



US00D704655S

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

(10) **Patent No.:** **US D704,655 S**

(45) **Date of Patent:** **\*\* \*May 13, 2014**

(54) **ELECTRICAL CONNECTOR**

(71) Applicant: **AirBorn, Inc.**, Georgetown, TX (US)

(72) Inventors: **Jason Smith**, Houston, TX (US); **Emad Soubh**, Camas, WA (US); **John Grant**, Sherborn, MA (US)

(73) Assignee: **AirBorn, Inc.**, Georgetown, TX (US)

(\*) Notice: This patent is subject to a terminal disclaimer.

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

(21) Appl. No.: **29/437,282**

(22) Filed: **Nov. 14, 2012**

(51) **LOC (10) Cl.** ..... **13-03**

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

(58) **Field of Classification Search**  
USPC ..... D13/146, 147, 154, 184, 199;  
439/78-79, 82, 180, 246, 252, 278,  
439/350-351, 353, 357, 374, 378-379, 381,  
439/527, 529, 533, 660, 676-677, 680, 686,  
439/692, 892, 894

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

|           |     |         |                  |         |
|-----------|-----|---------|------------------|---------|
| 3,002,175 | A * | 9/1961  | Rosenfeld et al. | 439/564 |
| D194,501  | S * | 2/1963  | Maurer           | D13/147 |
| 3,501,736 | A * | 3/1970  | Norris           | 439/353 |
| D269,673  | S * | 7/1983  | Johansson et al. | D13/147 |
| D272,145  | S * | 1/1984  | Casciotti et al. | D13/147 |
| D274,719  | S * | 7/1984  | Casciotti et al. | D13/147 |
| D328,595  | S * | 8/1992  | Lou              | D14/438 |
| D330,704  | S * | 11/1992 | Wagner           | D14/242 |
| D335,486  | S * | 5/1993  | Fatalo           | D13/147 |
| 5,273,453 | A * | 12/1993 | Manassero et al. | 439/352 |

|           |     |         |                |         |
|-----------|-----|---------|----------------|---------|
| 5,277,596 | A * | 1/1994  | Dixon          | 439/79  |
| D372,460  | S * | 8/1996  | Aramaki        | D13/147 |
| 5,860,815 | A * | 1/1999  | Feldman et al. | 439/79  |
| D409,573  | S * | 5/1999  | Shimojo et al. | D13/147 |
| D409,575  | S * | 5/1999  | Okamoto        | D13/147 |
| D414,162  | S * | 9/1999  | Huang          | D13/147 |
| D427,565  | S * | 7/2000  | Lok            | D13/147 |
| D432,501  | S * | 10/2000 | Ohtani         | D13/147 |
| 6,155,887 | A   | 12/2000 | Cuff et al.    |         |
| 6,220,869 | B1  | 4/2001  | Grant et al.   |         |
| 6,318,632 | B1  | 11/2001 | Grant et al.   |         |
| D451,476  | S * | 12/2001 | Wang et al.    | D13/147 |
| D458,901  | S * | 6/2002  | Larsen et al.  | D13/147 |
| D459,310  | S * | 6/2002  | Tanaka         | D13/147 |
| 6,877,992 | B2  | 4/2005  | Grant et al.   |         |
| 7,021,942 | B2  | 4/2006  | Grant et al.   |         |
| 7,187,076 | B2  | 3/2007  | Cuff et al.    |         |
| D543,508  | S   | 5/2007  | Dever          |         |
| D549,659  | S   | 8/2007  | Dever          |         |

(Continued)

*Primary Examiner* — Daniel Bui

(74) *Attorney, Agent, or Firm* — Locke Lord LLP

(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a top perspective view of an electrical connector showing our new design;

FIG. 2 is a front elevation view thereof;

FIG. 3 is a back elevation view thereof;

FIG. 4 is a left side elevation view thereof;

FIG. 5 is a right side elevation view thereof;

