US00D958090S

(12) United States Design Patent

Buck et al.

(10) Patent No.: US D958,090 S
(45) Date of Patent: ** Jul. 19, 2022

(54) **ELECTRICAL CONNECTOR**

(71) Applicant: **Samtec, Inc.**, New Albany, IN (US)

(72) Inventors: **Jonathan E. Buck**, New Albany, IN (US); **John A. Mongold**, New Albany, IN (US)

(73) Assignee: **SAMTEC, INC.**, New Albany, NY (US)

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

(21) Appl. No.: **29/819,291**

(22) Filed: **Dec. 14, 2021**

Related U.S. Application Data

(60) Division of application No. 29/768,738, filed on Feb. 1, 2021, now Pat. No. Des. 941,779, which is a continuation of application No. 29/721,751, filed on Jan. 23, 2020, now Pat. No. Des. 924,169, which is a continuation of application No. 29/610,936, filed on Jul. 17, 2017, now Pat. No. Des. 877,700.

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

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

(58) **Field of Classification Search**
USPC D13/101, 118, 123, 133, 145–147, 149, D13/151, 154, 184, 199
CPC ... G02B 6/00; H01R 4/24; H01R 9/03; H01R 12/00; H01R 12/14; H01R 12/16; H01R 12/71; H01R 12/72; H01R 12/73; H01R 13/03; H01R 13/04; H01R 13/28; H01R 13/62; H01R 13/627; H01R 13/648; H01R 13/6588; H01R 24/00; H01R 24/60; H01R 24/62
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D318,852	S	*	8/1991	Matsumoto	D13/146
D451,885	S	*	12/2001	Hisatomi	D13/147
D740,757	S	*	10/2015	Scholeno	D13/147
D877,084	S	*	3/2020	Buck	D13/147
D877,700	S	*	3/2020	Buck	D13/133
D896,183	S	*	9/2020	Musser	D13/147
D924,169	S	*	7/2021	Buck	D13/147
2005/0277221	A1	*	12/2005	Mongold	H01R 13/6587 438/83

(Continued)

OTHER PUBLICATIONS

Buck et al., "Electrical Connector", U.S. Appl. No. 29/768,738, filed Feb. 1, 2021.

Primary Examiner — Shawn T Gingrich
(74) *Attorney, Agent, or Firm* — Keating & Bennett, LLP

