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

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(54) **VALVE MANIFOLD**

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (8) Cl.** **15-01**

(52) **U.S. Cl.** **D15/5**

(58) **Field of Classification Search** D15/1-5;
137/884, 625.65, 885, 883, 886, 560, 554;
123/184.42, 184.46, 195 R

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 3,495,624 A * 2/1970 Kling 137/637
- 4,498,500 A * 2/1985 Miller 137/883
- 6,427,723 B2 * 8/2002 Bogdanowicz et al. 137/884
- 6,453,948 B2 * 9/2002 Notz et al. 137/884
- 6,520,202 B2 * 2/2003 Miyazoe et al. 137/554

- 6,830,067 B2 * 12/2004 Hayashi 137/554
- 6,874,537 B2 * 4/2005 Hayashi et al. 137/884
- 7,048,002 B2 * 5/2006 Hayashi et al. 137/560
- 7,162,884 B2 * 1/2007 Alles 62/178
- 2001/0037832 A1 * 11/2001 Weiss et al. 137/627.5
- 2004/0154674 A1 * 8/2004 Pieper 137/884

* cited by examiner

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(57) **CLAIM**

The ornamental design for a valve manifold, as shown and described.

DESCRIPTION

FIG. 1 is a front view of a valve manifold showing our new design;

FIG. 2 is a rear view thereof;

FIG. 3 is a top view thereof;

FIG. 4 is a bottom view thereof;

FIG. 5 is a right side view thereof;

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

FIG. 7 is a perspective view thereof.