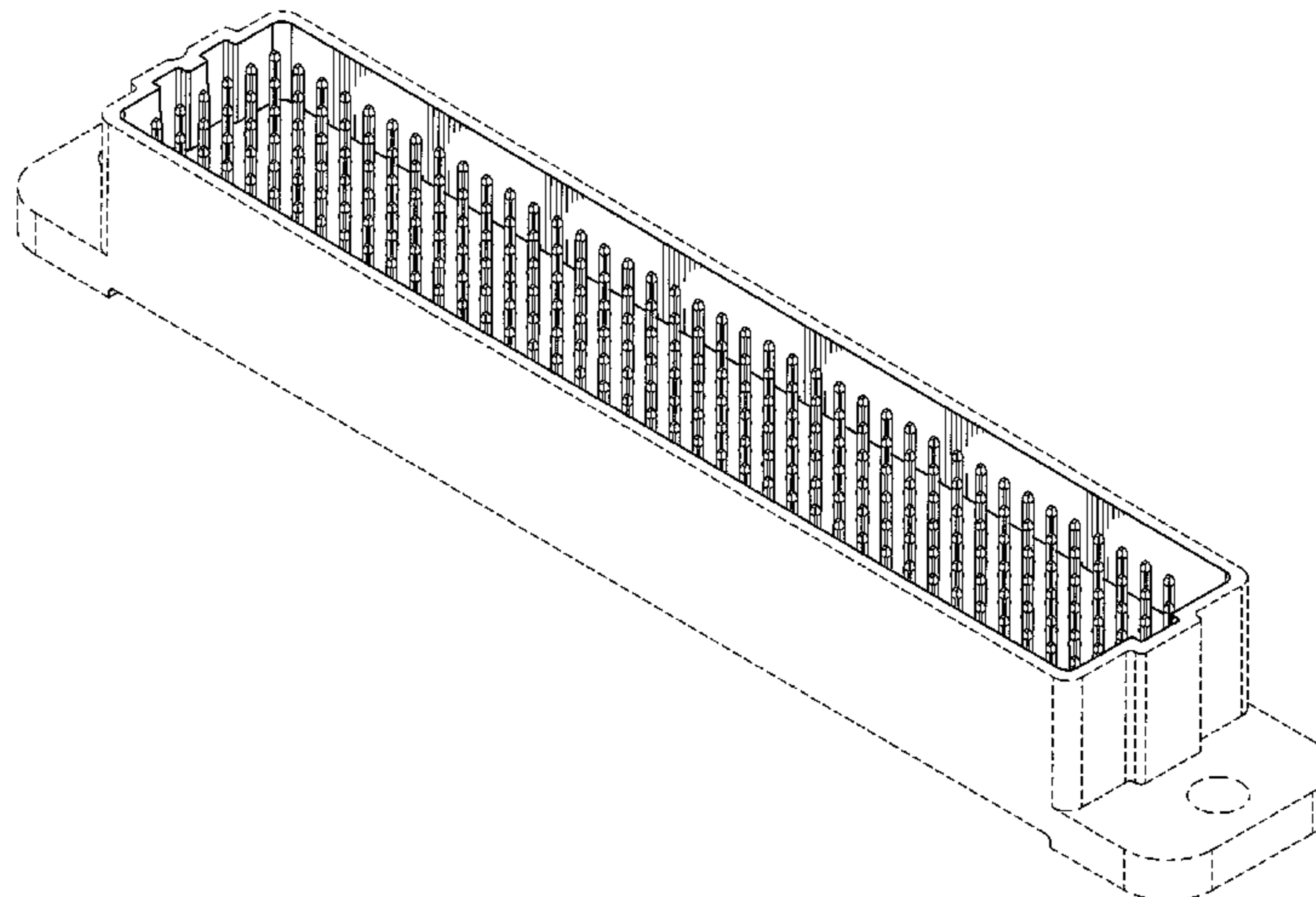
FIG. 6 is a top elevation view thereof;

FIG. 7 is a bottom elevation view thereof; and,

FIG. 8 is a bottom perspective view thereof.

The broken line in the figure drawing views is included for the purpose of illustrating unclaimed environment only and forms no part of the claim designed.

**1 Claim, 5 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D560,613 S 1/2008 McEvoy et al.  
D560,614 S 1/2008 McEvoy et al.  
D561,103 S 2/2008 Grant  
D561,107 S 2/2008 Cuff et al.  
D561,108 S 2/2008 Cuff et al.  
D561,109 S 2/2008 Howerton et al.  
D561,110 S 2/2008 Howerton et al.  
D561,698 S 2/2008 Cuff et al.  
D562,248 S 2/2008 Howerton et al.  
D562,249 S 2/2008 Howerton et al.

