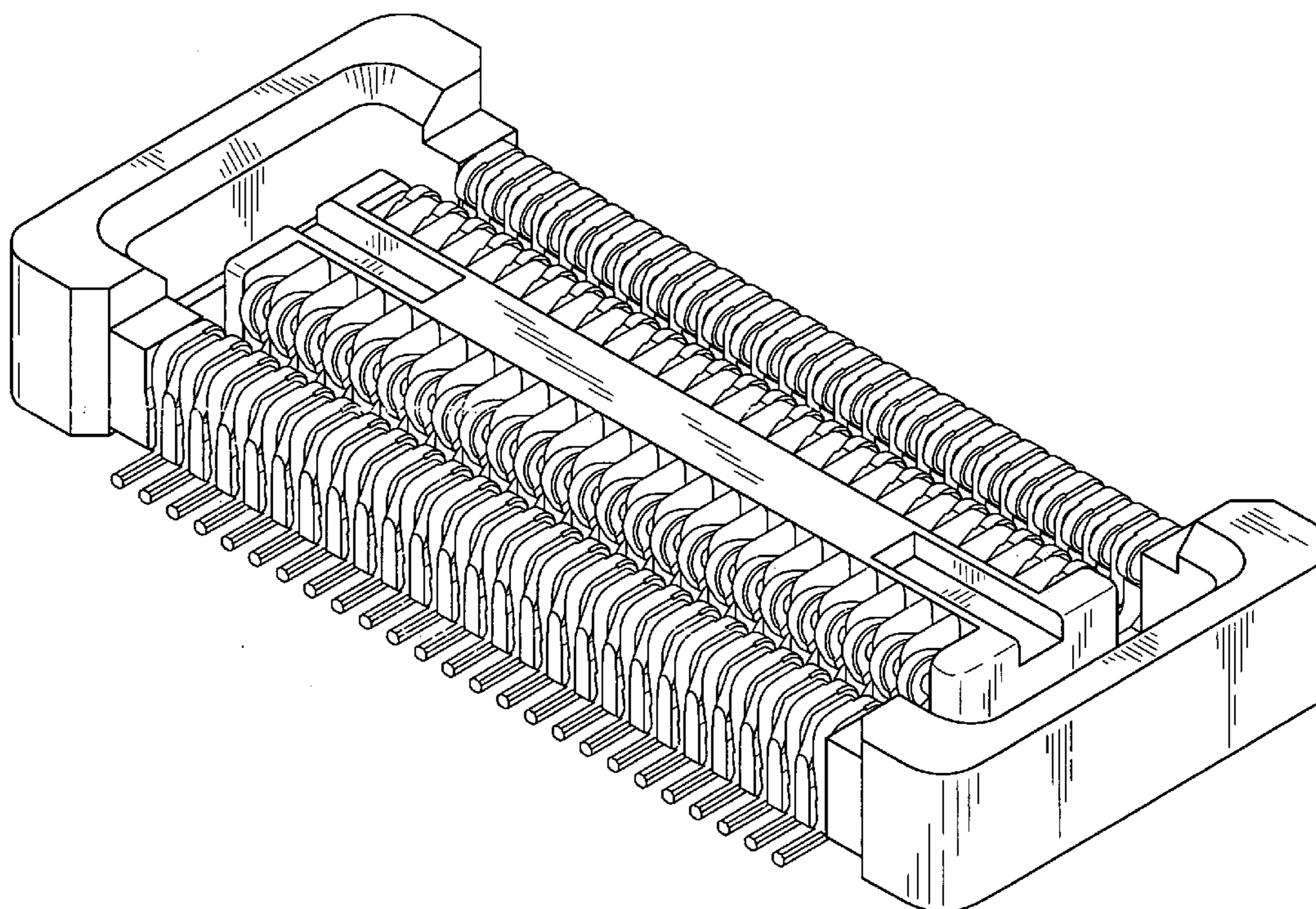
FIG. 5 is a right side elevational view thereof;

FIG. 6 is a left side elevational view thereof; and,

FIG. 7 is a perspective view illustrating of the front, right, and top-side thereof.

The broken line showing of the environment is for illustrative purposes only and forms no part of the claimed design.