1 Claim, 7 Drawing Sheets

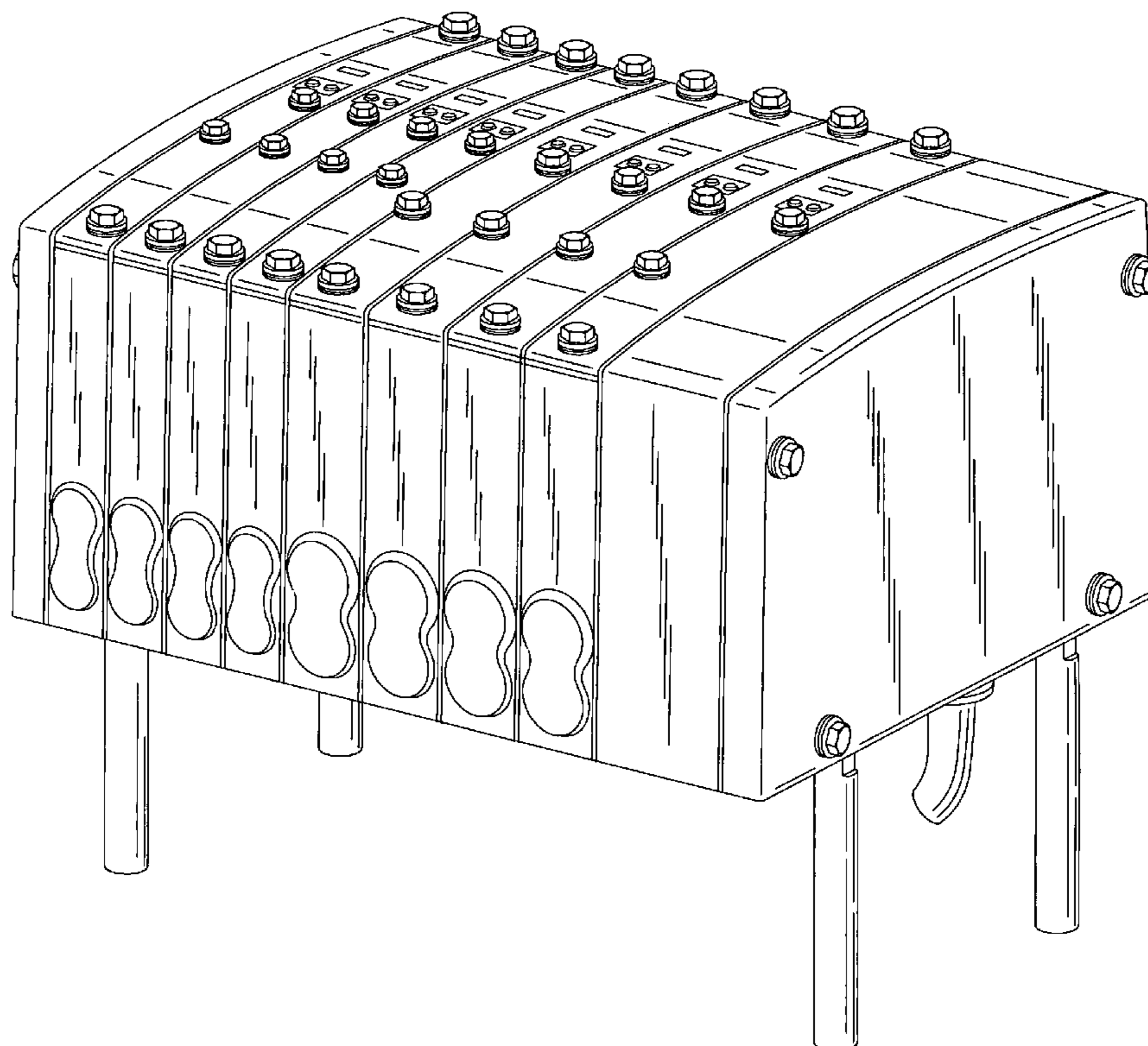