D562,775 S 2/2008 Cuff et al.  
D563,877 S 3/2008 Grant  
D563,878 S 3/2008 Grant  
D563,879 S 3/2008 Grant  
D563,880 S 3/2008 Grant  
D563,881 S 3/2008 Howerton et al.  
D563,882 S 3/2008 Howerton et al.  
D563,883 S 3/2008 Dever  
D563,884 S 3/2008 Dever  
D563,885 S 3/2008 Dever  
D563,886 S 3/2008 Dever  
D563,887 S 3/2008 Dever

\* cited by examiner

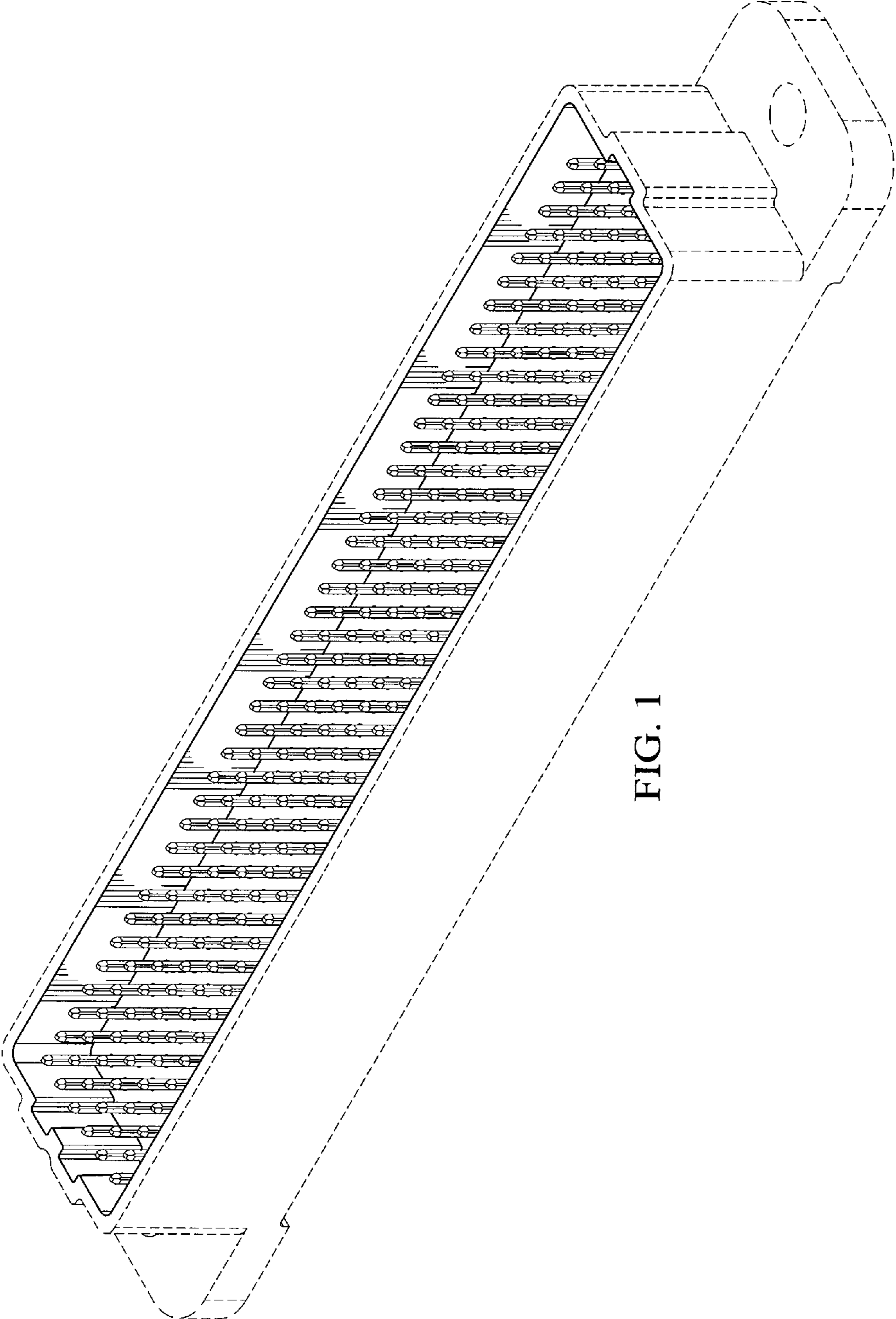


FIG. 1

FIG. 2

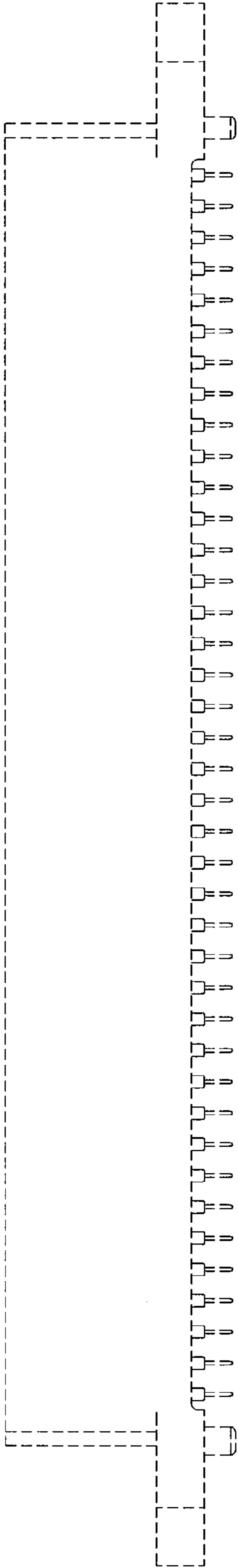


FIG. 3

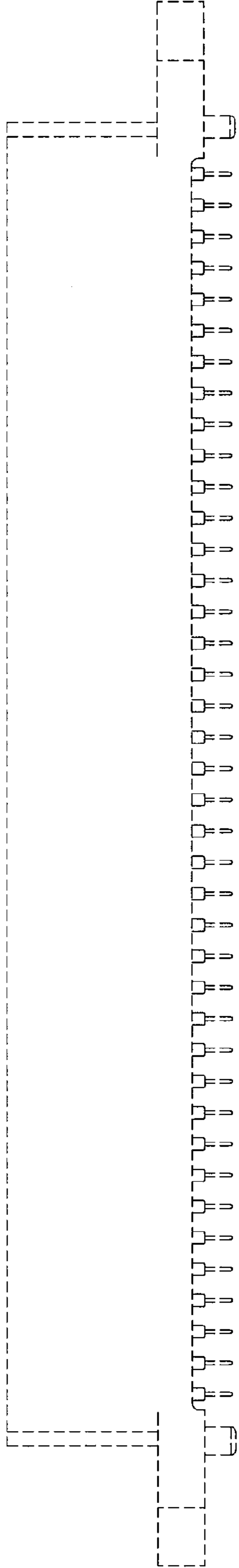


FIG. 5

