



US00D824440S

(12) **United States Design Patent** (10) **Patent No.:** **US D824,440 S**
Takewaki et al. (45) **Date of Patent:** **** Jul. 31, 2018**

(54) **HEATER OF SUBSTRATE PROCESSING APPARATUS**

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(73) Assignee: **HITACHI KOKUSAI ELECTRIC INC.**, Tokyo (JP)

(**) Term: **15 Years**

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(22) Filed: **Aug. 10, 2016**

(30) **Foreign Application Priority Data**

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(51) **LOC (11) Cl.** **15-09**

(52) **U.S. Cl.**
USPC **D15/144.1**

(58) **Field of Classification Search**
USPC D13/123-132, 110, 101, 162, 164, 184, D13/199; D15/144.1
CPC H01L 21/67248; C23C 14/541
See application file for complete search history.

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(57) **CLAIM**

We claim the ornamental design for a heater of substrate processing apparatus, as shown and described.

DESCRIPTION

FIG. 1 is a front, top and right side perspective view of a heater of substrate processing apparatus showing our new design;

FIG. 2 is a rear, top and right side perspective view thereof;

FIG. 3 is a front elevational view thereof;

FIG. 4 is a rear elevational view thereof;

FIG. 5 is a left side elevational view thereof;

FIG. 6 is a right side elevational view thereof;

FIG. 7 is a top plan view thereof;

FIG. 8 is a bottom plan view thereof;

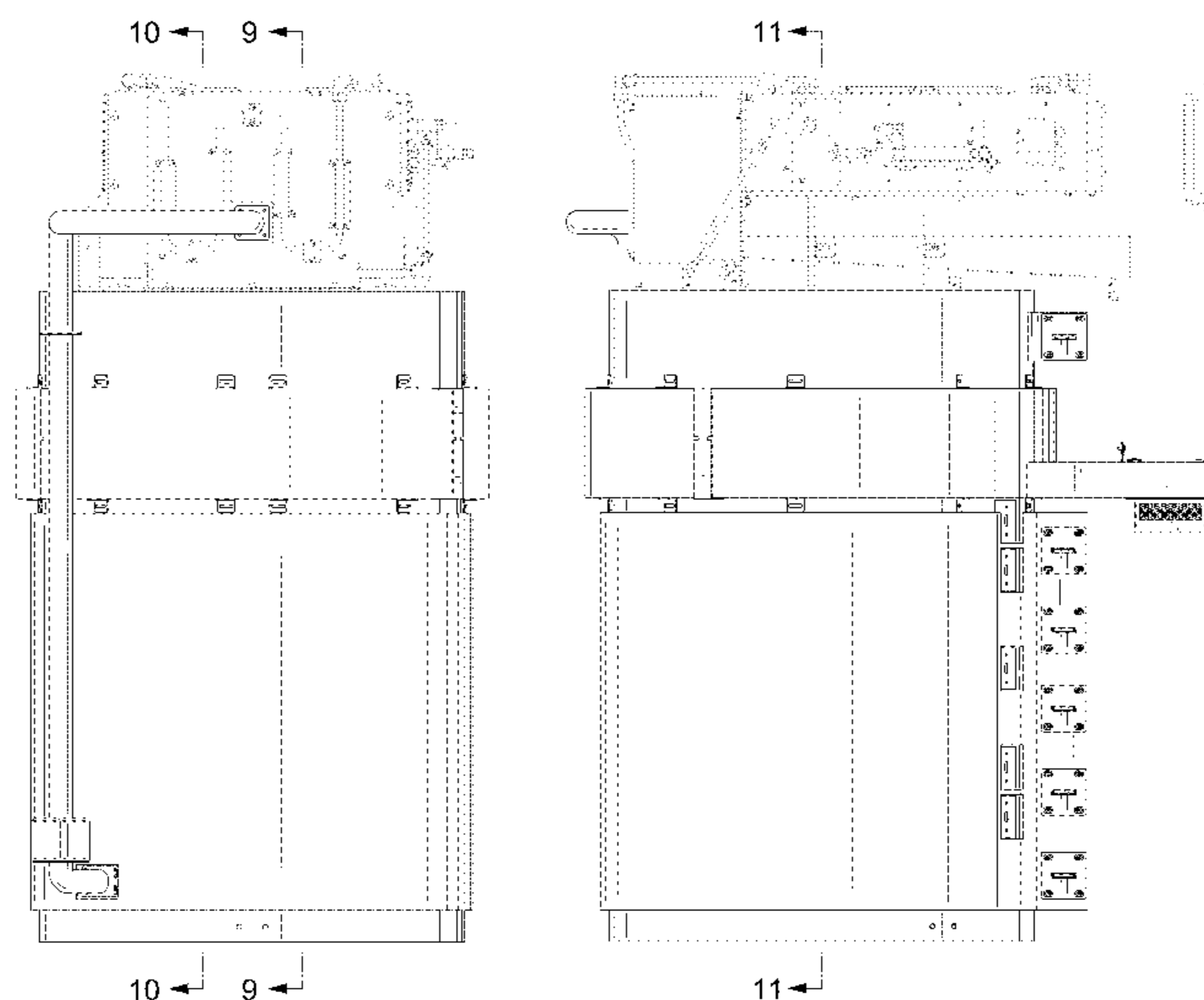
FIG. 9 is a cross-sectional view thereof taken in the direction of line 9-9 in FIG. 3;