FIG. 1

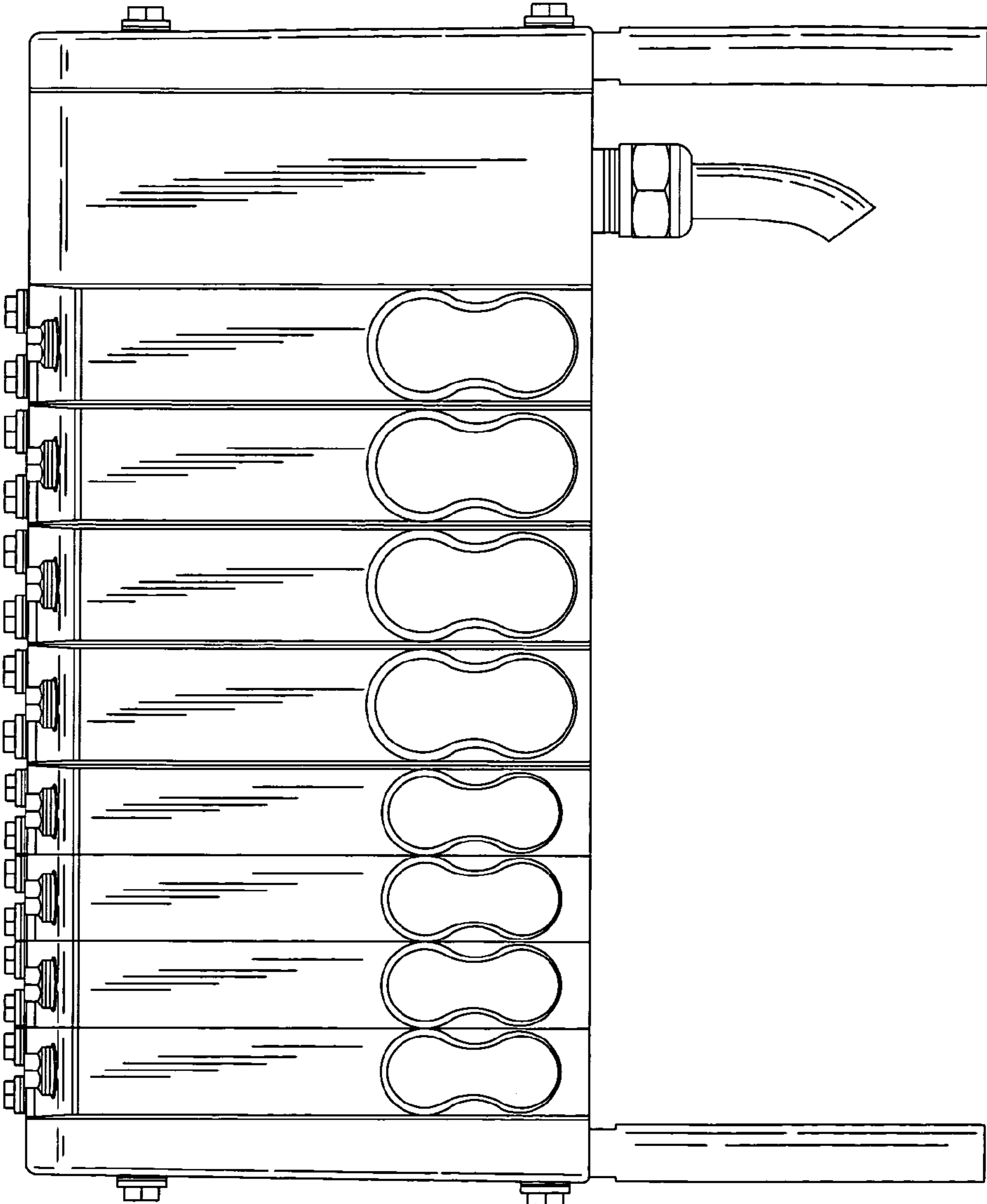


FIG. 2