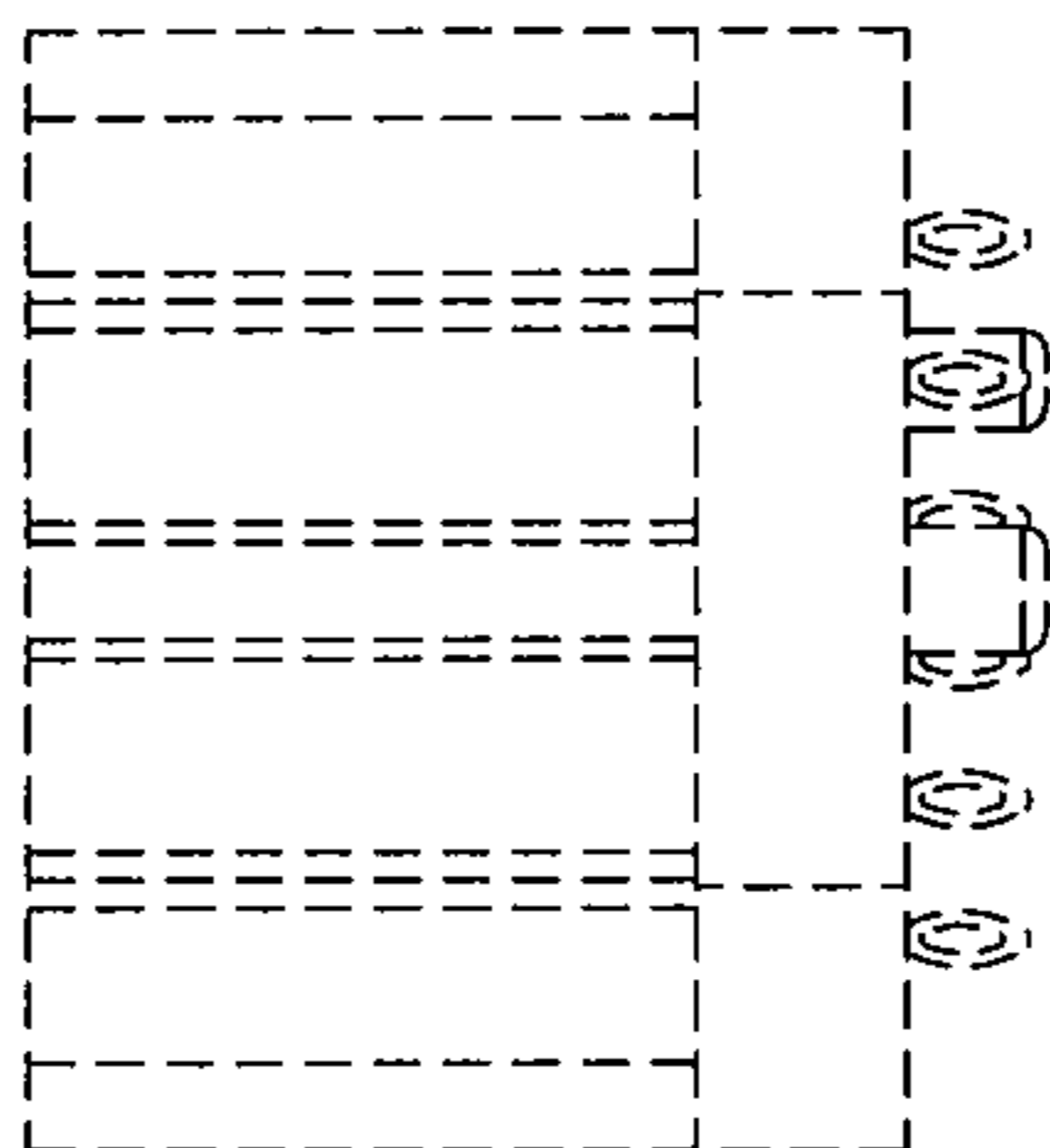


FIG. 4

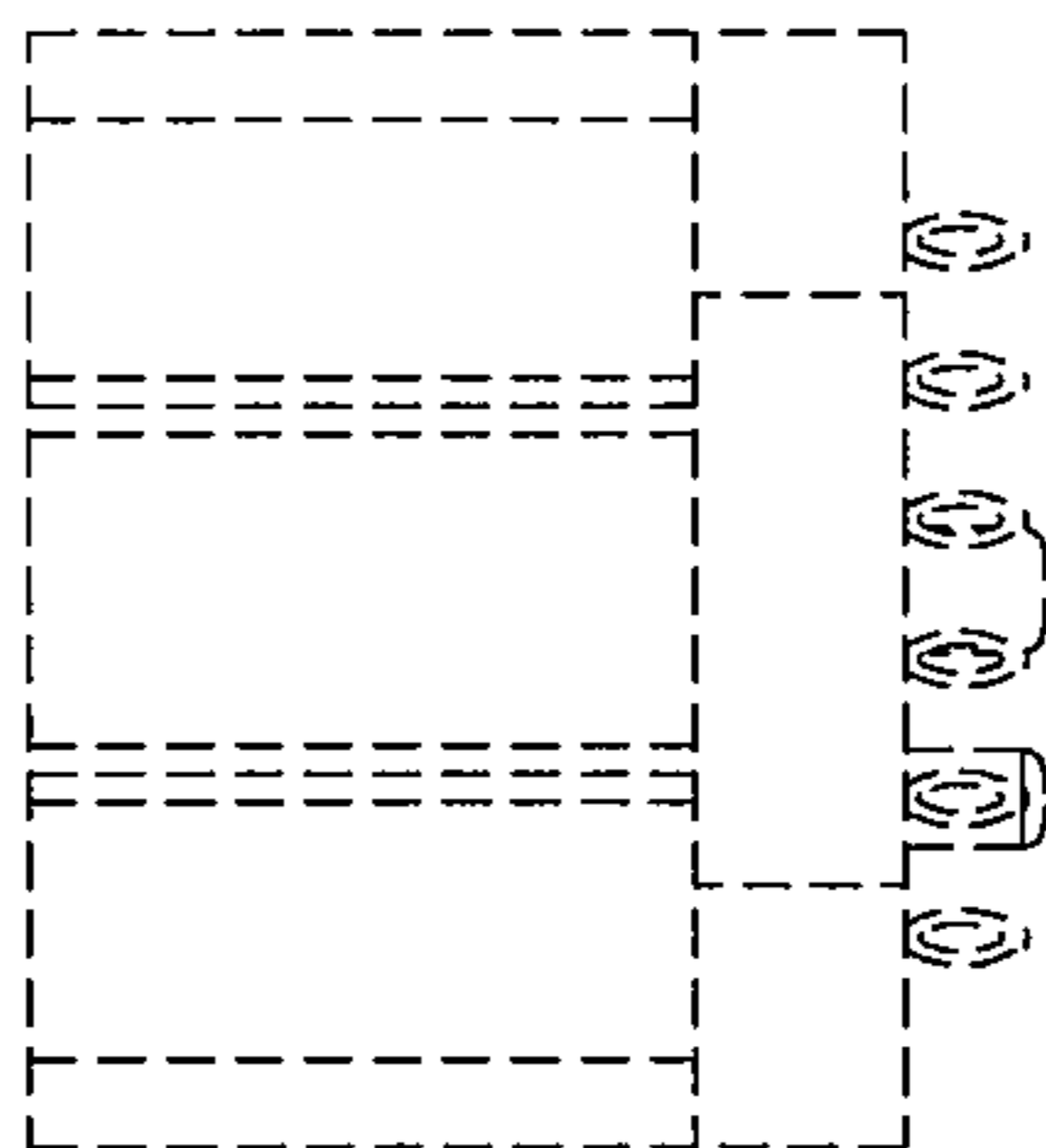




FIG. 6

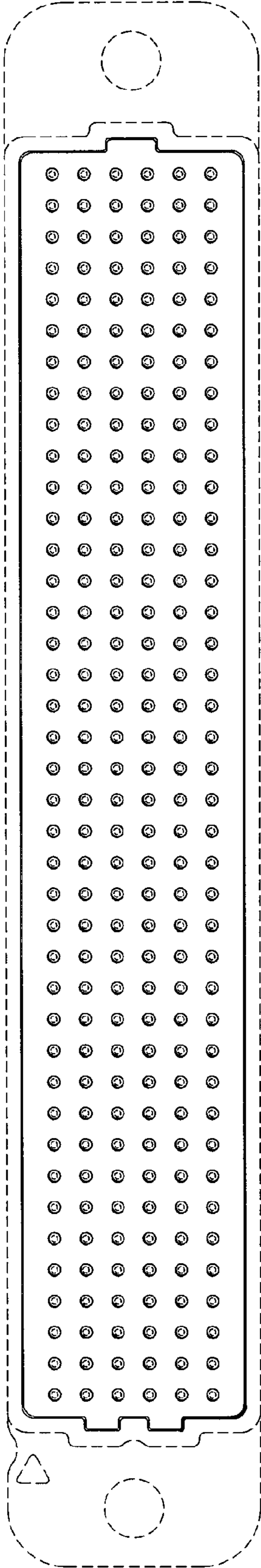
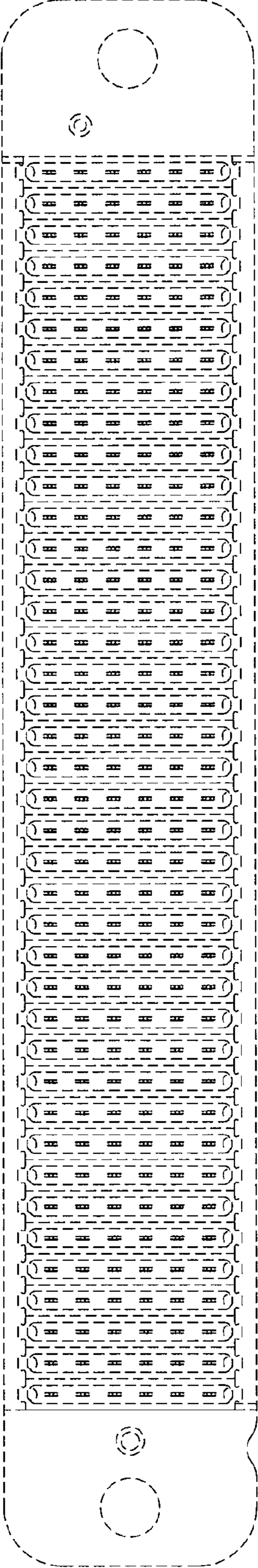


