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(12)

United States Design Patent

Tanaka et al.

(10)

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(54) BOARD-TO-BOARD PLUG CONNECTOR

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(73) Assignee: Molex, LLC, Lisle, IL (US)

(**) Term: 15 Years

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

(58) Field of Classification Search USPC D13/110, 123, 133, 146–147, 149, 154, D13/184, 199; D8/354, 356 CPC H01R 12/00; H01R 12/52; H01R 12/70; H01R 12/71; H01R 12/73; H01R 12/707; H01R 12/716; H01R 13/20; H01R 13/24; H01R 13/42; H01R 13/64; H01R 13/426; H01R 13/506; H01R 13/518; H01R 13/631; H01R 13/639; H01R 13/641; H01R 13/648; H01R 13/6271; H01R 13/6272; H01R 13/6315; H01R 13/6471; H01R

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Primary Examiner — George D. Kirschbaum
Assistant Examiner — Denis Houyoux

(57) CLAIM

The ornamental design for a board-to-board plug connector, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a board-to-board plug connector in accordance with an embodiment of the present invention;

FIG. 2 is a rear perspective view of the board-to-board plug connector of FIG. 1;

FIG. 3 is a front view of the board-to-board plug connector of FIG. 1;

FIG. 4 is a rear view of the board-to-board plug connector of FIG. 1;

FIG. 5 is a left side view of the board-to-board plug connector of FIG. 1;

FIG. 6 is a right side view of the board-to-board plug connector of FIG. 1;

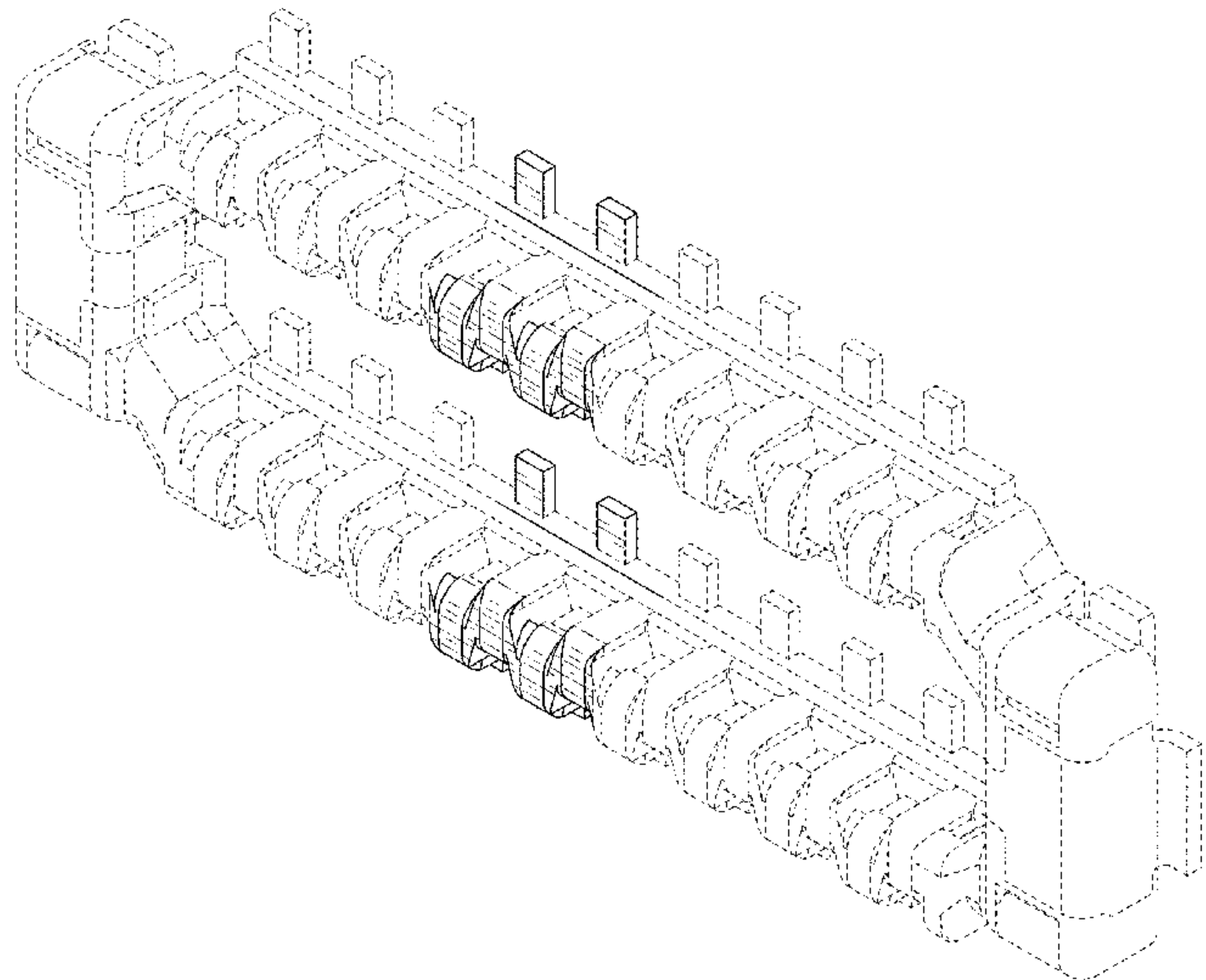
FIG. 7 is a top view of the board-to-board plug connector of FIG. 1;