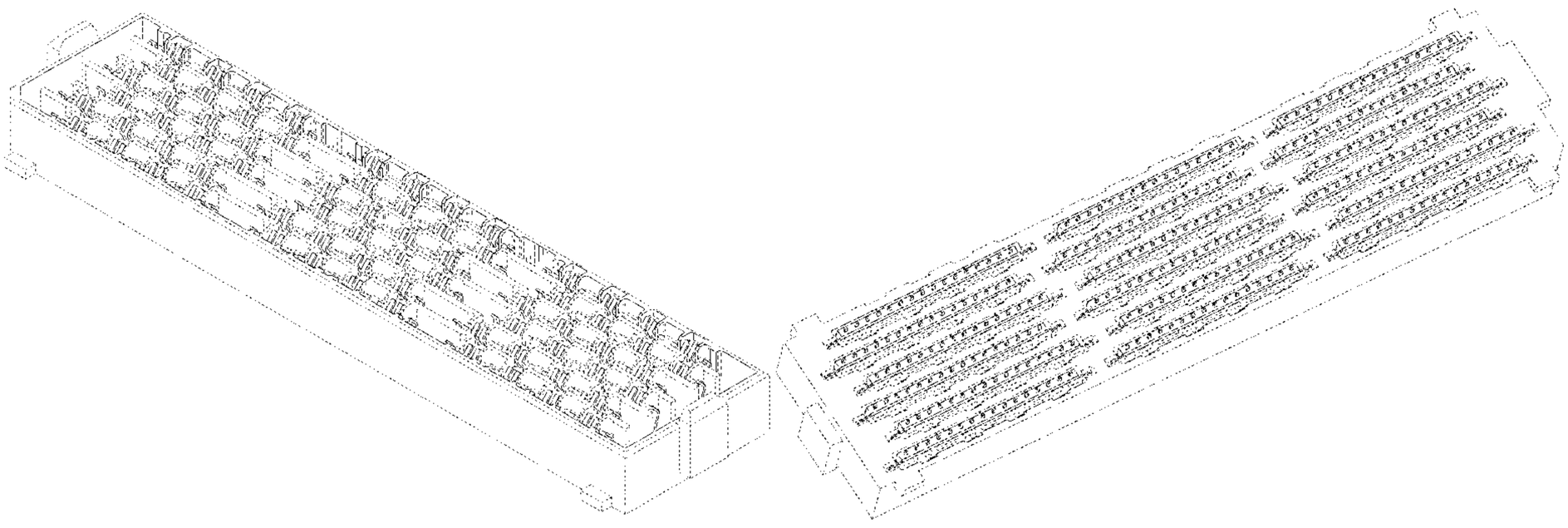
(57) **CLAIM**

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

DESCRIPTION

FIG. **1** is a top, front, and right side perspective view of an electrical connector showing our new design;
FIG. **2** is a top, back, and left side perspective view thereof;
FIG. **3** is a top, back, and left side perspective view thereof;
FIG. **4** is bottom, front, and right side perspective view thereof;
FIG. **5** is a top view thereof;
FIG. **6** is a bottom view thereof;
FIG. **7** is a back view thereof;
FIG. **8** is a front view thereof;
FIG. **9** is a left side view thereof; and,
FIG. **10** is a right side view thereof.
The broken lines in the drawing views are included to show portions of the electrical connector that form no part of the claimed design.

1 Claim, 10 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

2013/0059471	A1*	3/2013	Mongold	H05K 1/0218 439/607.14
2015/0038002	A1*	2/2015	Sabo	H01R 4/2433 439/395
2015/0038018	A1*	2/2015	Matsuzawa	H01R 13/518 439/638
2019/0288420	A1*	9/2019	Hashiguchi	H01R 13/112
2021/0126404	A1*	4/2021	Laurx	H01R 12/75