FIG. 10 is an exploded cross-sectional view thereof taken in the direction of line 10-10 in FIG. 3 in order to show aspects of the design not otherwise apparent; and,

FIG. 11 is a cross-sectional view thereof taken in the direction of line 11-11 in FIG. 6.

The broken lines are included for the purpose of illustrating portions of the article that form no part of the claimed design. The dot-dash broken line arrows in the FIGS. 3 and 6 views are used to identify the cross section views, are for reference purposes only, and form no part of the claimed design.

1 Claim, 11 Drawing Sheets



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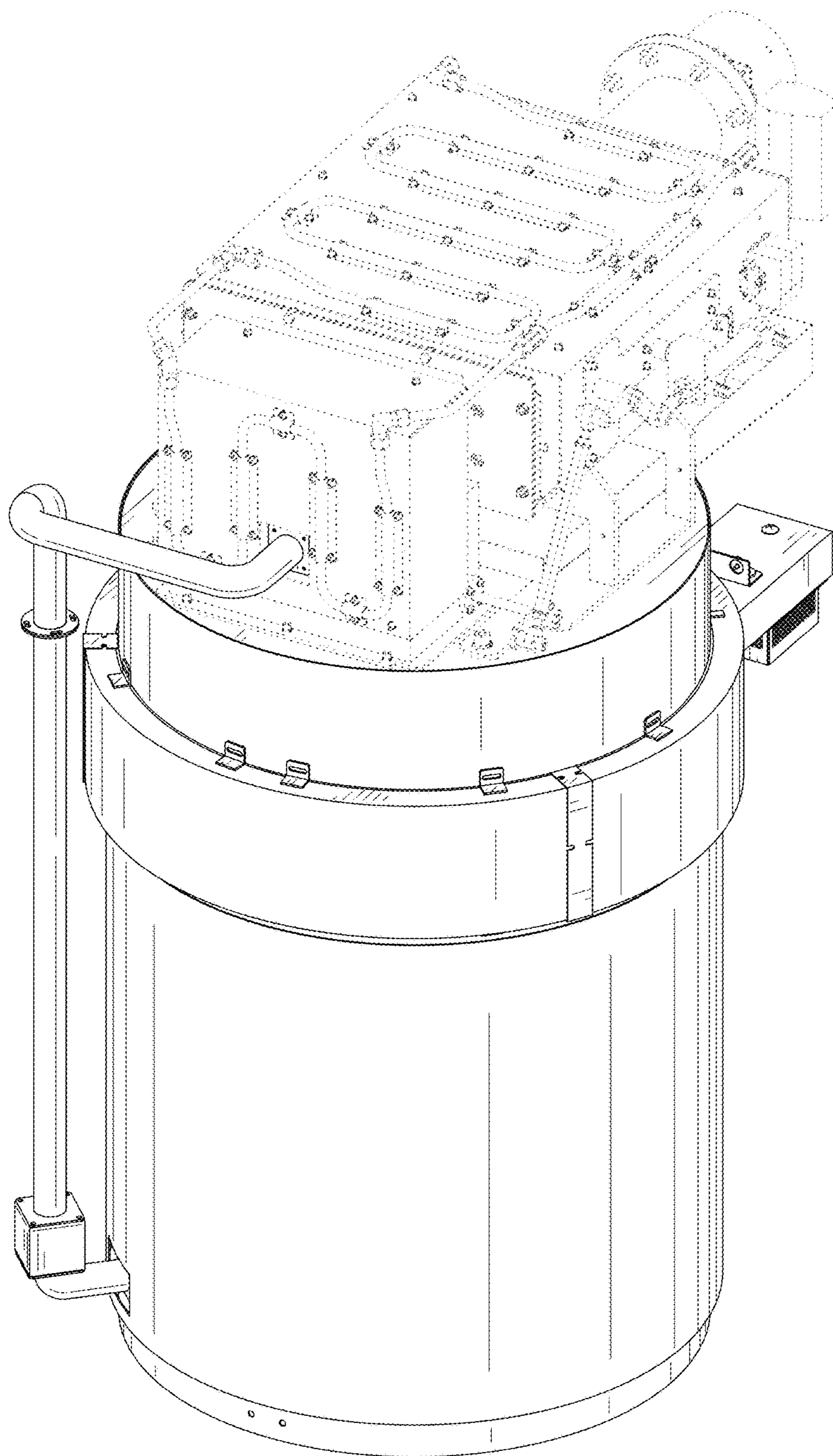


