



US00D835046S

(12) **United States Design Patent** (10) **Patent No.:** **US D835,046 S**  
**Bingham** (45) **Date of Patent:** **\*\* Dec. 4, 2018**

- (54) **CONNECTOR**
- (71) Applicant: **Molex, LLC**, Lisle, IL (US)
- (72) Inventor: **John Bingham**, Plainfield, IL (US)
- (73) Assignee: **Molex, LLC**, Lisle, IL (US)
- (\*\*) Term: **15 Years**
- (21) Appl. No.: **29/593,997**
- (22) Filed: **Feb. 14, 2017**
- (51) **LOC (11) Cl.** ..... **13-03**
- (52) **U.S. Cl.**  
USPC ..... **D13/147**
- (58) **Field of Classification Search**  
USPC ..... D13/110, 118, 120, 123, 133, 145-147,  
D13/149, 154, 156, 173, 184, 199  
CPC ..... H01R 12/00; H01R 12/51; H01R 12/70;  
H01R 12/72; H01R 13/00; H01R 13/15;  
H01R 13/62; H01R 13/627; H01R  
13/639; H01R 13/64; H01R 13/65; H01R  
24/60; H01R 43/16; H01R 9/00; H01R  
9/03; H01R 13/52; H01R 13/6581; H01R  
13/6583; H01R 13/6585; H01R 24/00  
See application file for complete search history.

(56) **References Cited**  
U.S. PATENT DOCUMENTS

D412,700 S	8/1999	Gardner et al.	
D451,885 S	* 12/2001	Hisatomi	D13/147
D489,687 S	* 5/2004	Kawase	D13/147
D561,696 S	* 2/2008	Chen	D13/147
D576,556 S	* 9/2008	Lee	D13/147
D602,870 S	10/2009	Wu et al.	
D641,705 S	* 7/2011	Sato	D13/147
D678,209 S	* 3/2013	Kondo	D13/147
D678,843 S	* 3/2013	Faith	D13/147
D689,438 S	* 9/2013	Yu	D13/147
D689,439 S	* 9/2013	Yu	D13/147
D690,655 S	* 10/2013	Fu	D13/147
D691,564 S	* 10/2013	Honda	D13/147

D696,200 S	* 12/2013	Kobuchi	D13/147
D703,143 S	* 4/2014	Yamaguchi	D13/147
D726,119 S	4/2015	Yamaguchi	
D726,120 S	4/2015	Hou et al.	
D733,657 S	7/2015	Yuan et al.	
D733,659 S	* 7/2015	Zhu	D13/147
D751,989 S	3/2016	Imai	
D764,415 S	8/2016	Qian et al.	

(Continued)

**OTHER PUBLICATIONS**

Molex Receptacle Assembly Speedstack Connector, Apr. 24, 2013, Lisle, Illinois, USA (8 Pages).

*Primary Examiner* — Angela J Lee  
*Assistant Examiner* — Shawn T Gingrich  
(74) *Attorney, Agent, or Firm* — Banner & Witcoff, Ltd.