FIG. 8 is a bottom view of the board-to-board plug connector of FIG. 1; and,

FIG. 9 is a front perspective view of the board-to-board plug connector of FIG. 1 attached to an example receptable connector.

The uneven broken lines immediately adjacent the shaded area(s) represent the bounds of the claimed design while all other broken lines represent unclaimed portions of the board-to-board plug connector or environment; the broken lines form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(58) **Field of Classification Search**

CPC 13/6581; H01R 13/6582; H01R 13/6585;
H01R 43/16; H01R 43/18; H01R 31/06;
H01R 13/2414; H01R 13/2492; H01R
13/502; H01R 13/405; H01R 31/065;
H01R 13/512; H01R 13/5202; H01R
13/112; H01R 13/04; H01R 13/50; H01R
12/714; H01R 12/57; H01R 12/7011
See application file for complete search history.

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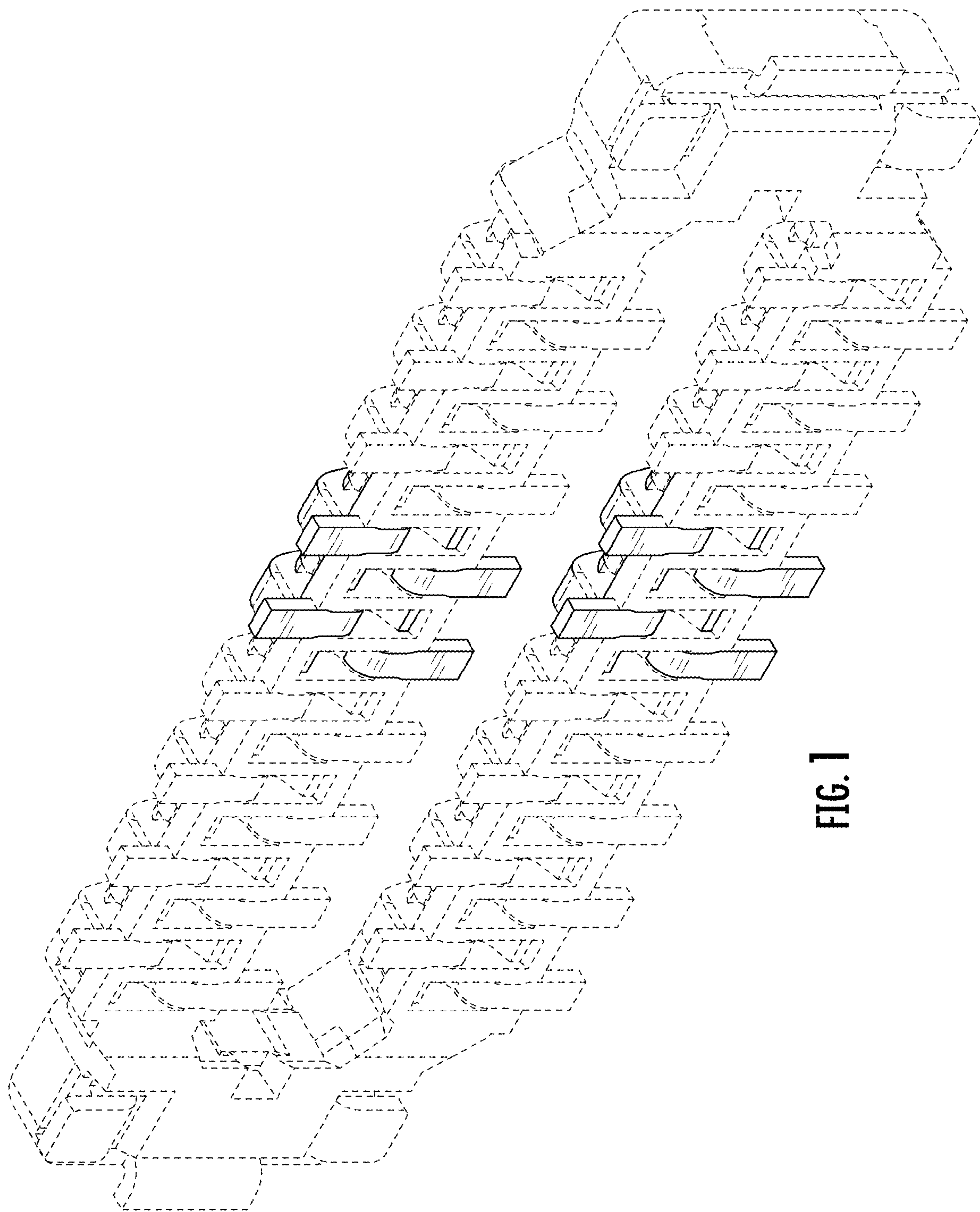