FIG. 1

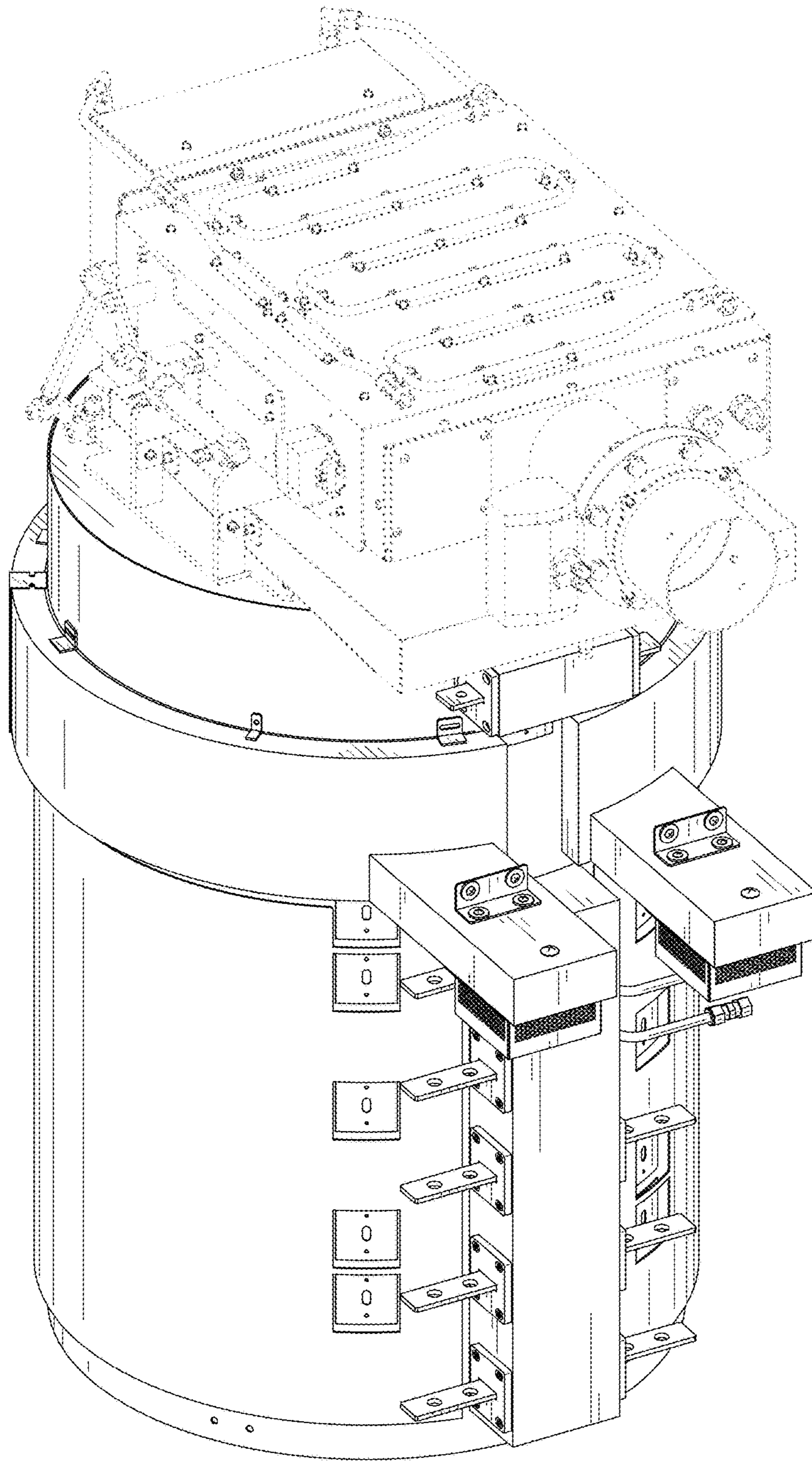