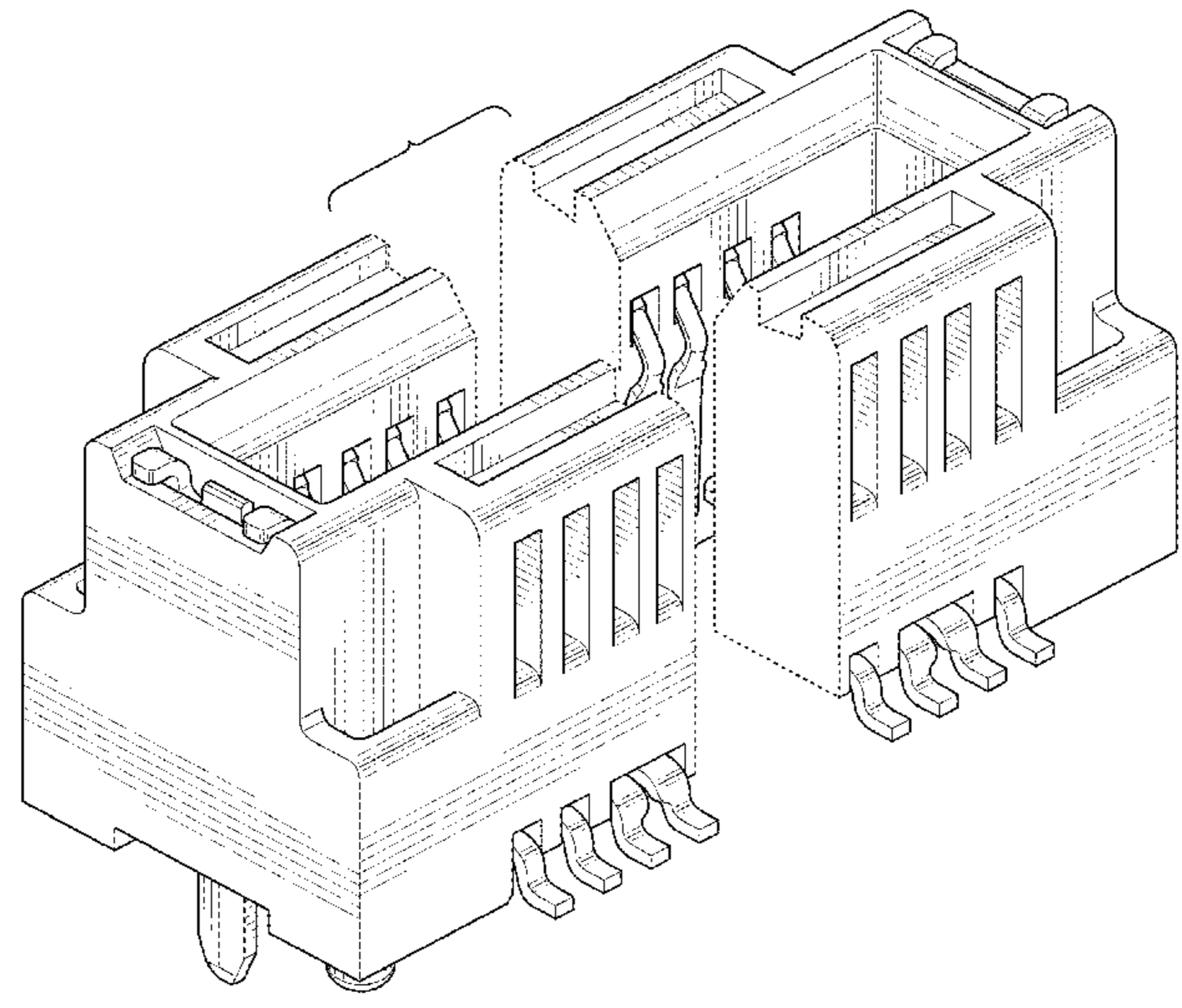
(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a front perspective view of connector showing my new design;  
FIG. 2 is a front view thereof;  
FIG. 3 is a rear view thereof;  
FIG. 4 is a top view thereof;  
FIG. 5 is a bottom view thereof;  
FIG. 6 is a right side view thereof; and,  
FIG. 7 is a left side view thereof.  
The design is shown with a symbolic break in its length. The appearance of any portion between the break lines forms no part of the claimed design. The broken line showing of various regions represents features which form no part of the claimed design.  
The broken lines immediately adjacent to the symbolic break represent boundaries and form no part of the claimed design.

**1 Claim, 7 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D775,084	S	12/2016	Sato et al.	
D780,124	S	2/2017	Qian et al.	
D798,239	S	* 9/2017	Ashibu .....	D13/147
2003/0224654	A1	12/2003	Wu	
2008/0207058	A1	8/2008	Zhu et al.	
2011/0086552	A1	4/2011	Yao et al.	
2012/0094542	A1	4/2012	Duenas et al.	
2012/0135618	A1	5/2012	Shen et al.	
2016/0190746	A1	6/2016	Goh et al.	
2017/0201052	A1	7/2017	Peng et al.	
2017/0207565	A1	7/2017	Guo et al.	
2017/0346238	A1	11/2017	Ju et al.	
2017/0365951	A1	12/2017	Zhang et al.	
2017/0373408	A1	12/2017	Cheng et al.	
2017/0373439	A1	12/2017	Wen et al.	
2017/0373441	A1	12/2017	Zhao et al.	