**1 Claim, 6 Drawing Sheets**



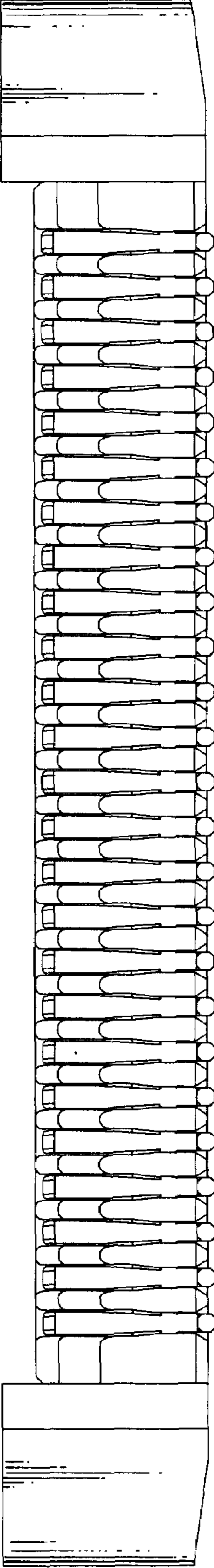


FIG. 1

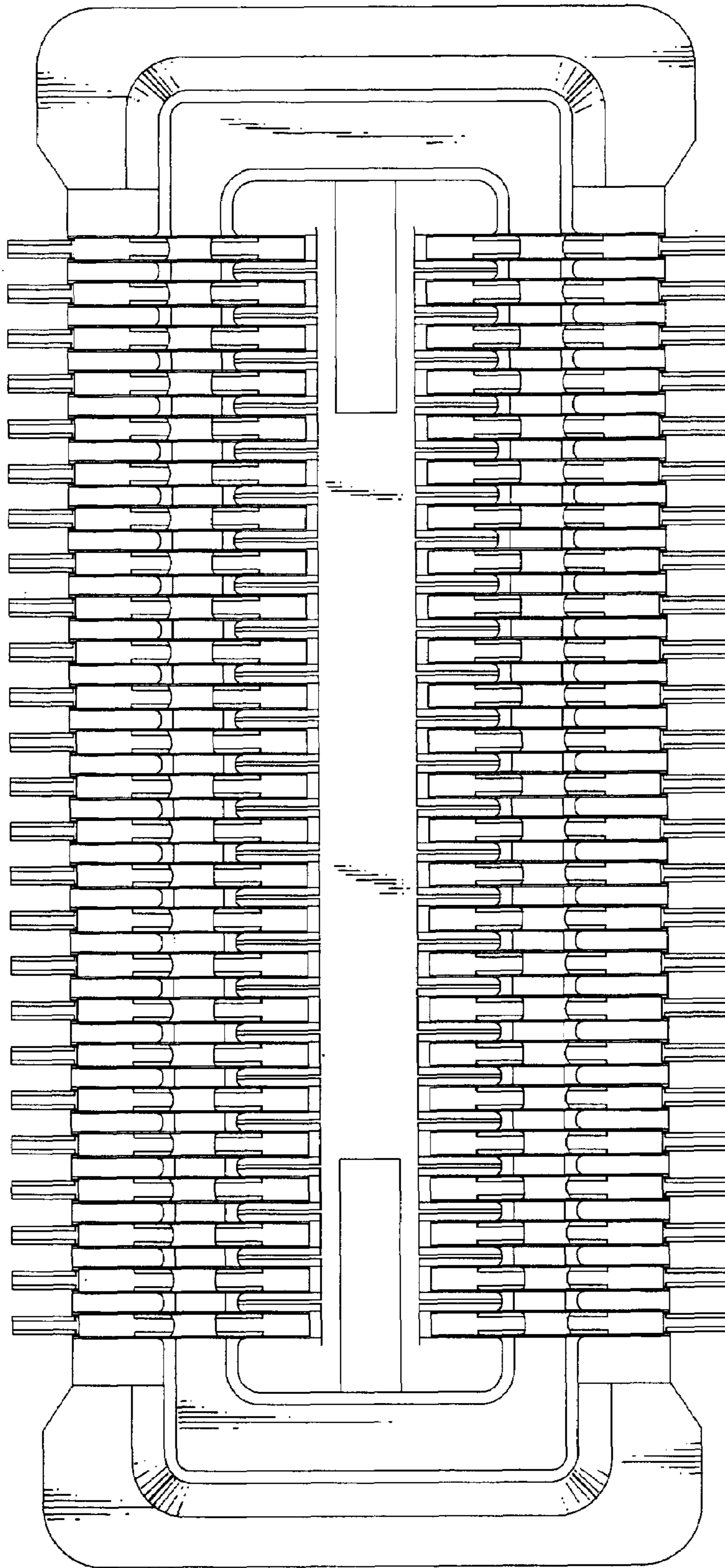


FIG. 2

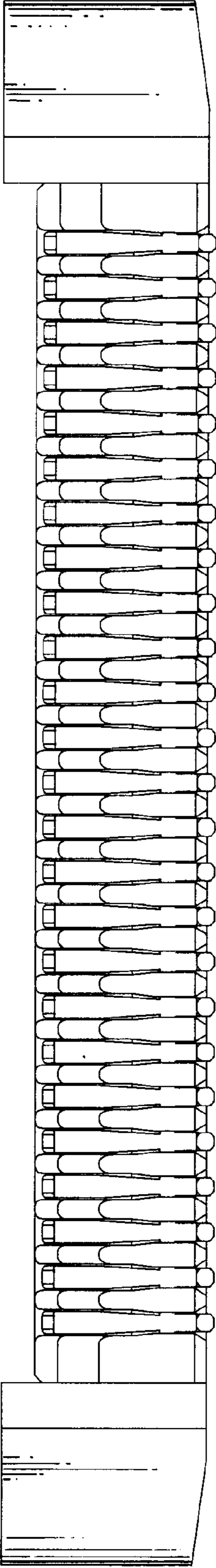


FIG. 3