* cited by examiner

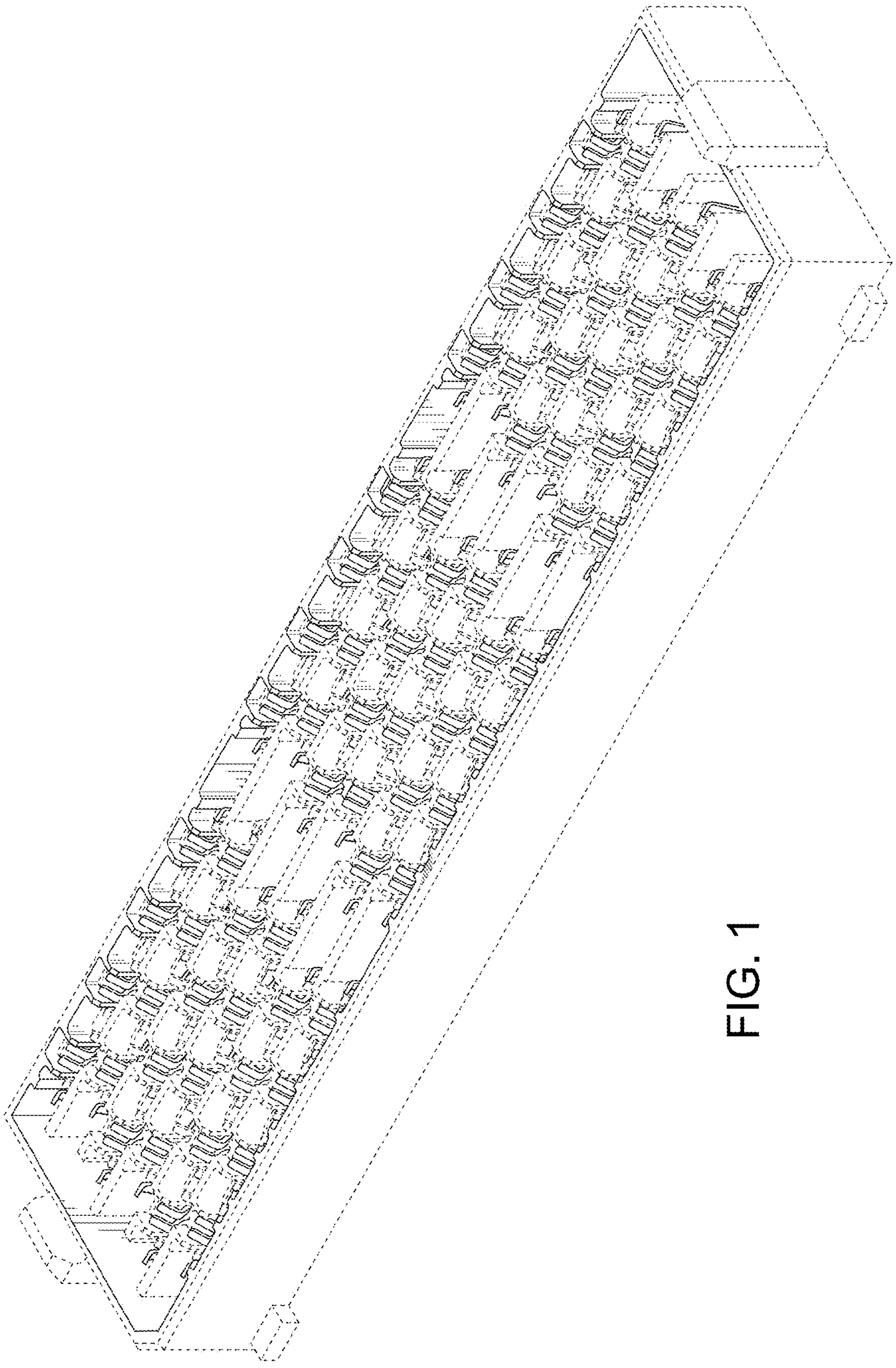


FIG. 1

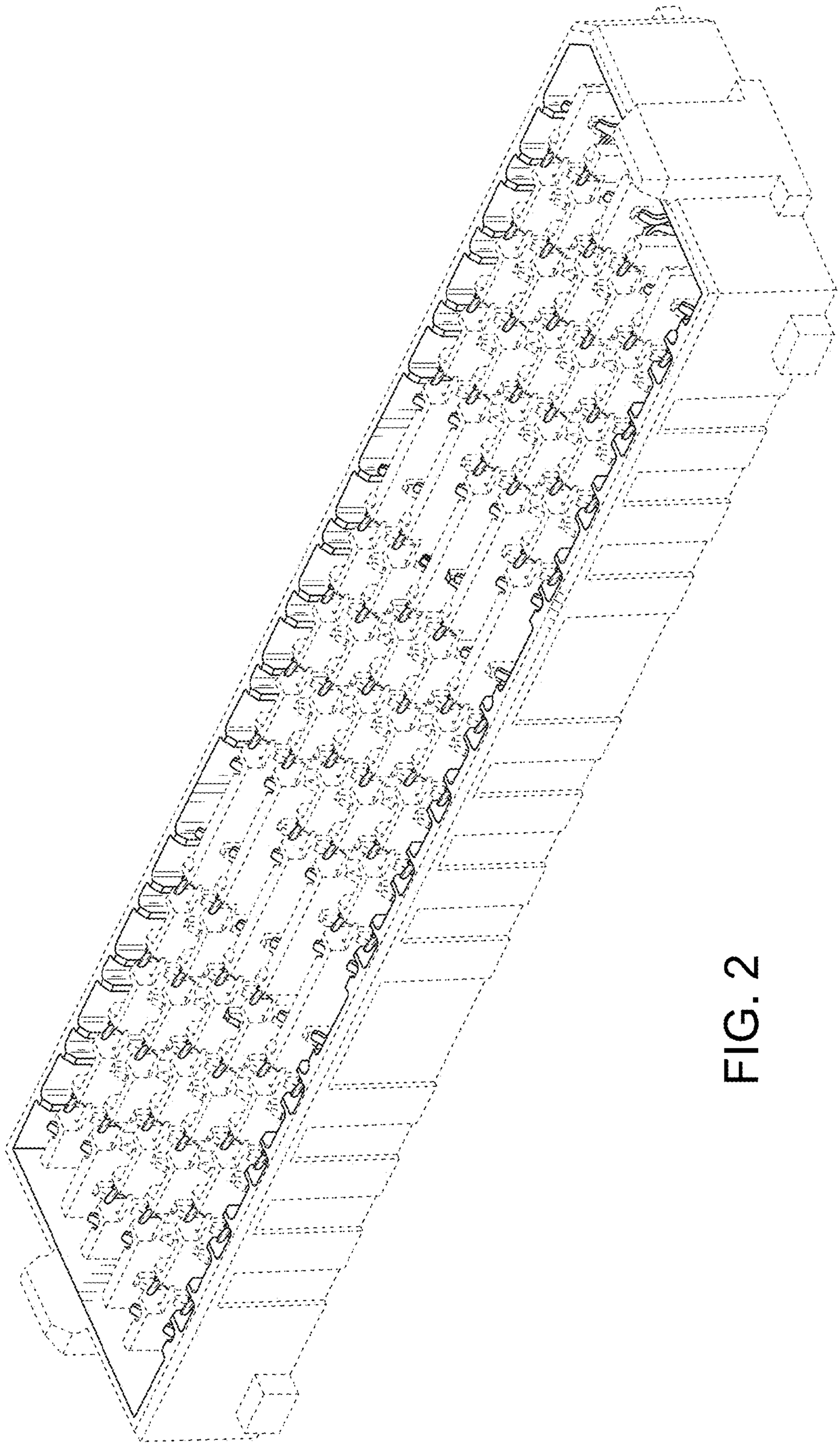