\* cited by examiner

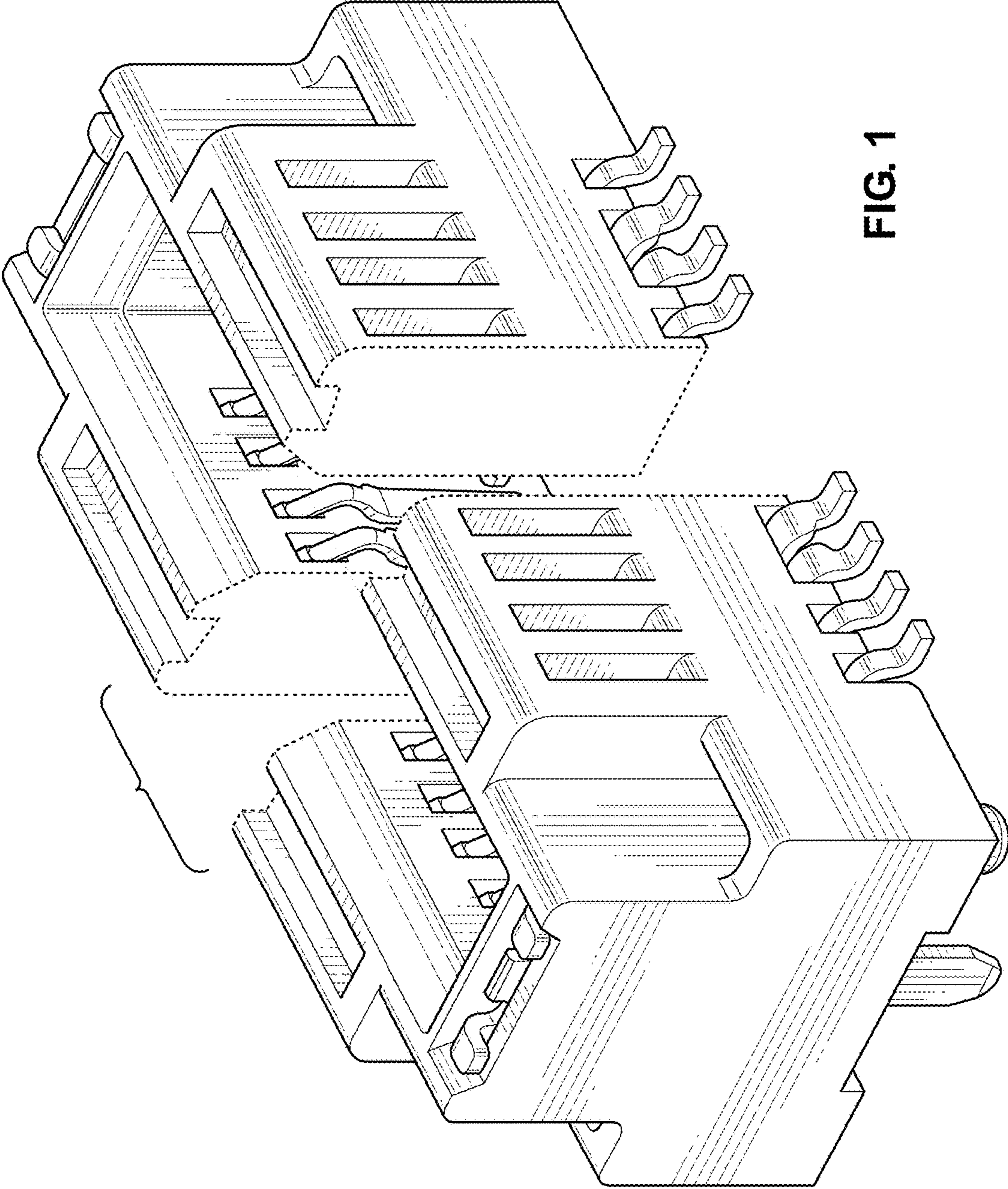