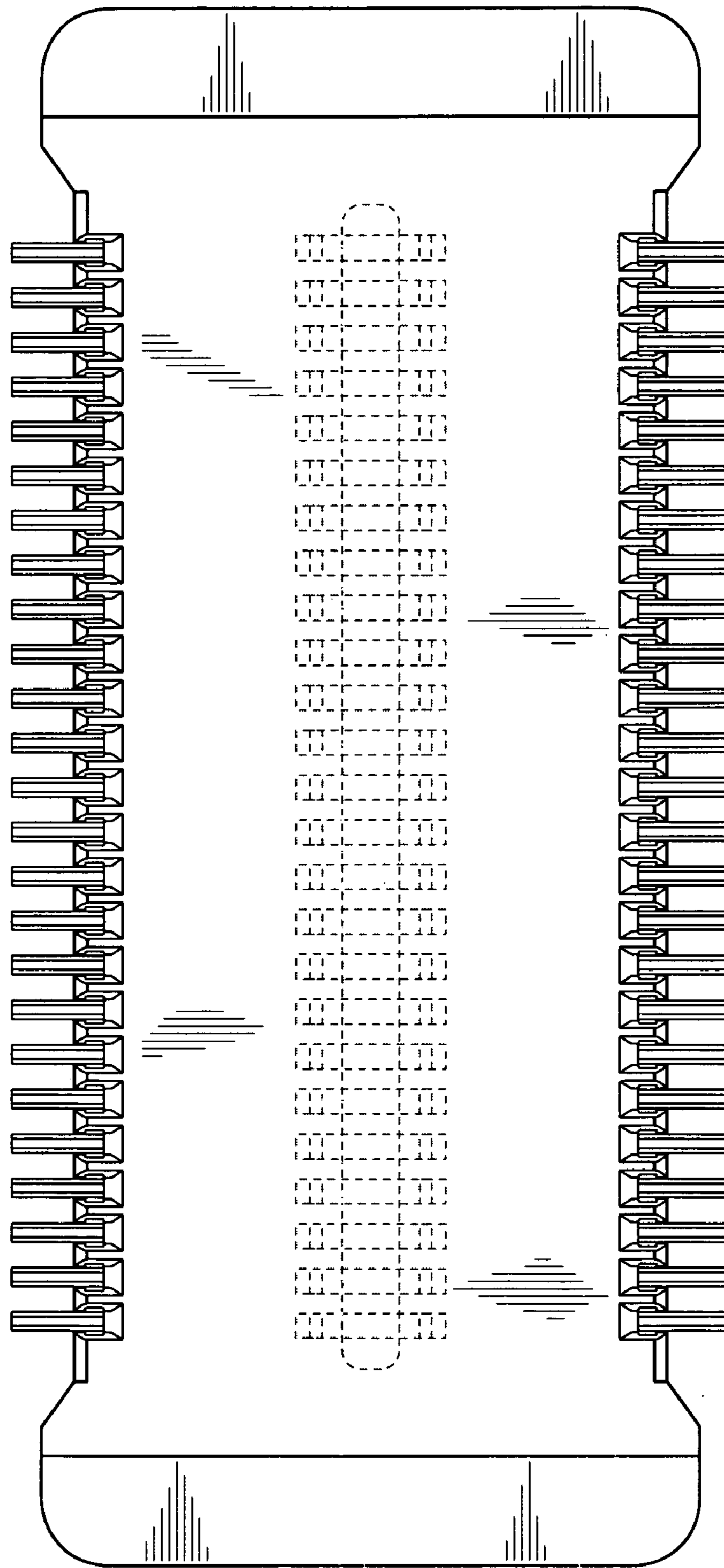


FIG. 4

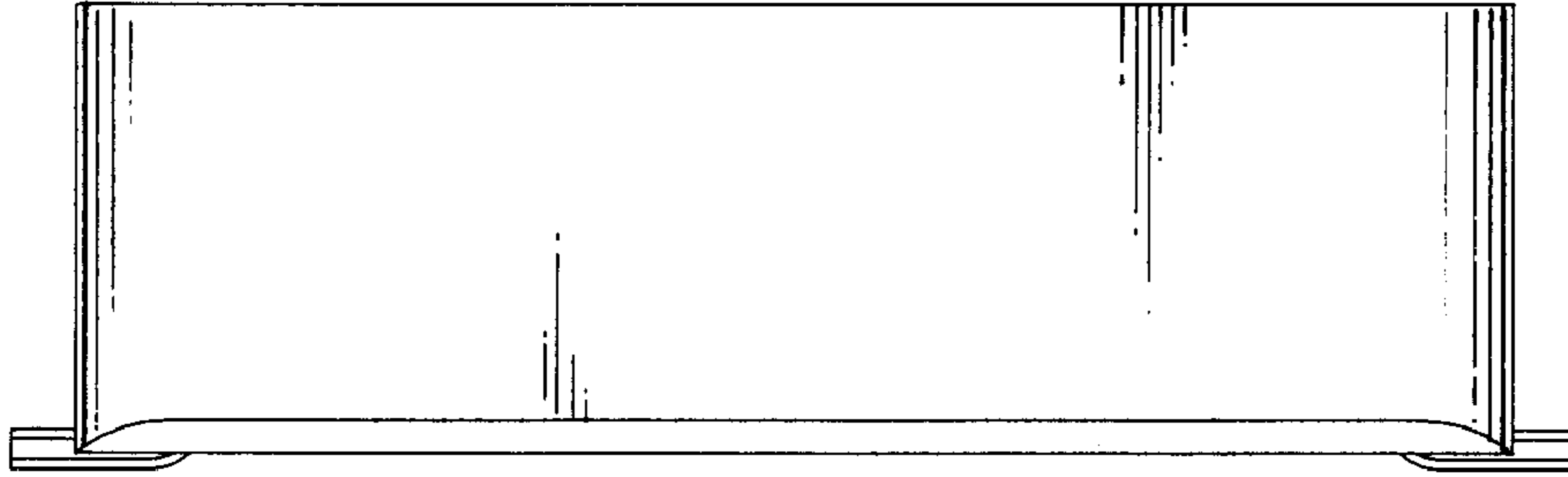


FIG. 5

