



US00D706221S

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

(10) **Patent No.:** **US D706,221 S**  
(45) **Date of Patent:** **\*\* Jun. 3, 2014**

(54) **LOW-PROFILE RIGHT-ANGLE BOARD-MOUNT CONNECTOR ASSEMBLY**

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

(72) Inventors: **John Grant**, Sherborn, MA (US);  
**Emillio Billi**, Novara (IT); **Jason Smith**, Sartell, MN (US); **Emad Soubh**, Camas, WA (US)

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

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

(21) Appl. No.: **29/437,263**

(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
D234,771	S *	4/1975	Saunders	.....	D13/147
D311,517	S *	10/1990	Kameyama et al.	.....	D13/147
D316,703	S *	5/1991	Eto et al.	.....	D13/147
D316,704	S *	5/1991	Eto et al.	.....	D13/147
D407,689	S *	4/1999	Dague et al.	.....	D13/147
D409,573	S *	5/1999	Shimojo et al.	.....	D13/147
D409,575	S *	5/1999	Okamoto	.....	D13/147
D422,563	S *	4/2000	Wu	.....	D13/147
D426,194	S *	6/2000	Ko et al.	.....	D13/147
D427,565	S *	7/2000	Lok	.....	D13/147

D427,568	S *	7/2000	Ko et al.	.....	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.		
D459,309	S *	6/2002	Tanaka	.....	D13/147
D459,310	S *	6/2002	Tanaka	.....	D13/147
D460,048	S *	7/2002	Watanabe	.....	D13/147
D464,321	S *	10/2002	Chen	.....	D13/147
6,877,992	B2	4/2005	Grant et al.		
D514,521	S *	2/2006	Riku	.....	D13/147
D517,488	S *	3/2006	Riku	.....	D13/147
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		
D559,182	S *	1/2008	Rector et al.	.....	D13/133
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.		

(Continued)