FIG. 1

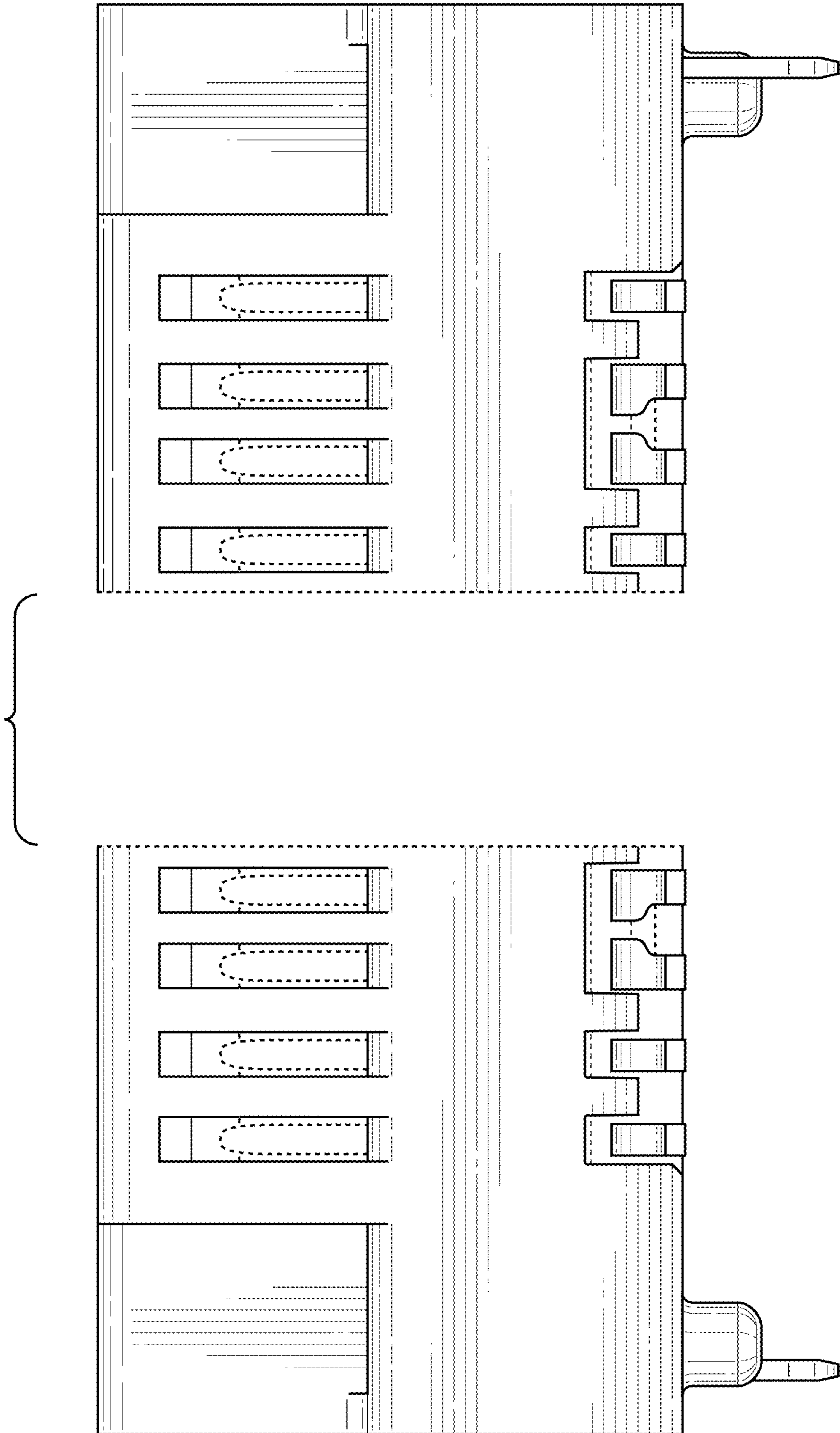


FIG. 2