FIG. 1

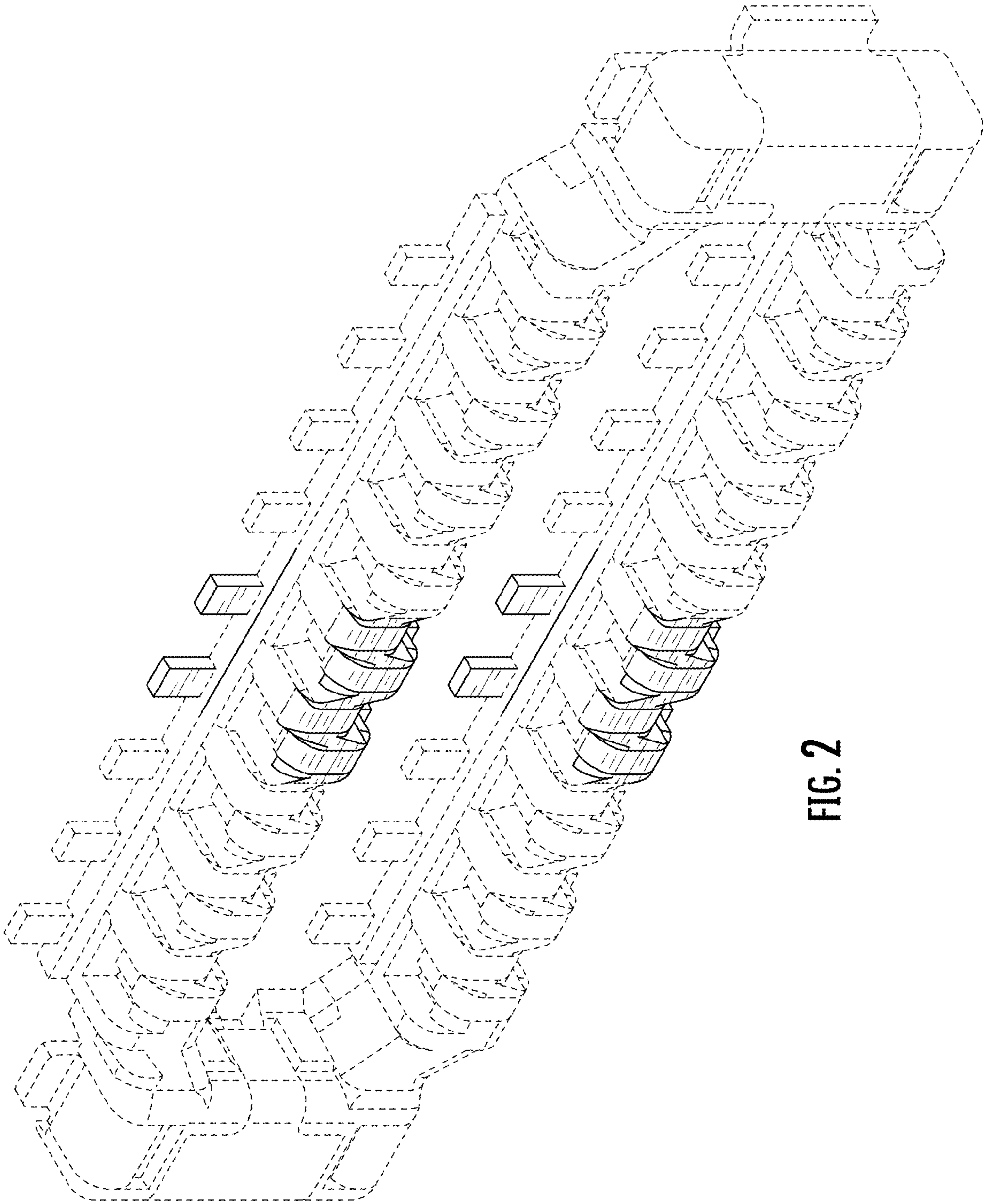


FIG. 2

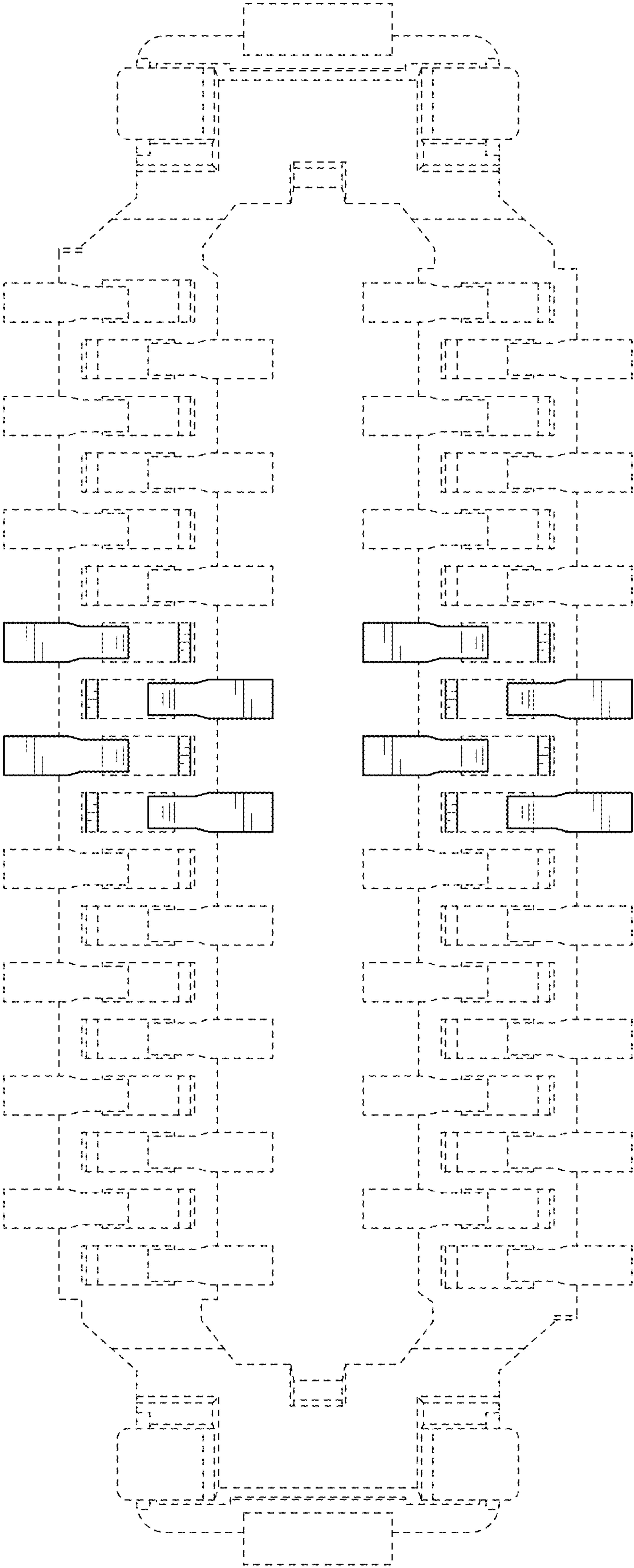