*Primary Examiner* — Daniel Bui

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

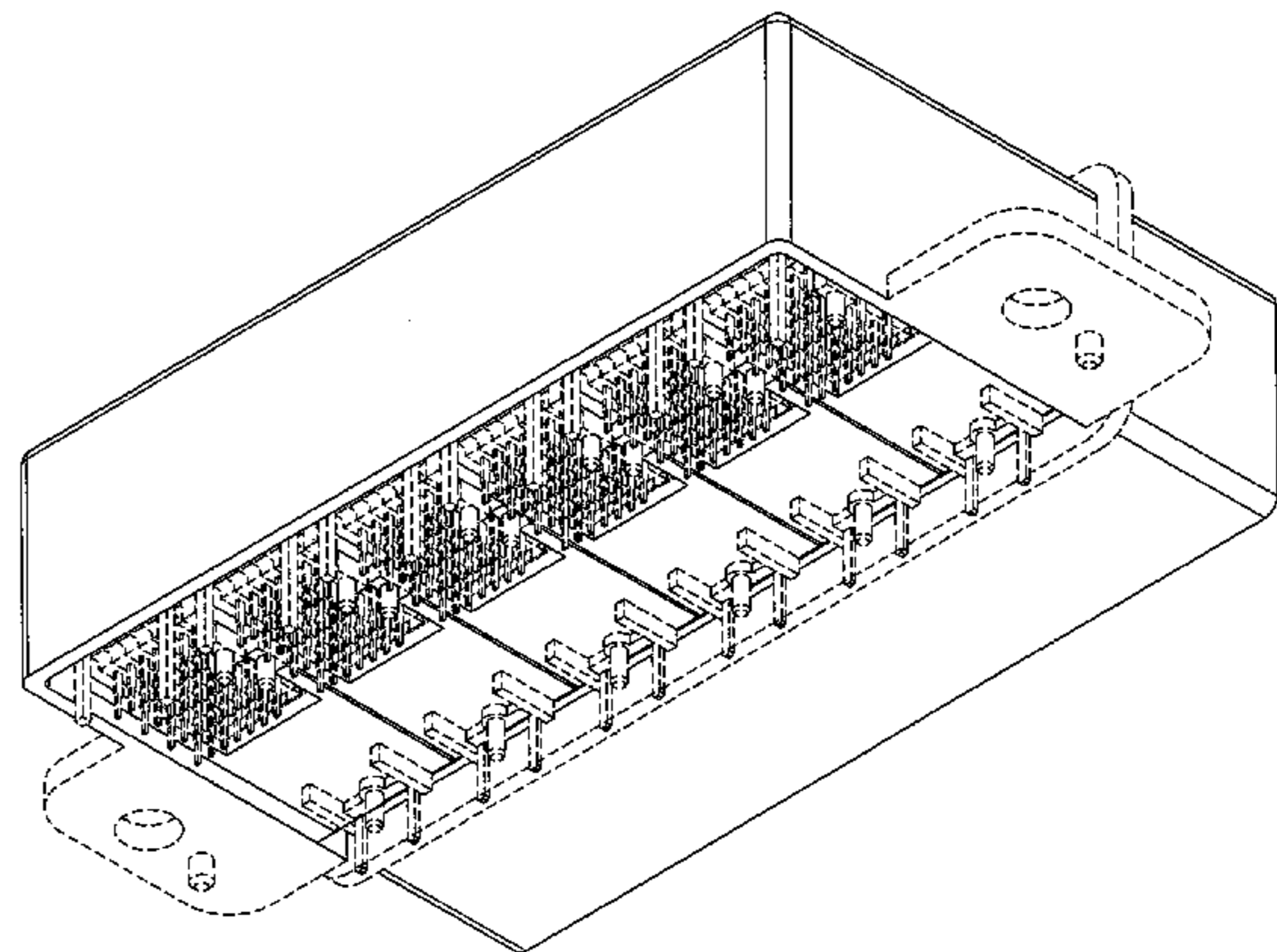
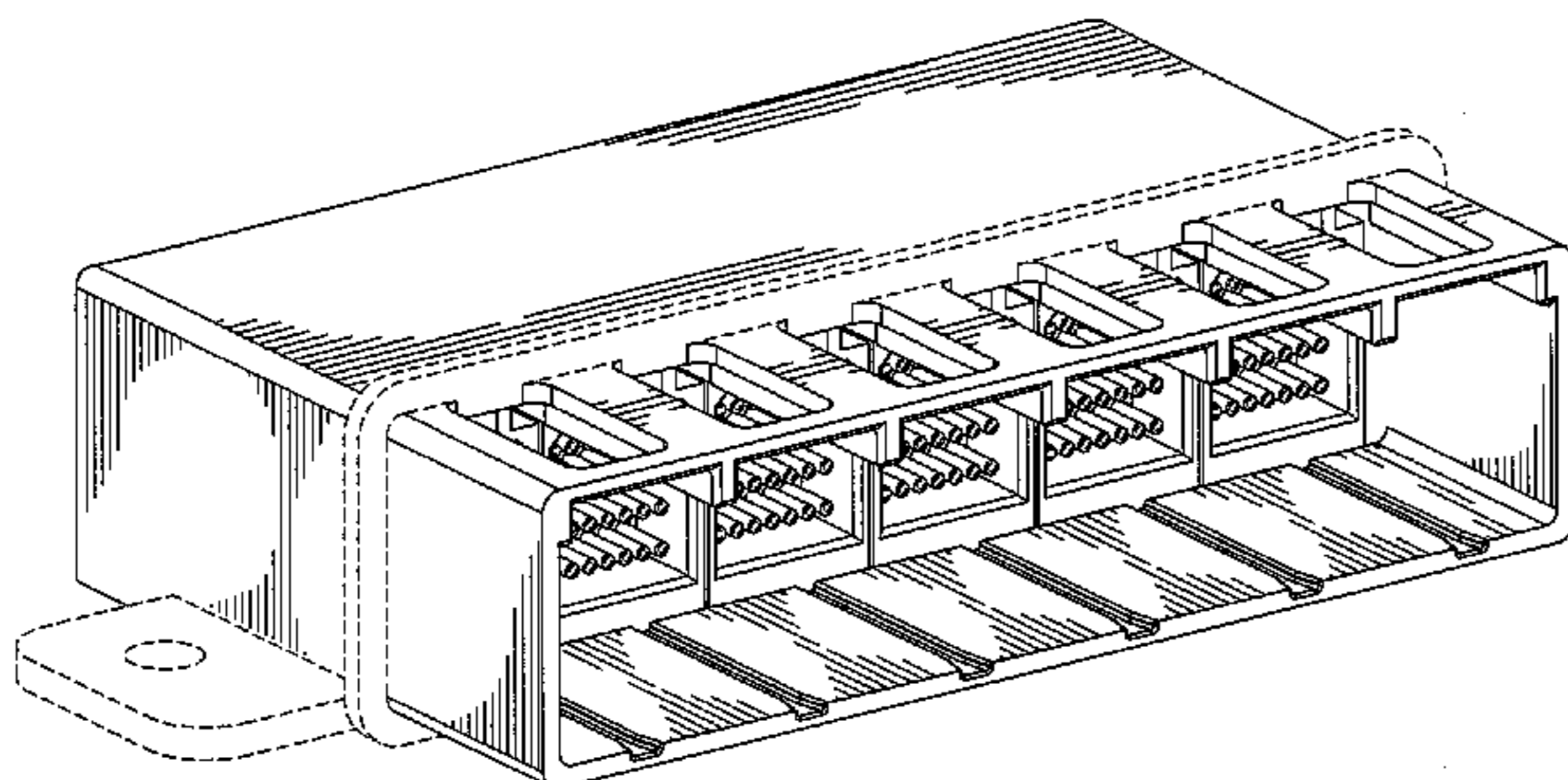
(57) **CLAIM**