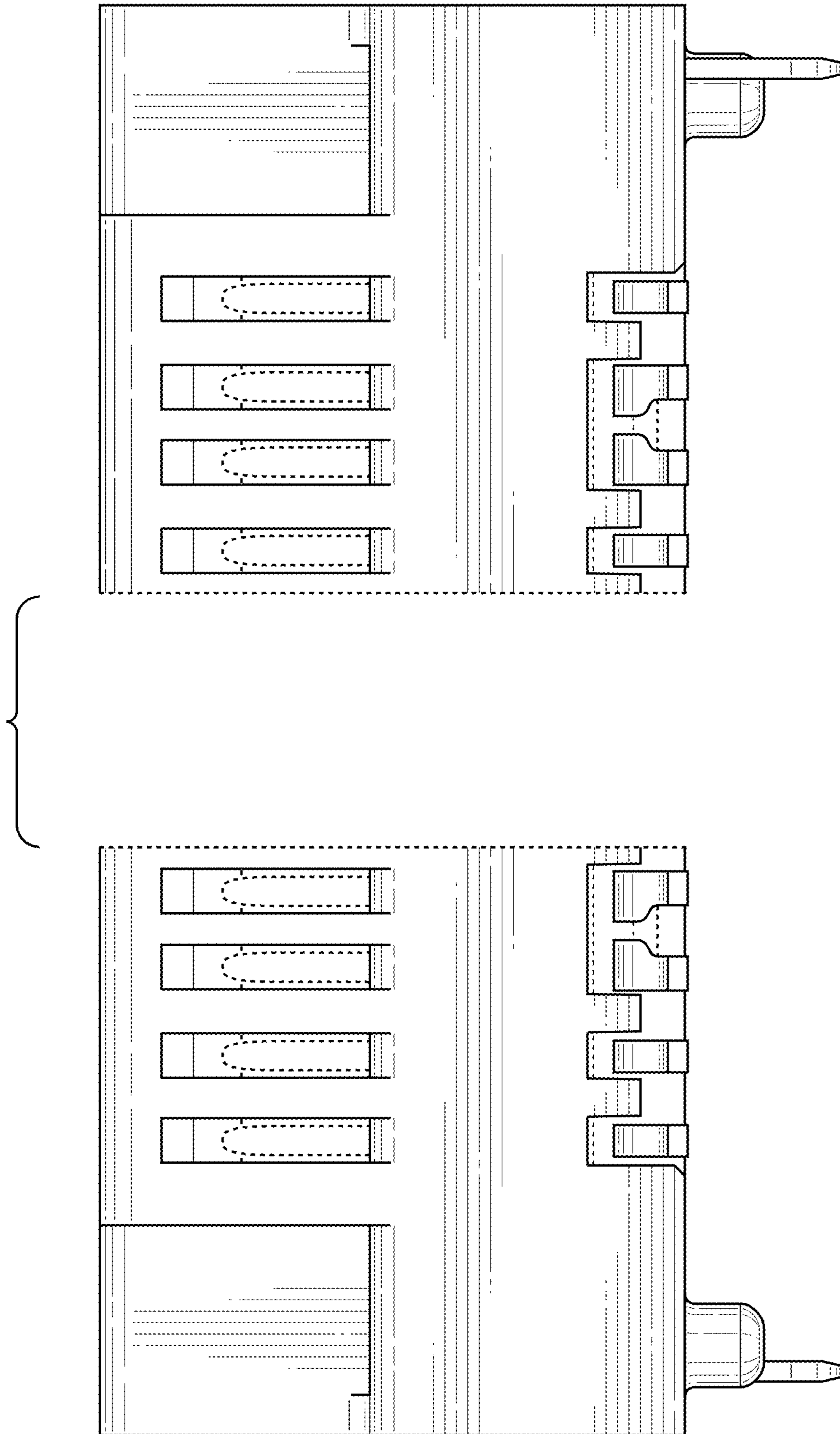


FIG. 3