FIG. 2

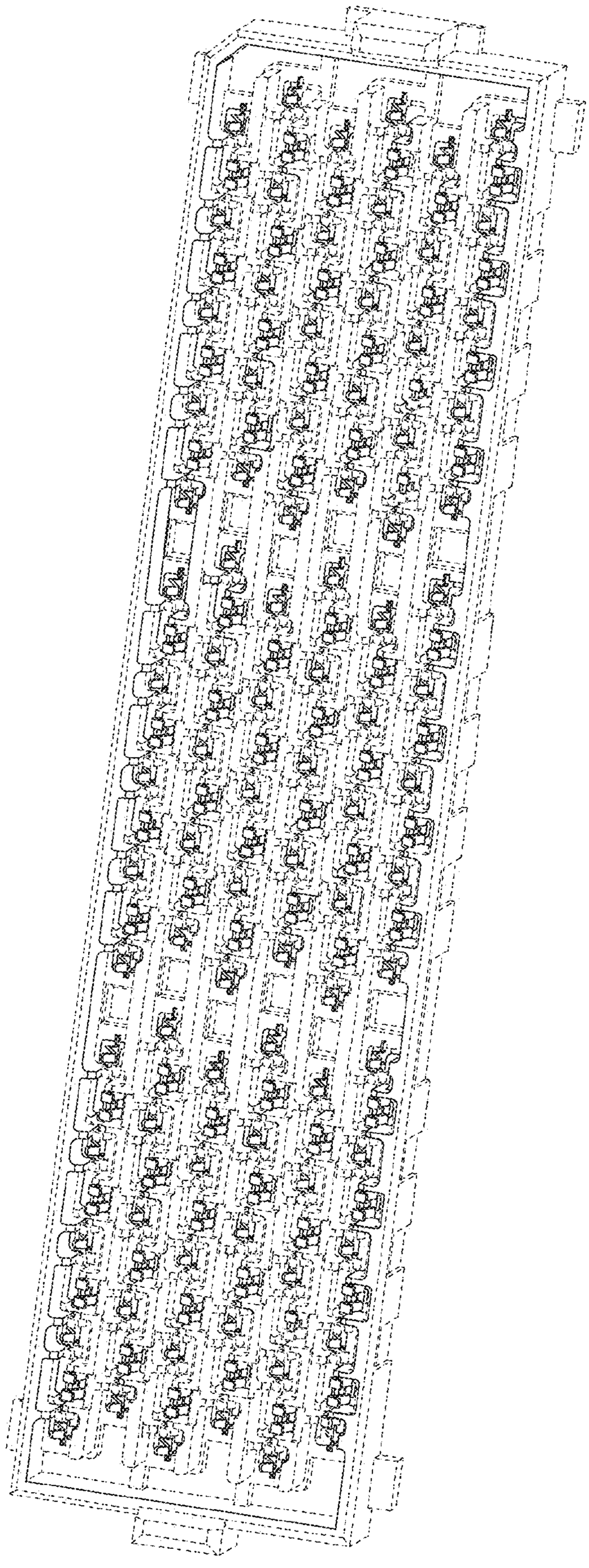


FIG. 3

REPLACEMENT SHEET

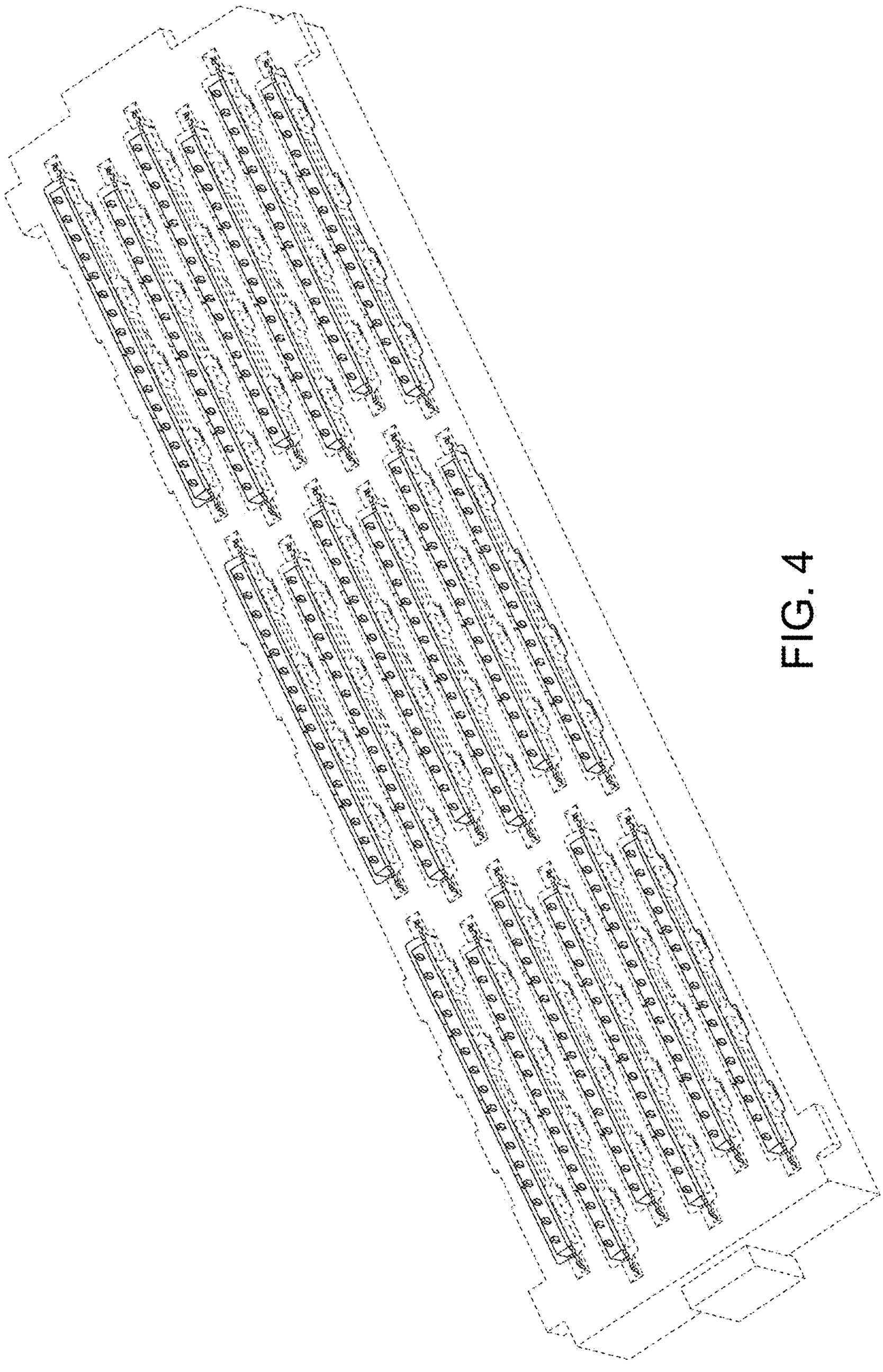