FIG. 3

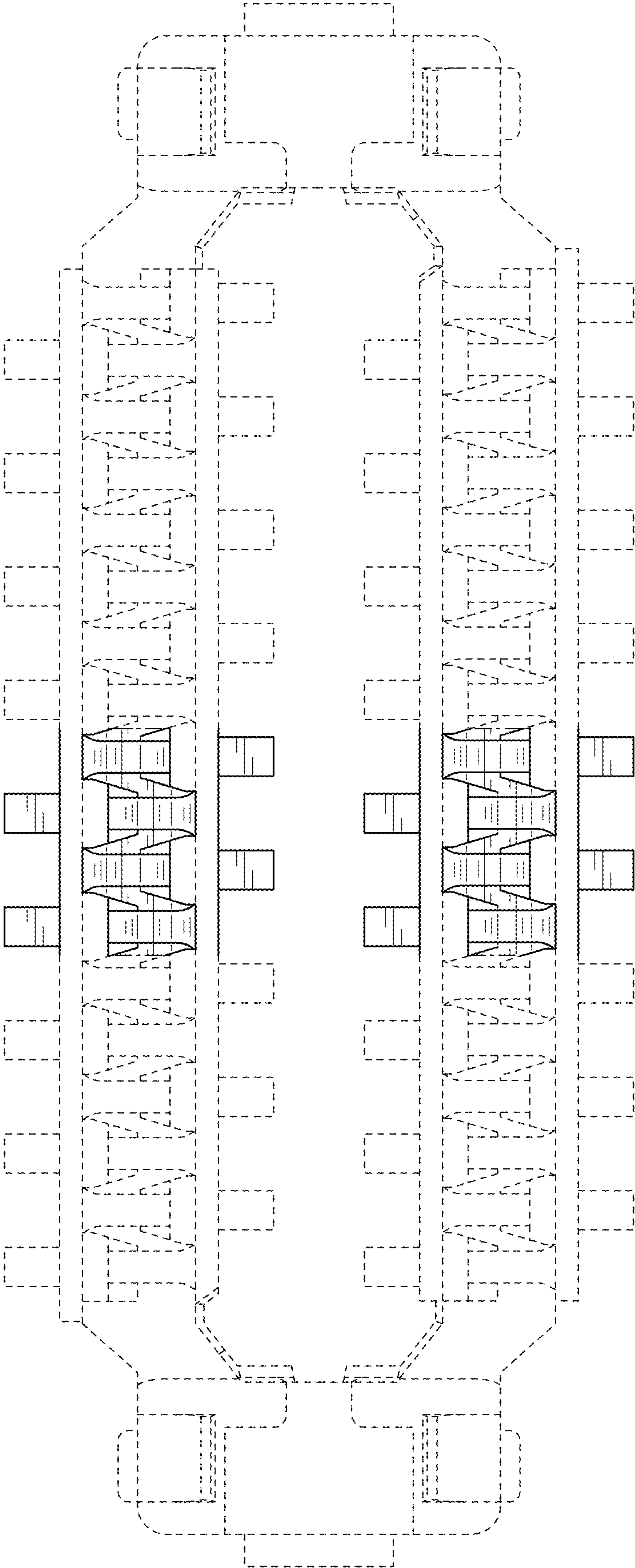


FIG. 4