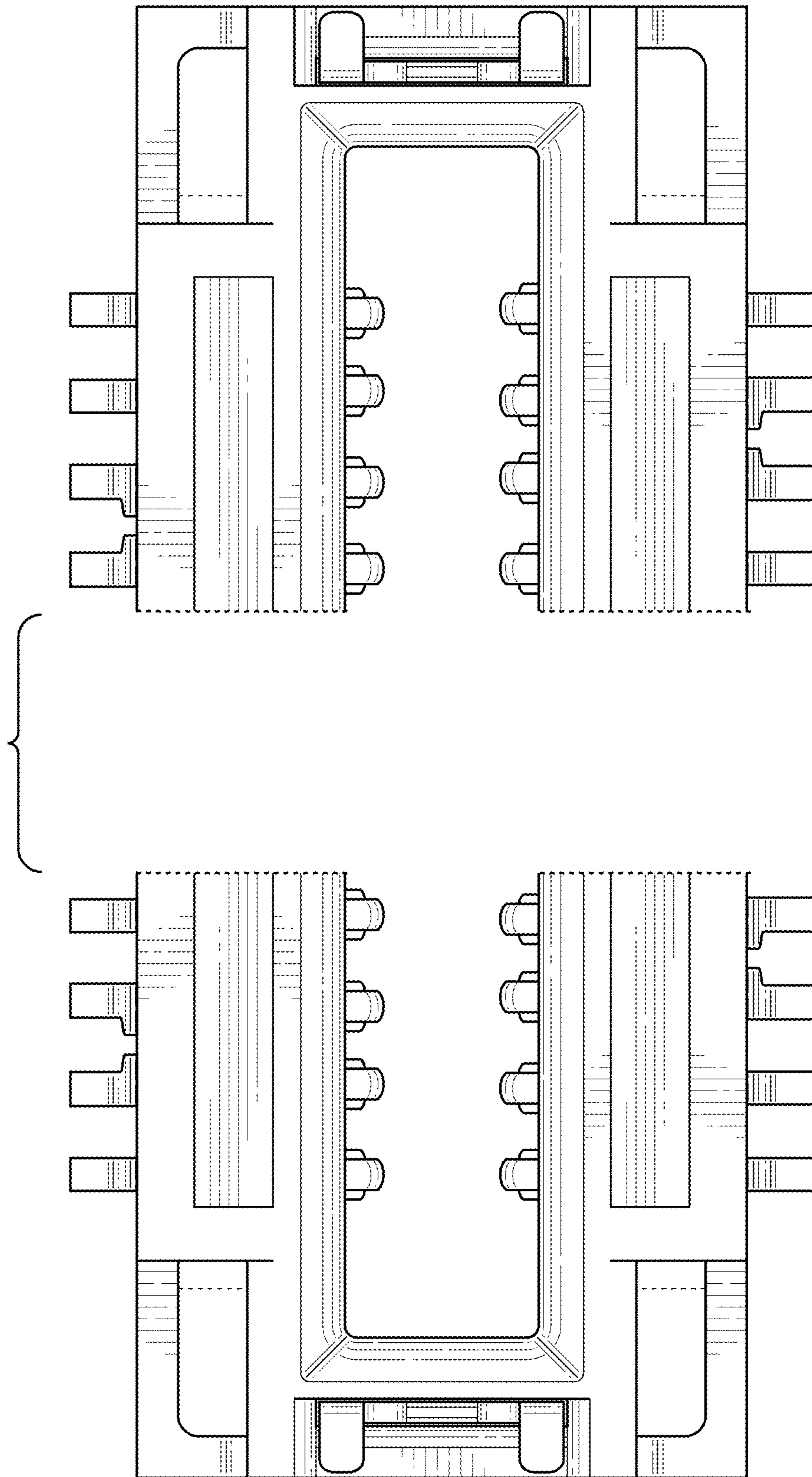


FIG. 4

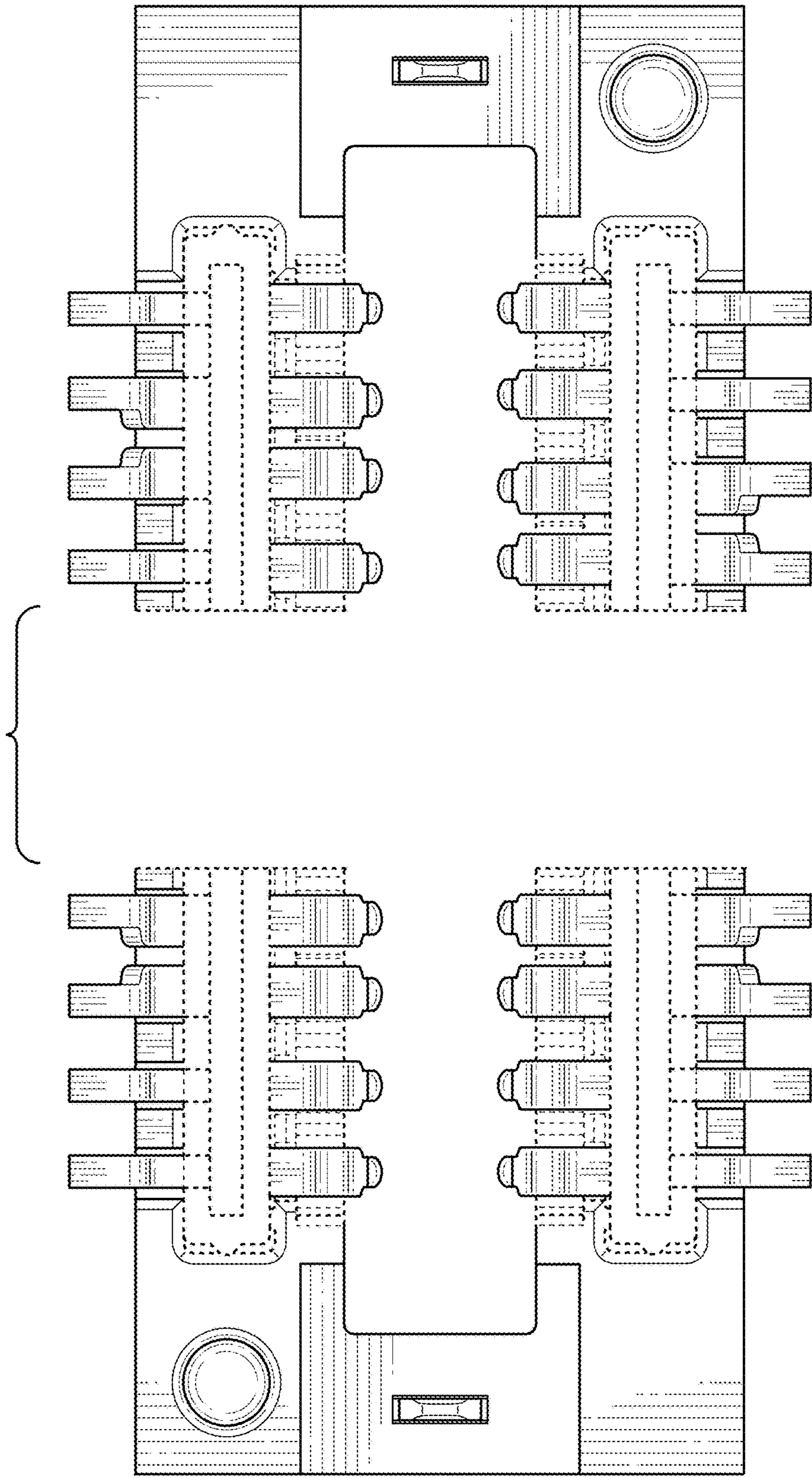