FIG. 4

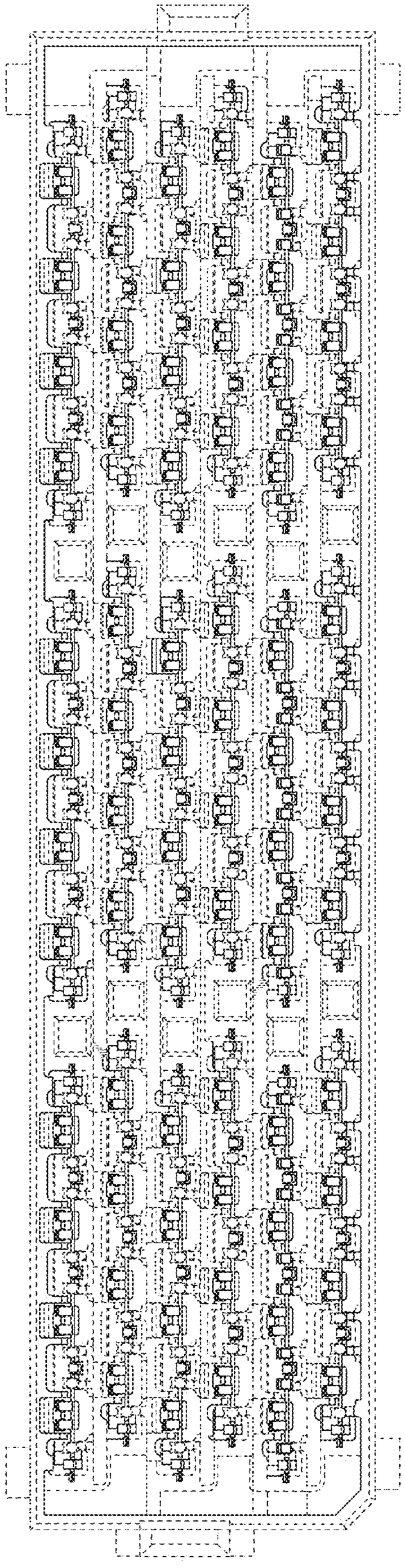


FIG. 5

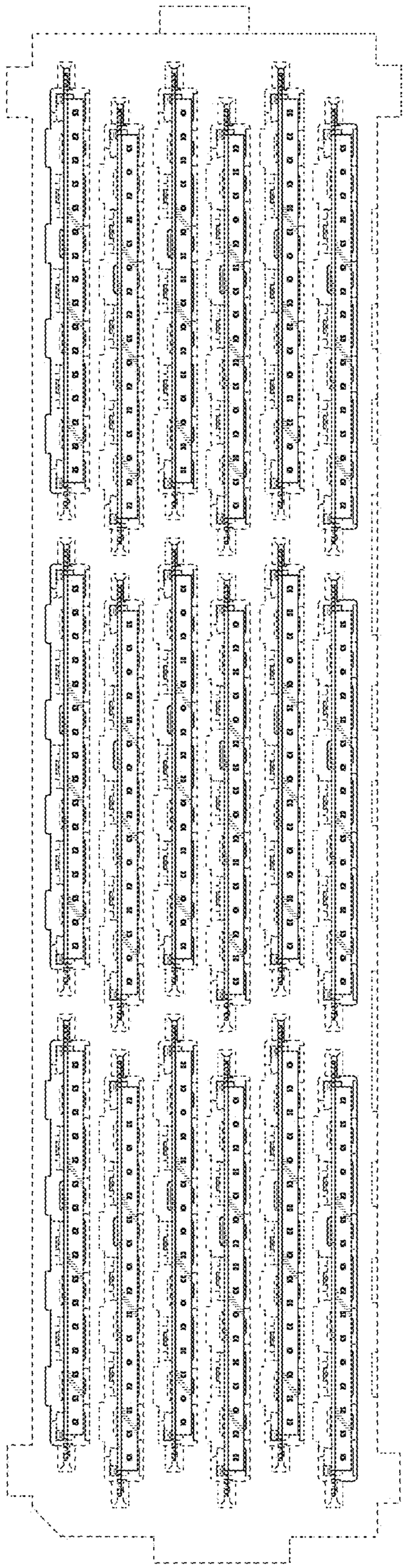