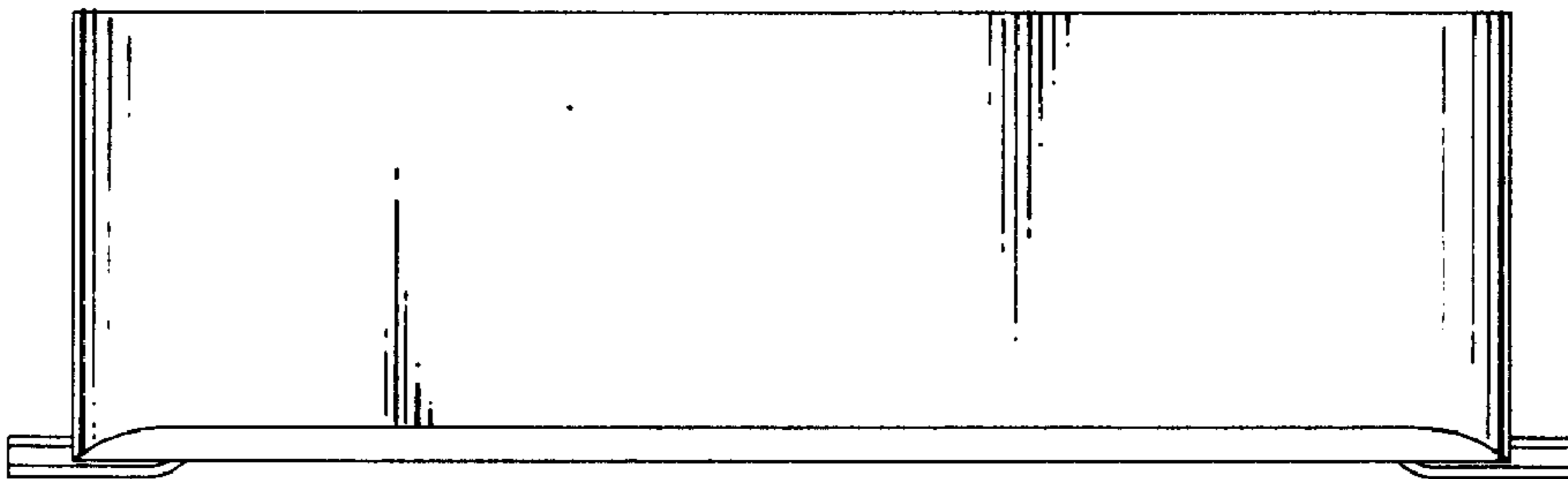


FIG. 6

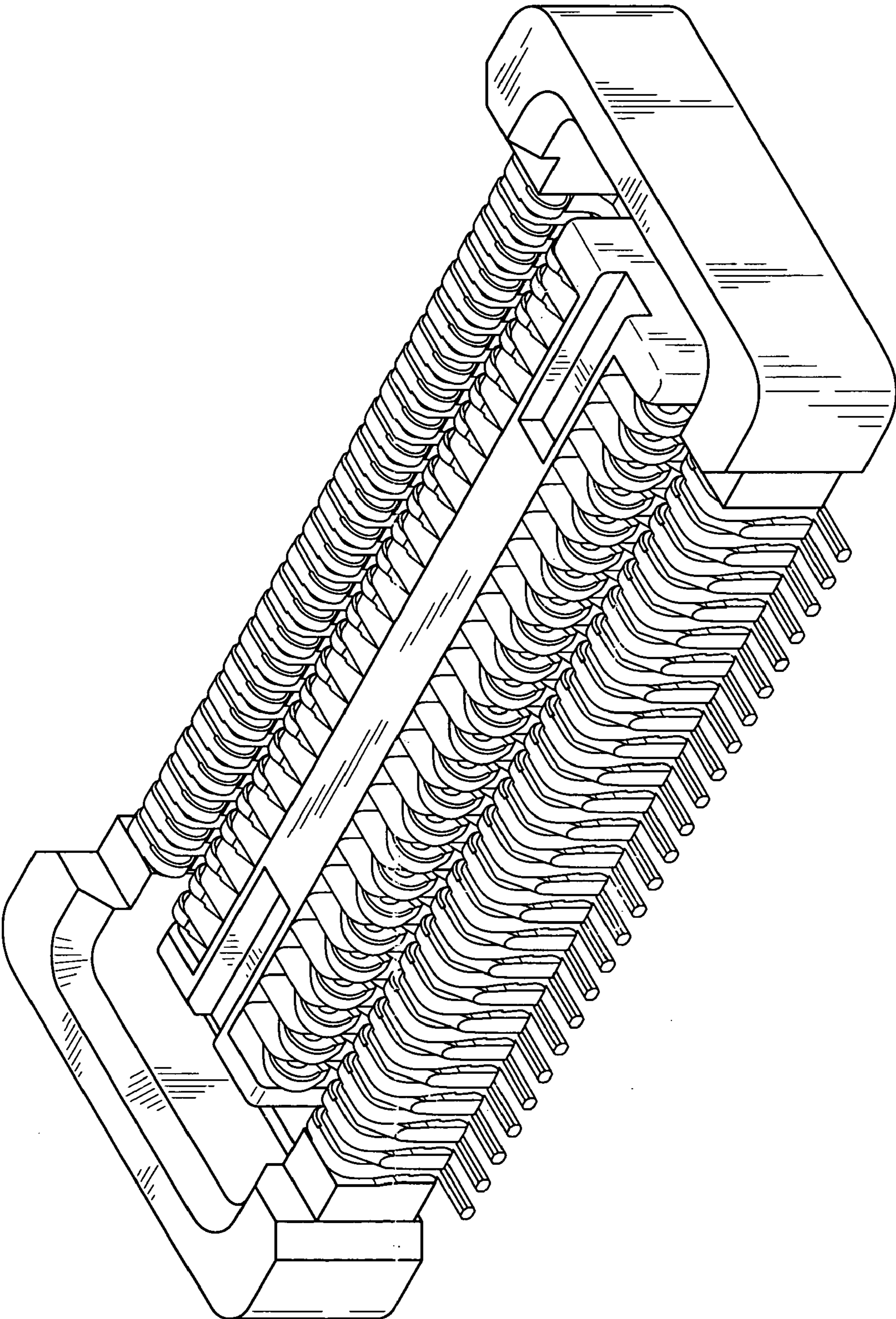


FIG. 7