The ornamental design for a low-profile right-angle board-mount connector assembly, as shown and described.

**DESCRIPTION**

FIG. 1 is a top perspective view of a low-profile right-angle board-mount connector assembly showing our new design; FIG. 2 is a front elevation view thereof; FIG. 3 is a back elevation view thereof; FIG. 4 is a side elevation view thereof; FIG. 5 is a top elevation view thereof; FIG. 6 is a bottom elevation view thereof; and, FIG. 7 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, 6 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

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  
D676,392 S \* 2/2013 Gassauer ..... D13/147

\* cited by examiner

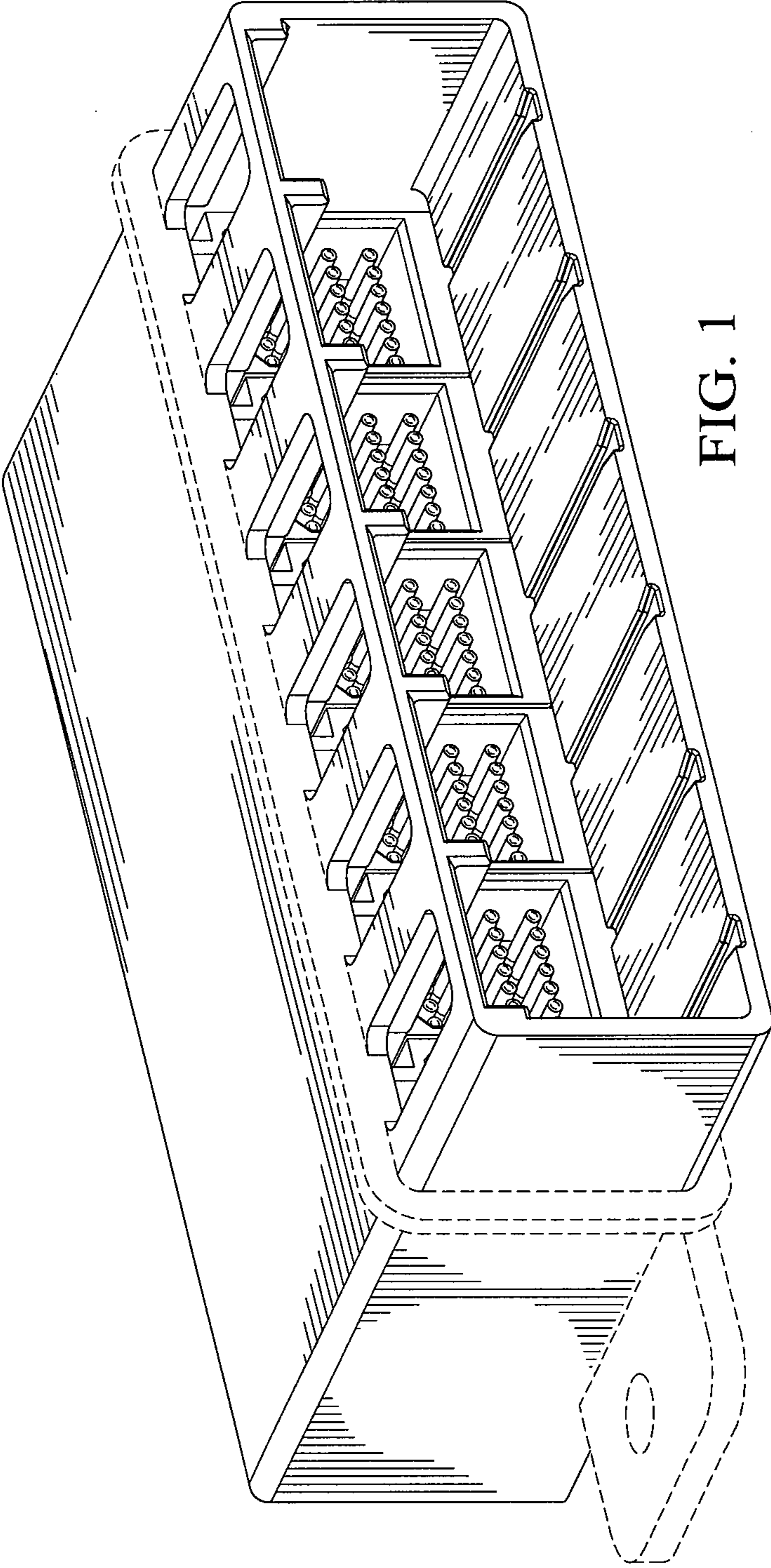


FIG. 1

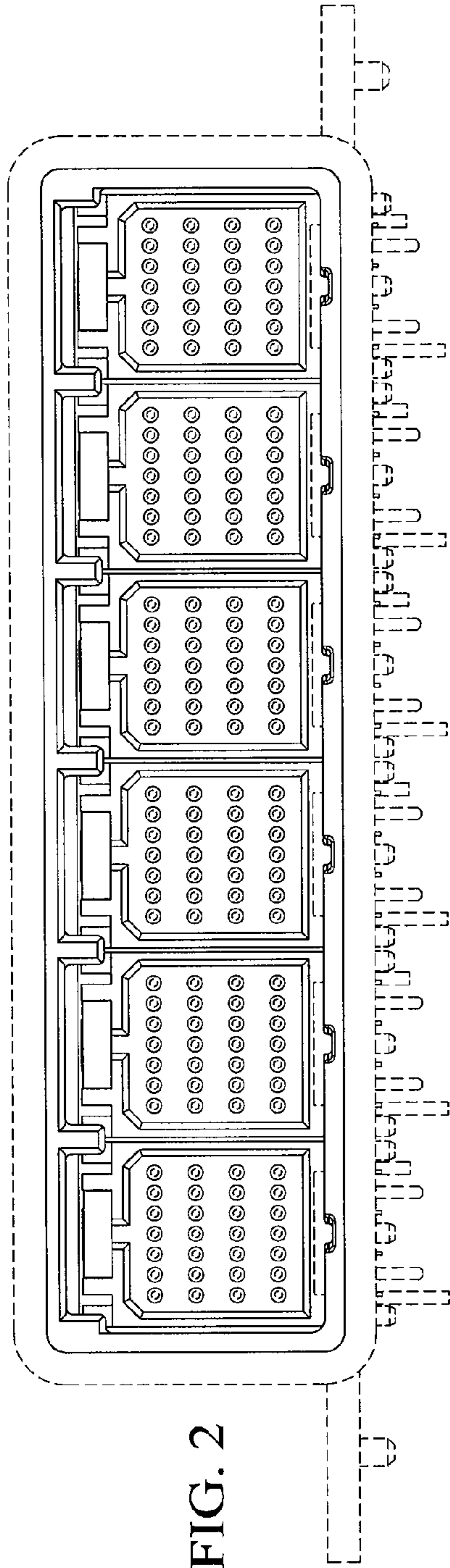


FIG. 2

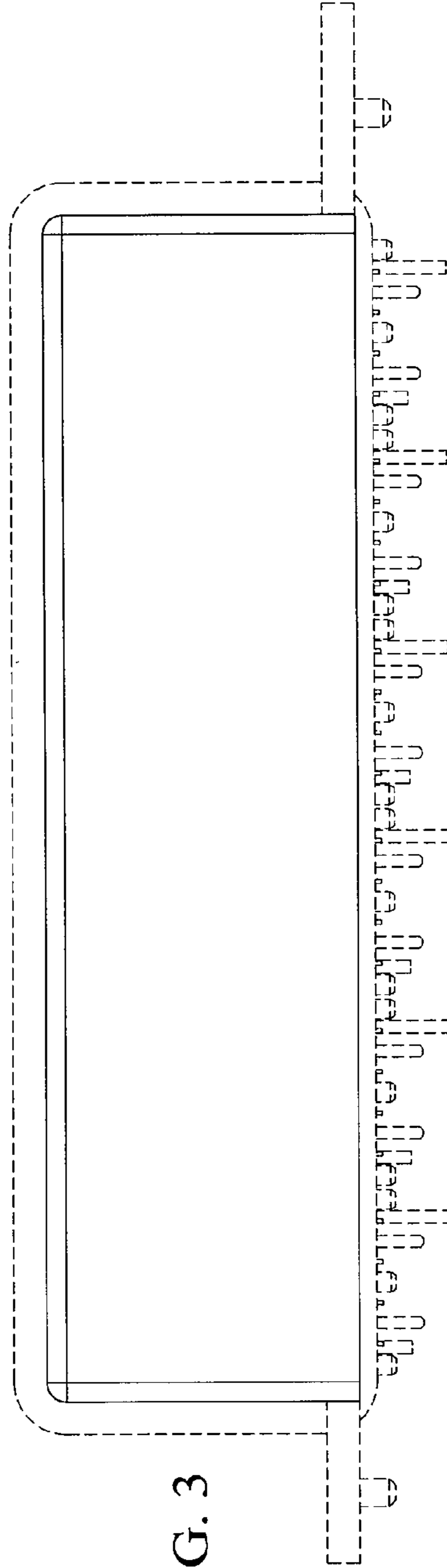