FIG. 7



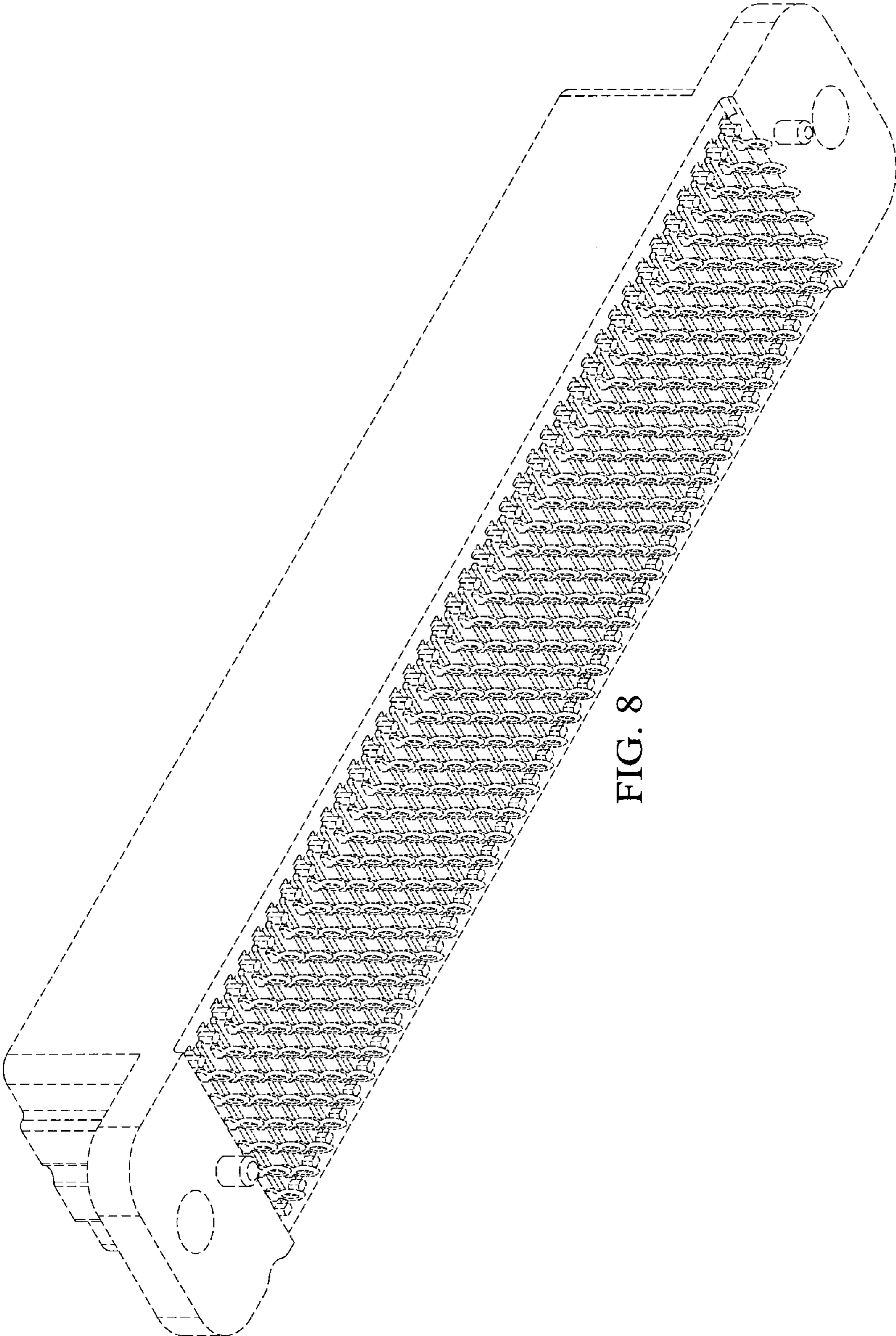


FIG. 8