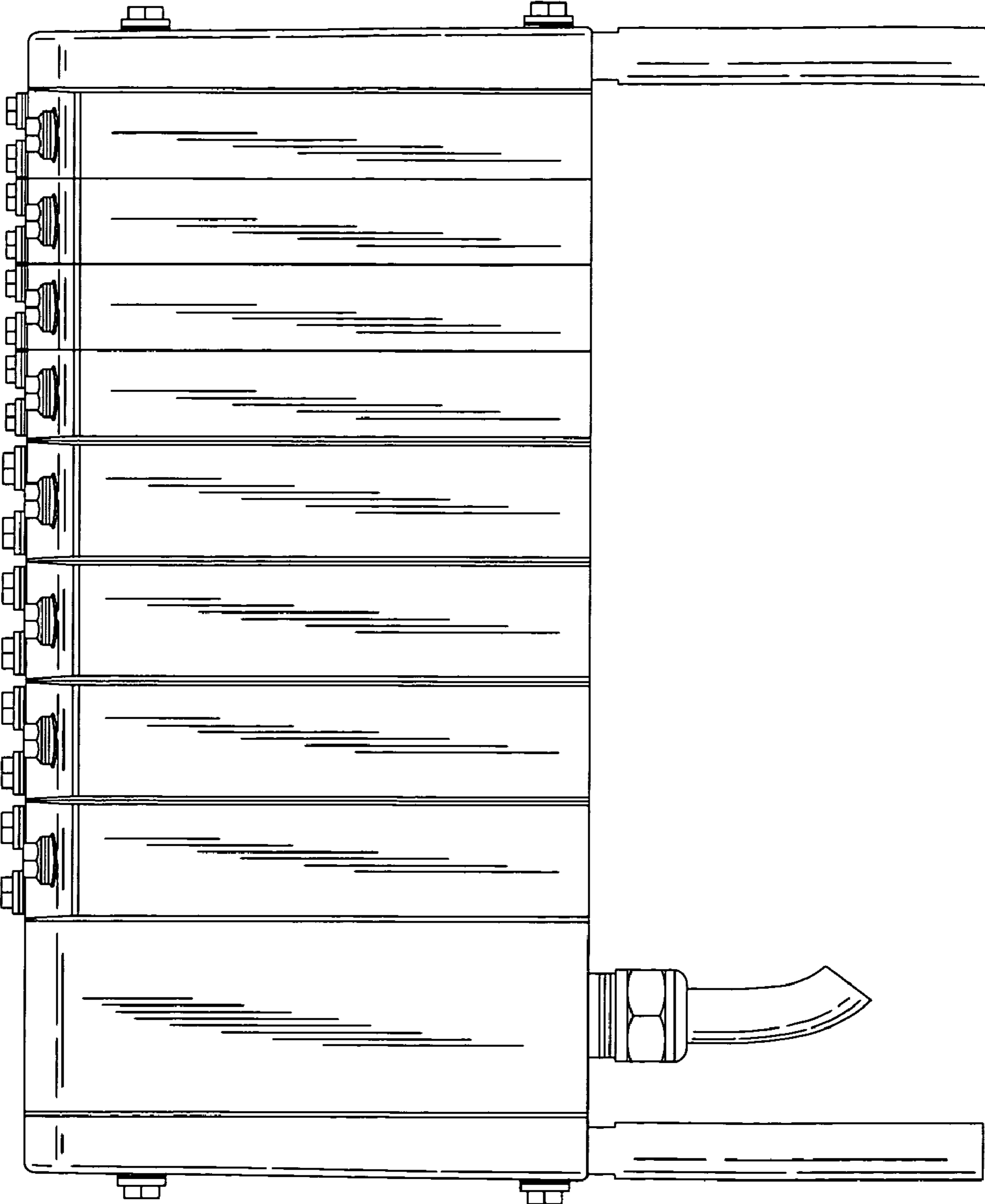


FIG. 3