FIG. 6

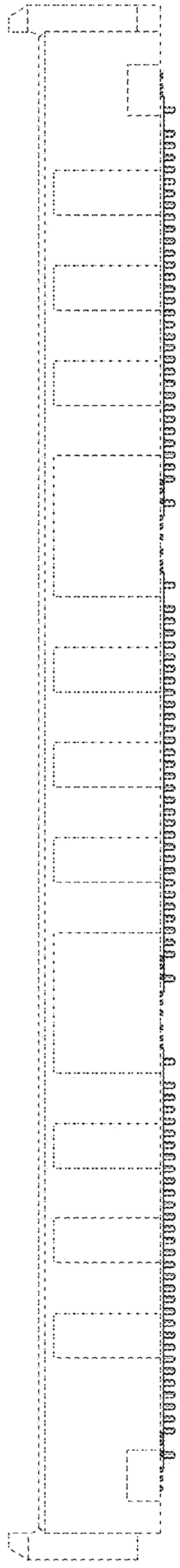


FIG. 7

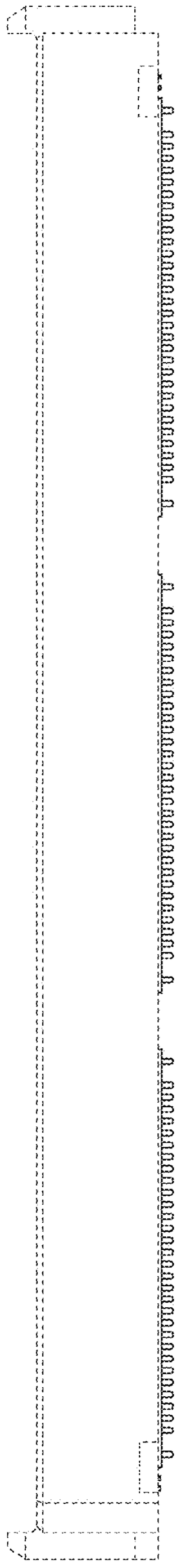