FIG. 3

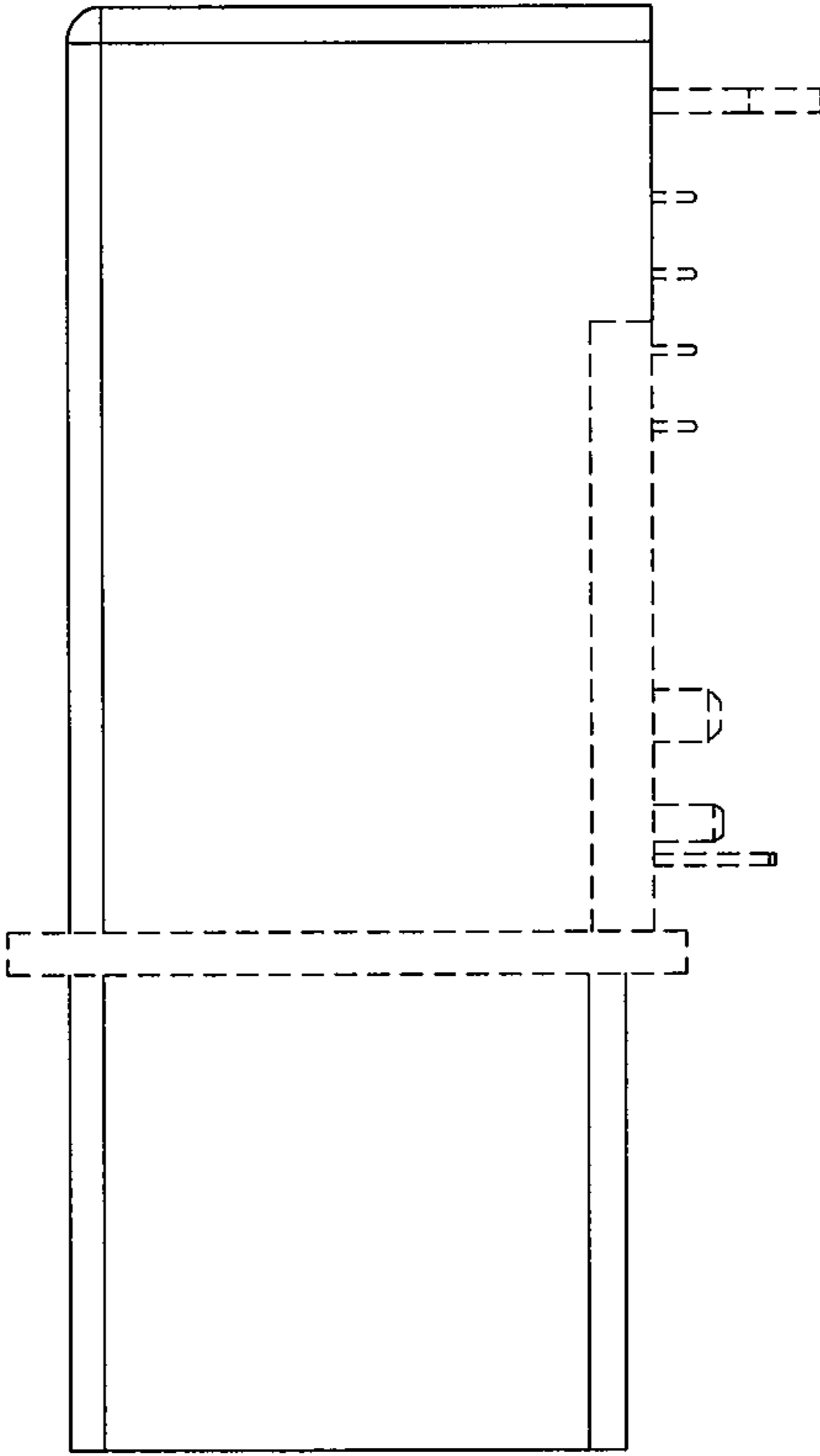


FIG. 4

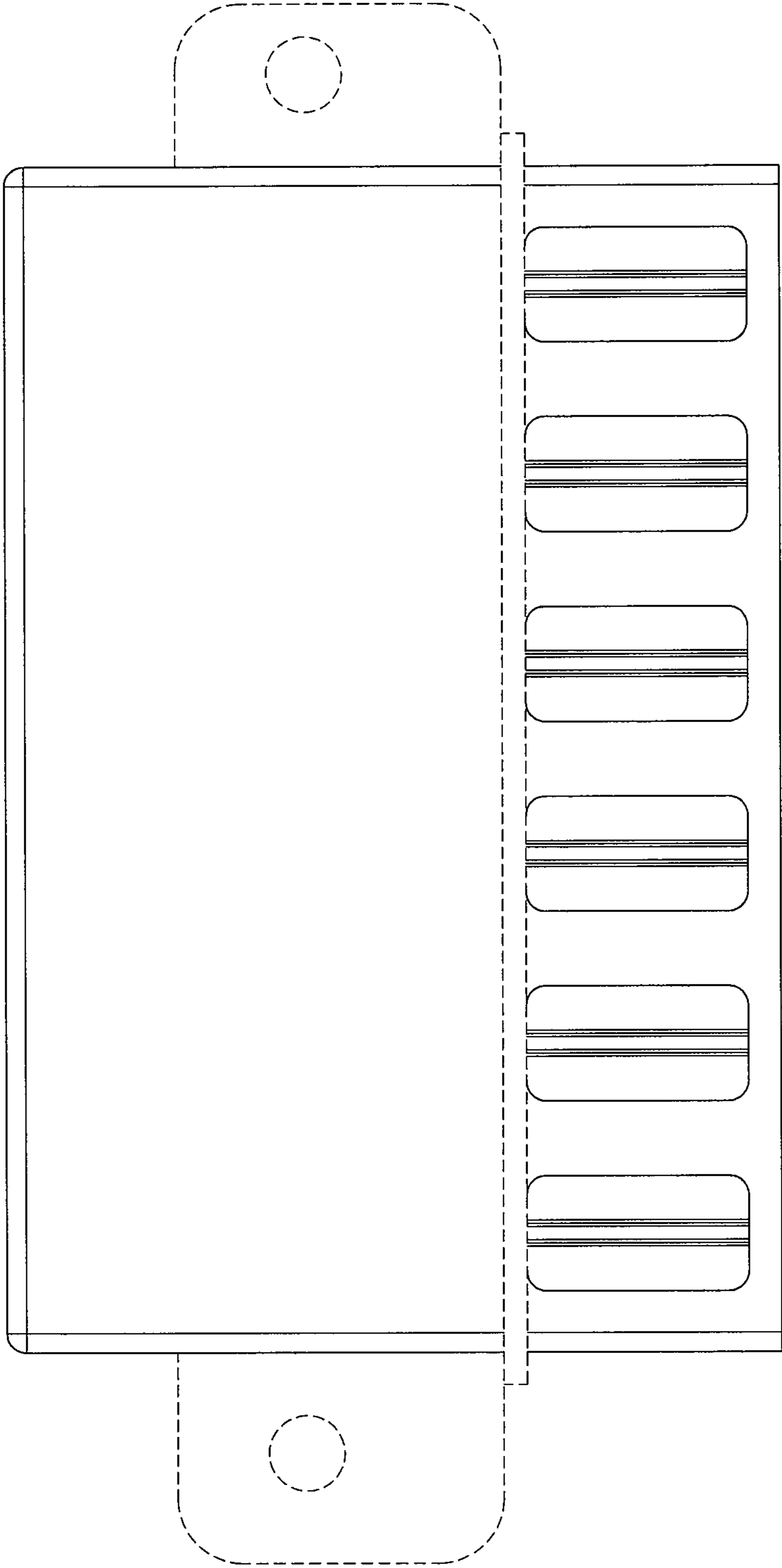


FIG. 5

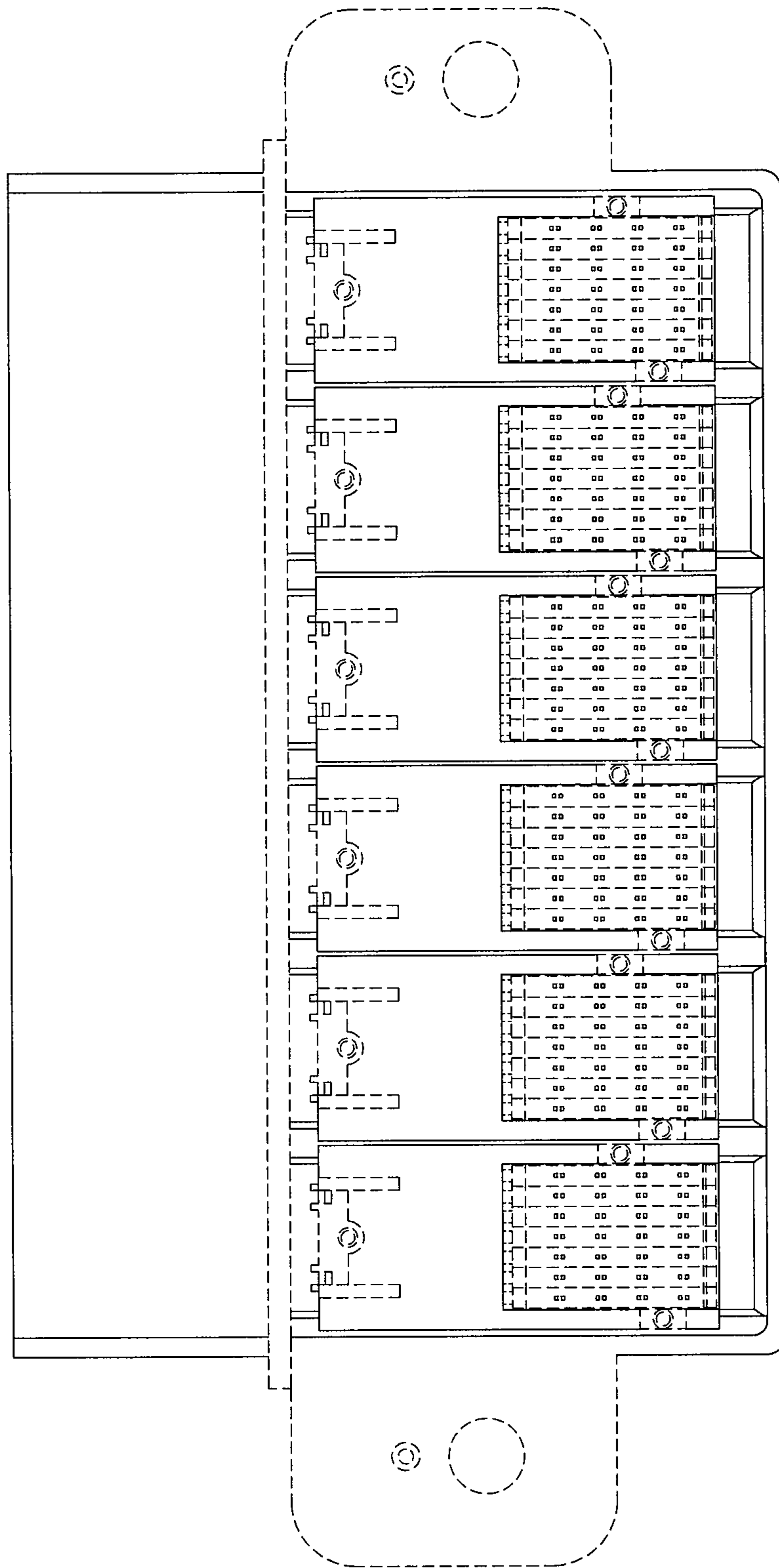


FIG. 6

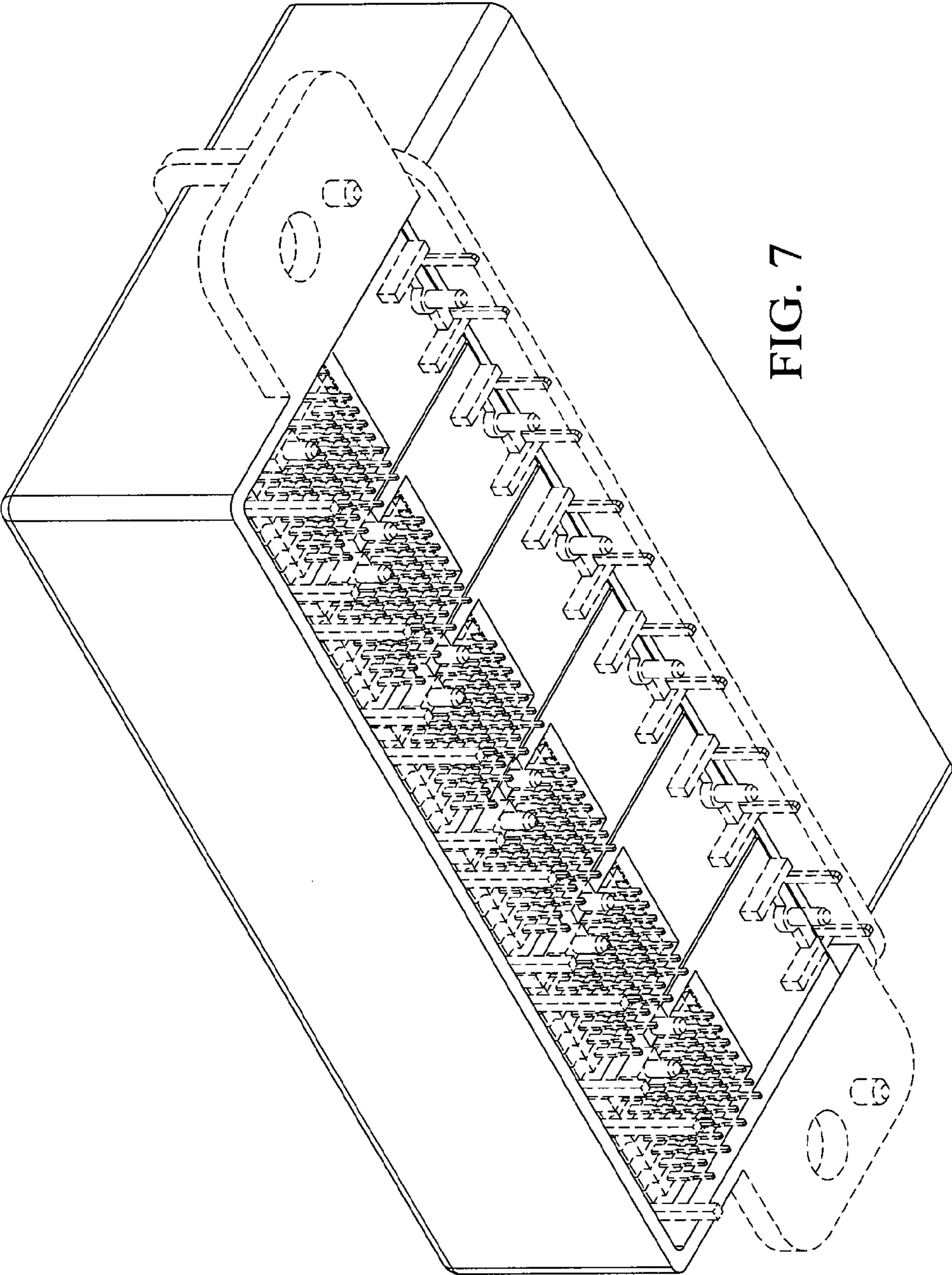


FIG. 7