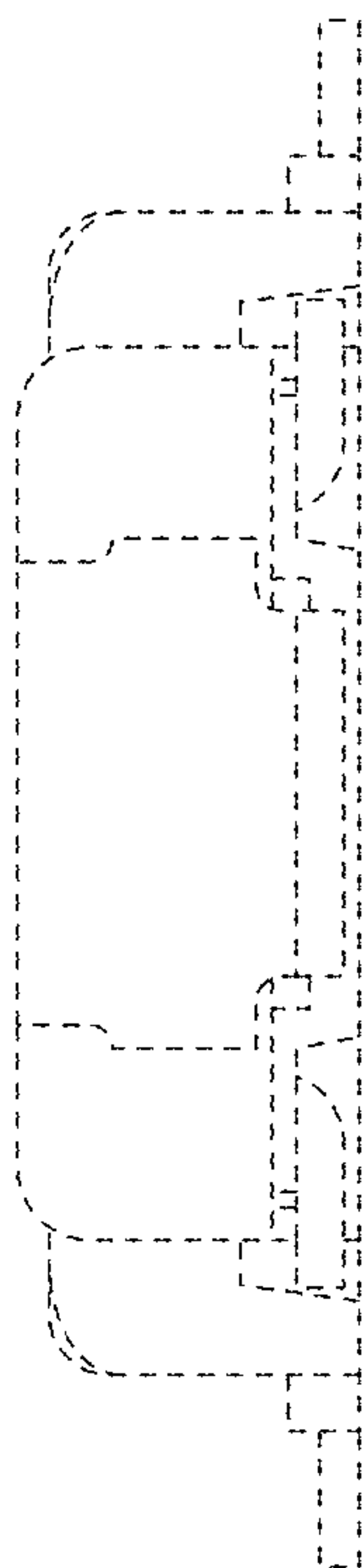


FIG. 5

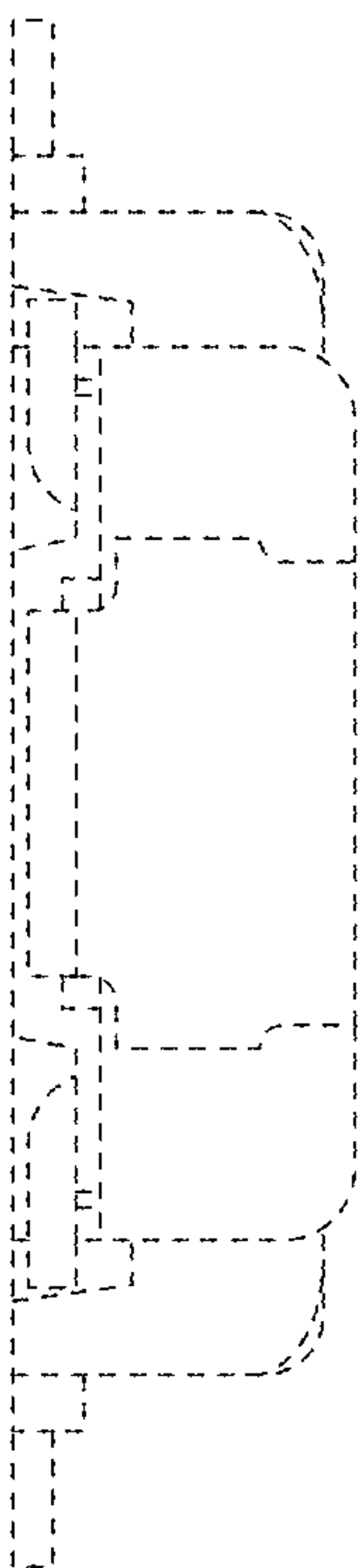