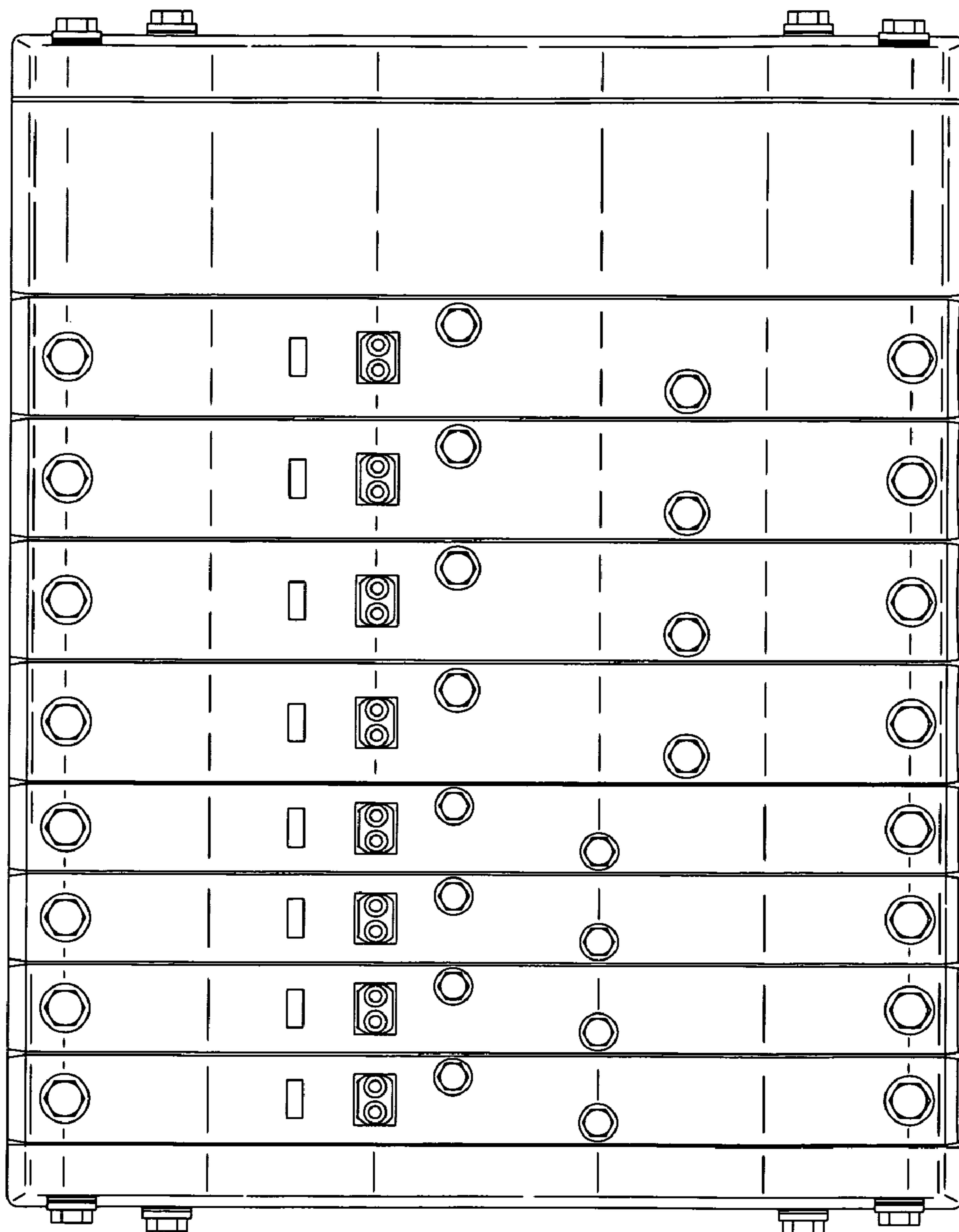


FIG. 4

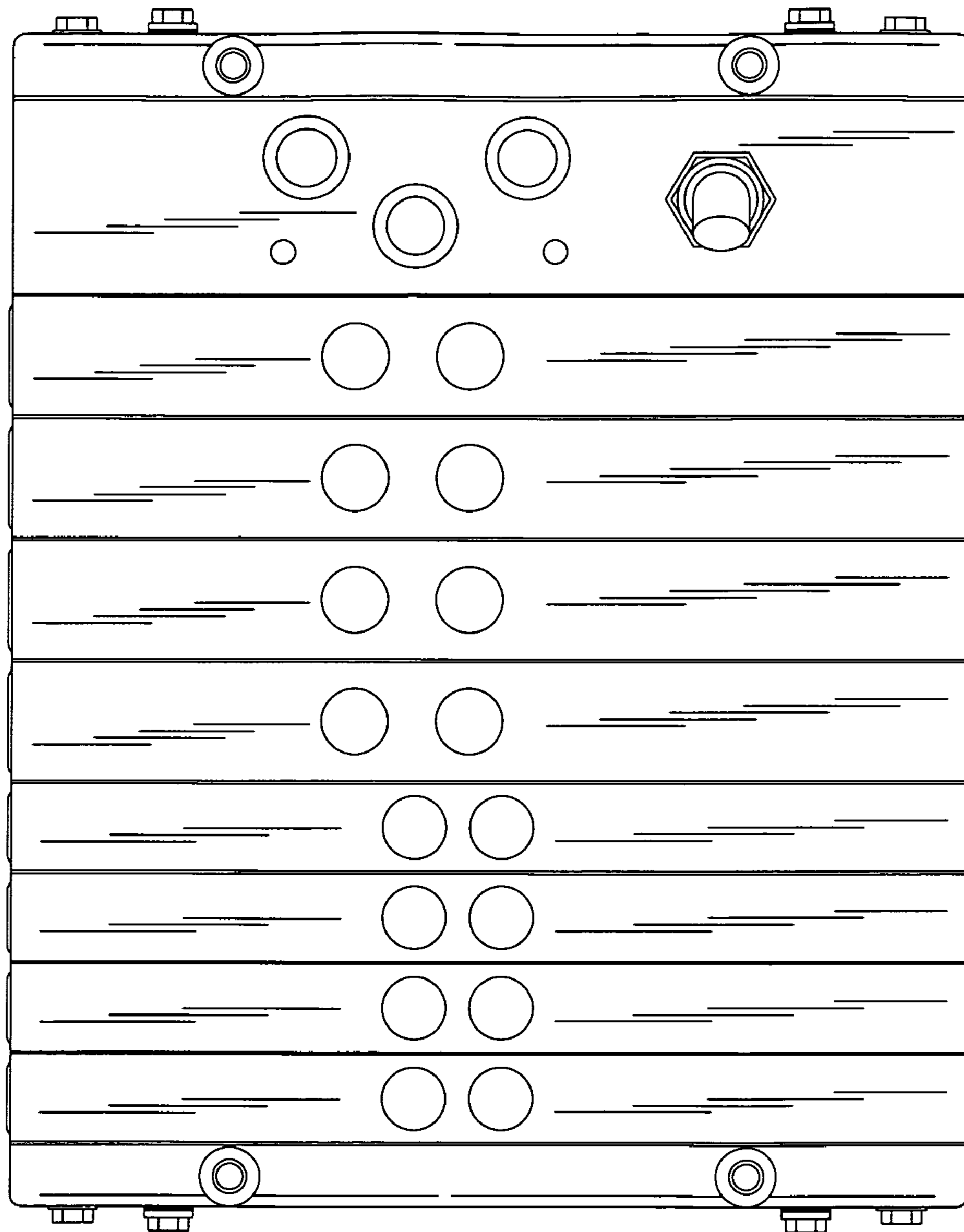