FIG. 5

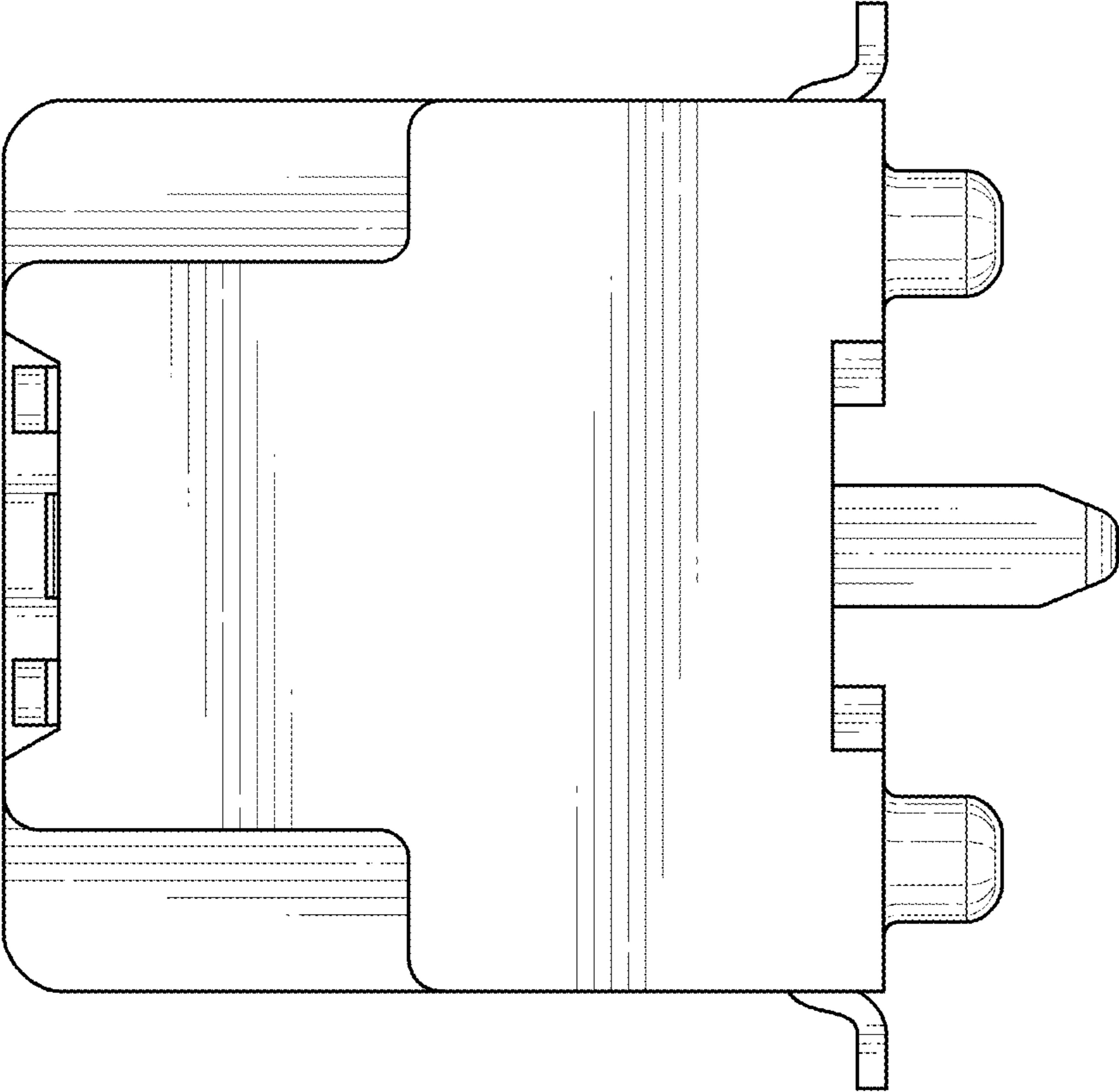