FIG. 6

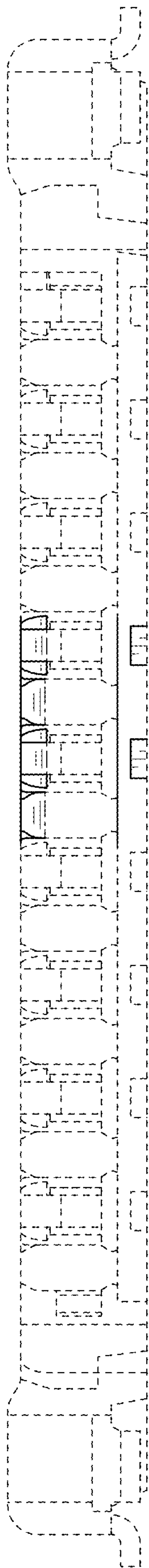


FIG. 7

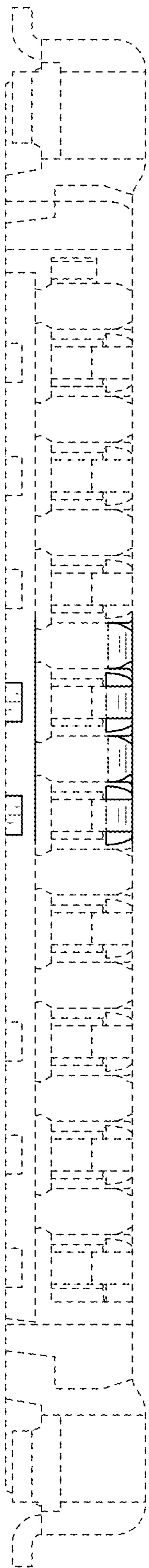


FIG. 8

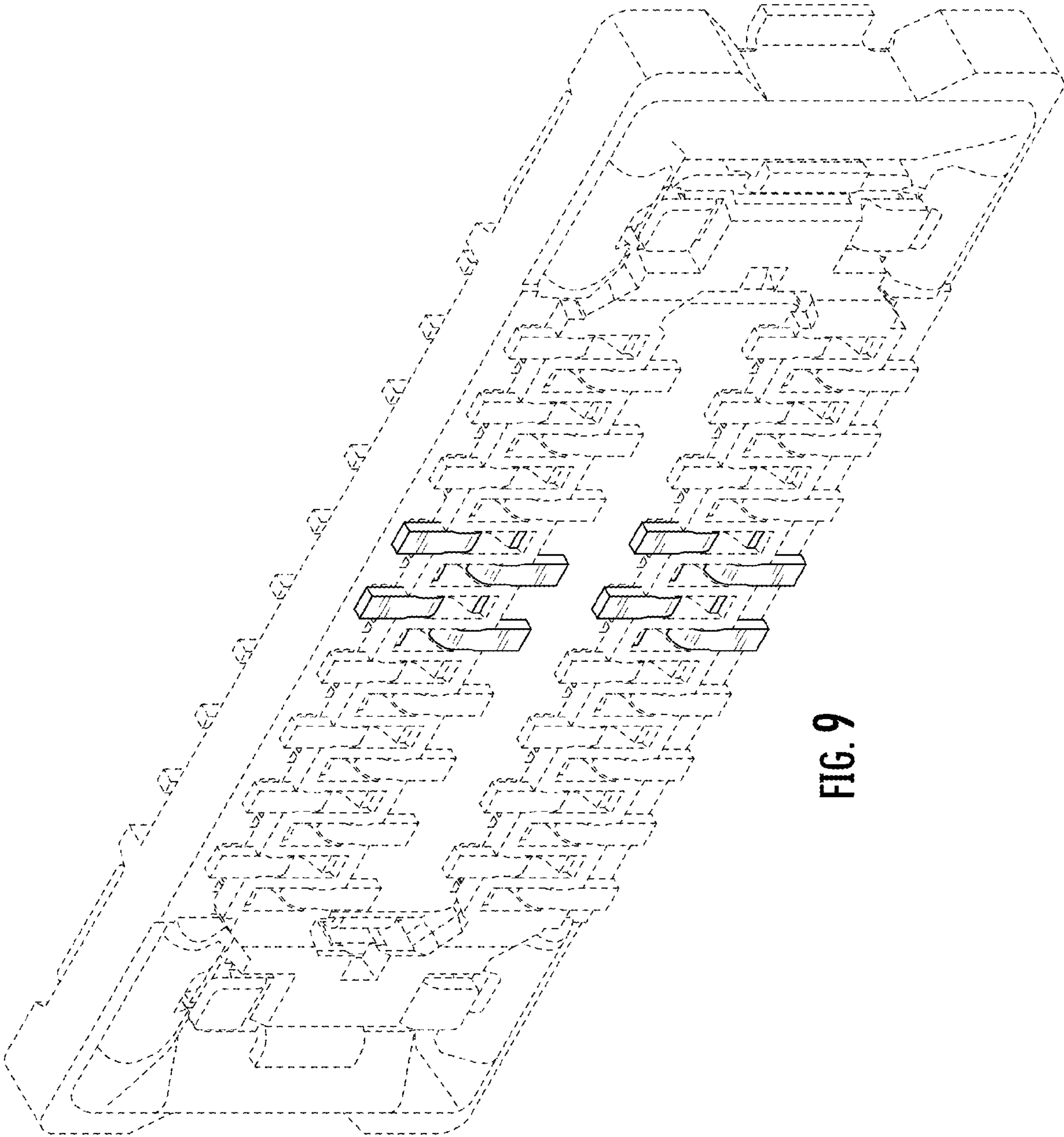


FIG. 9