FIG. 5

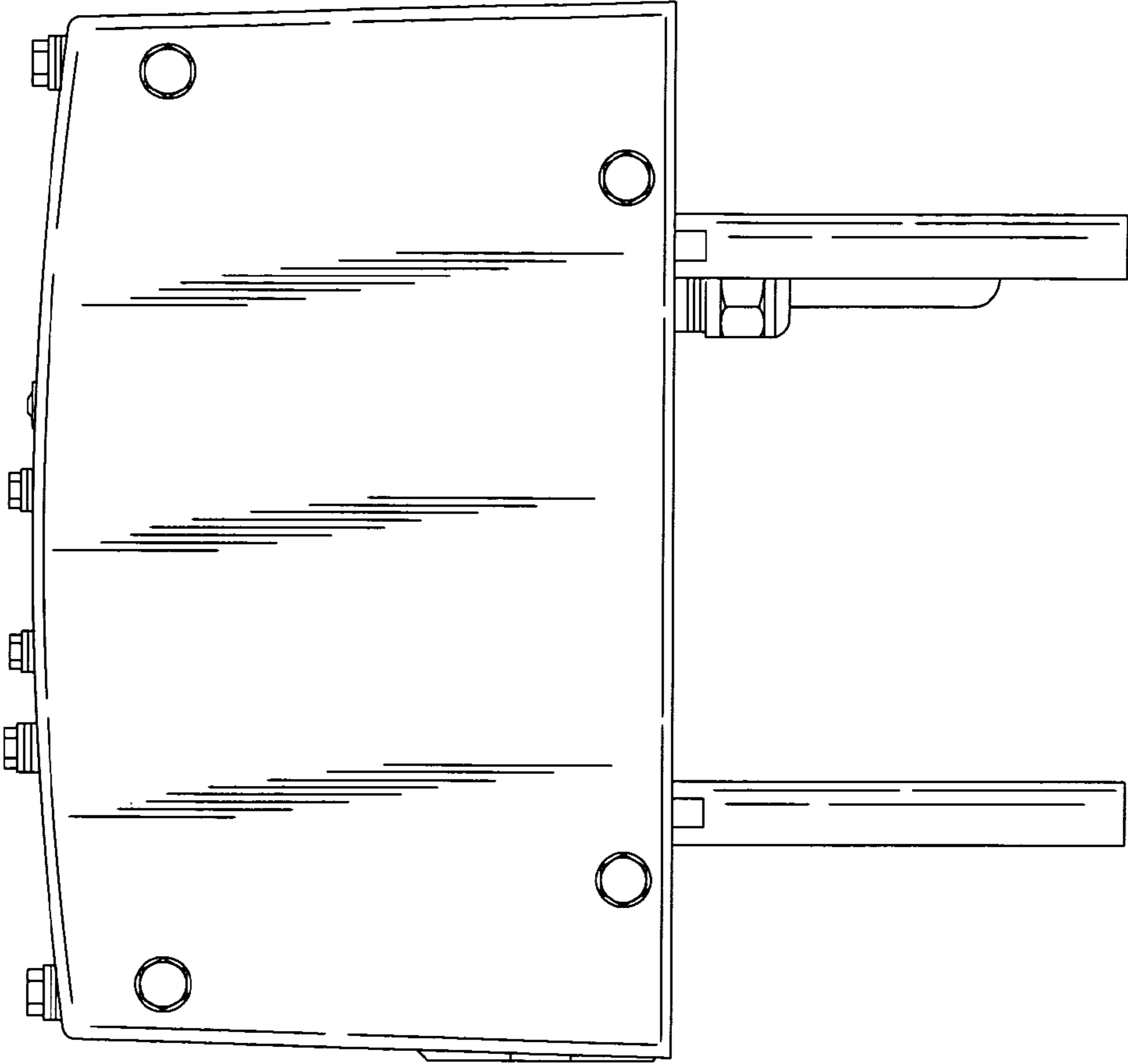