FIG. 8

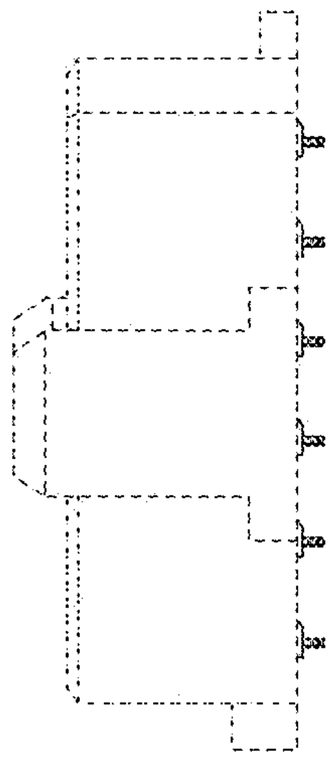


FIG. 9

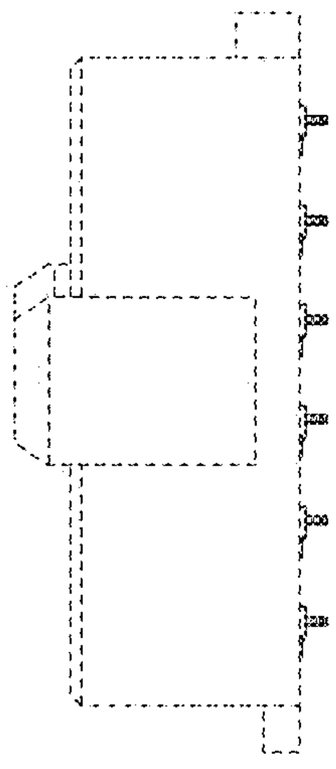


FIG. 10