FIG. 6



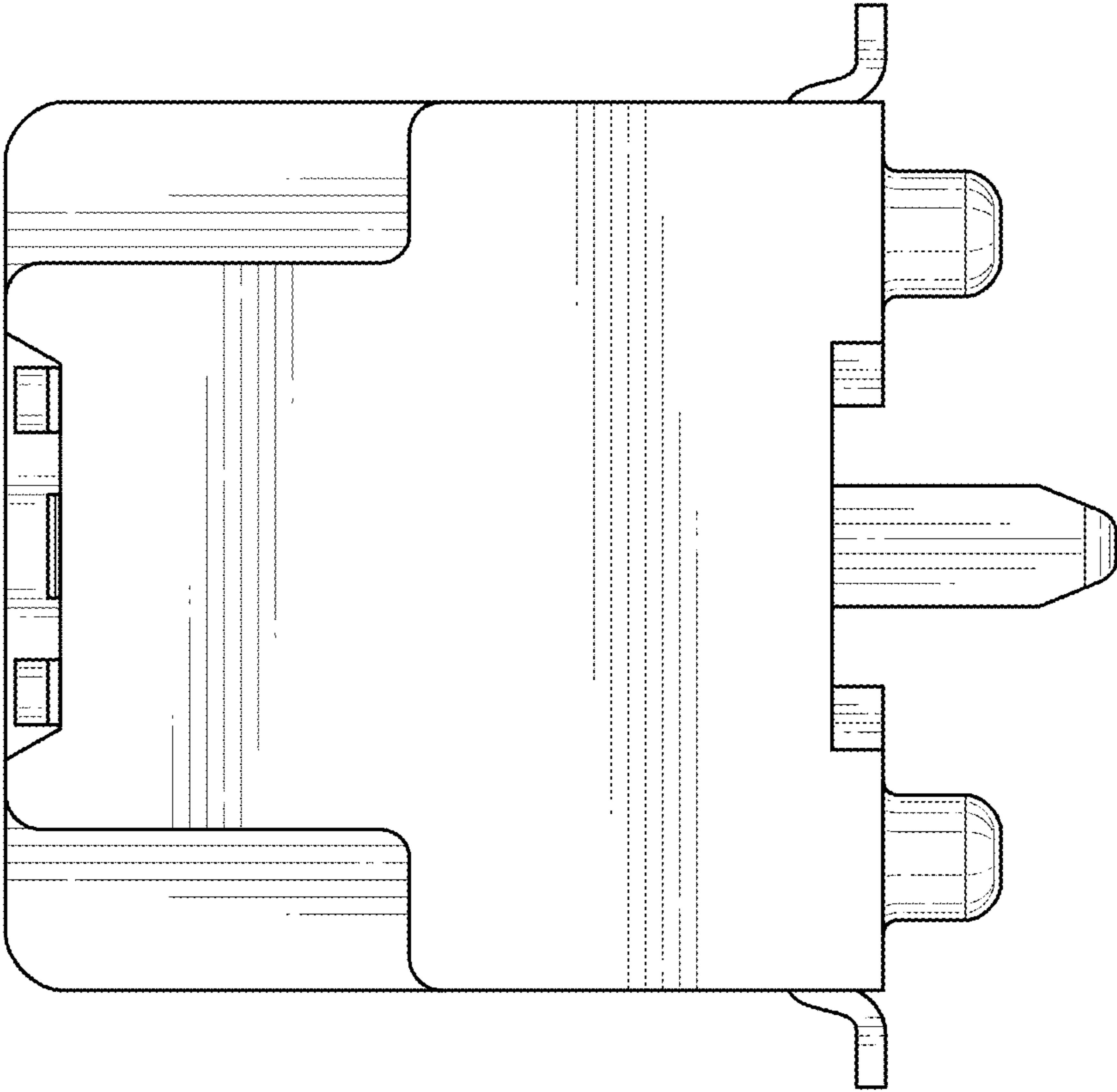


FIG. 7