FIG. 6

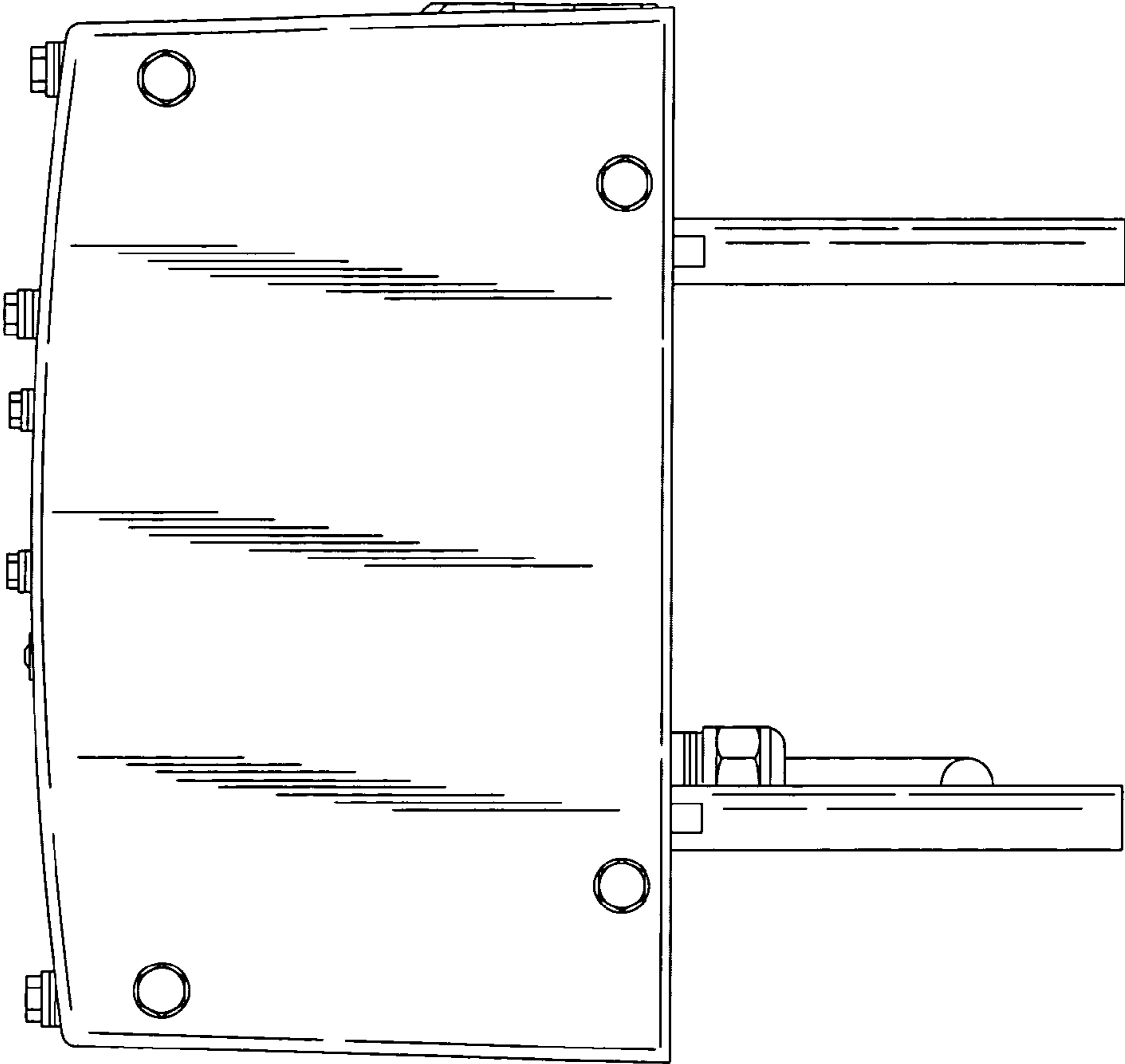


FIG. 7