FIG. 2

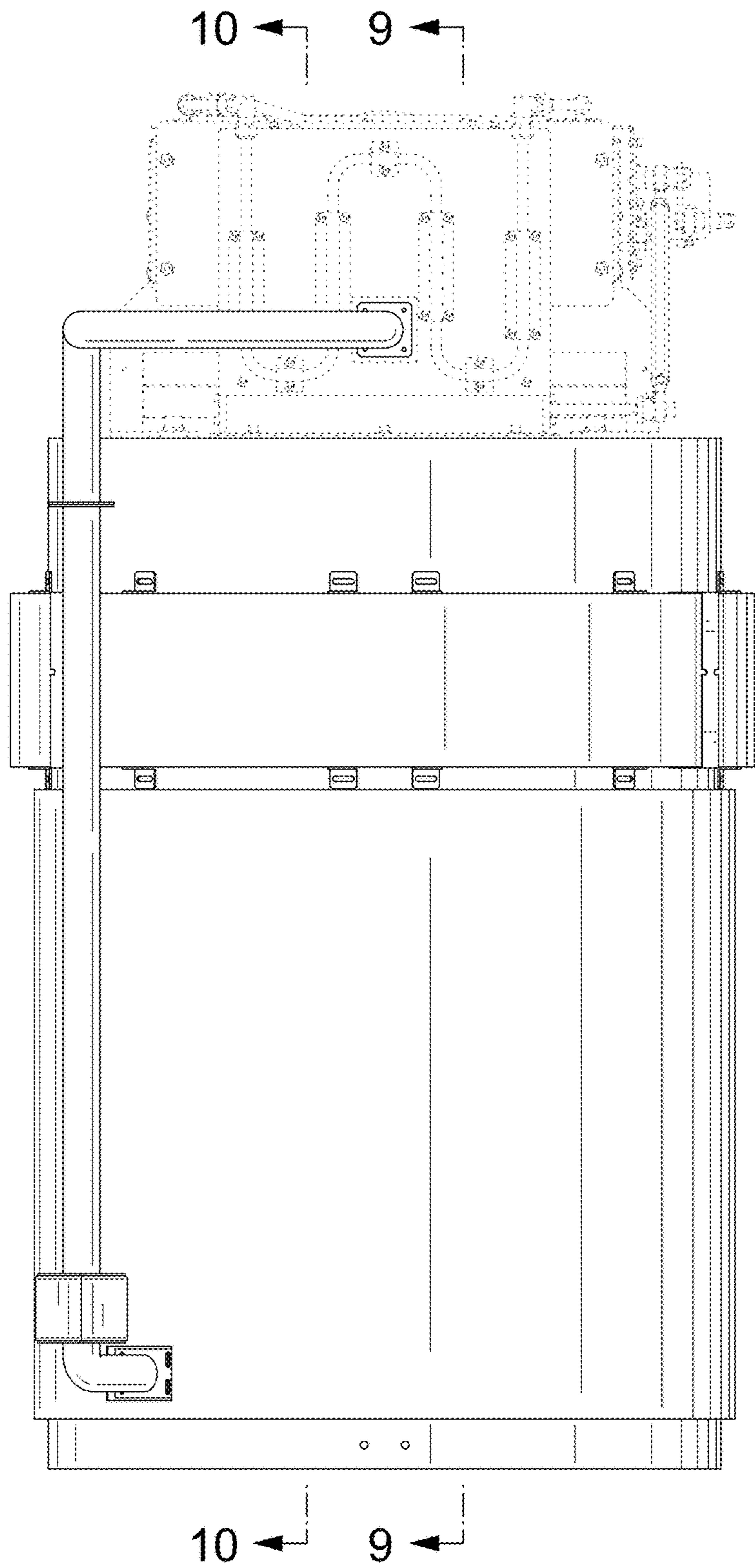


FIG. 3

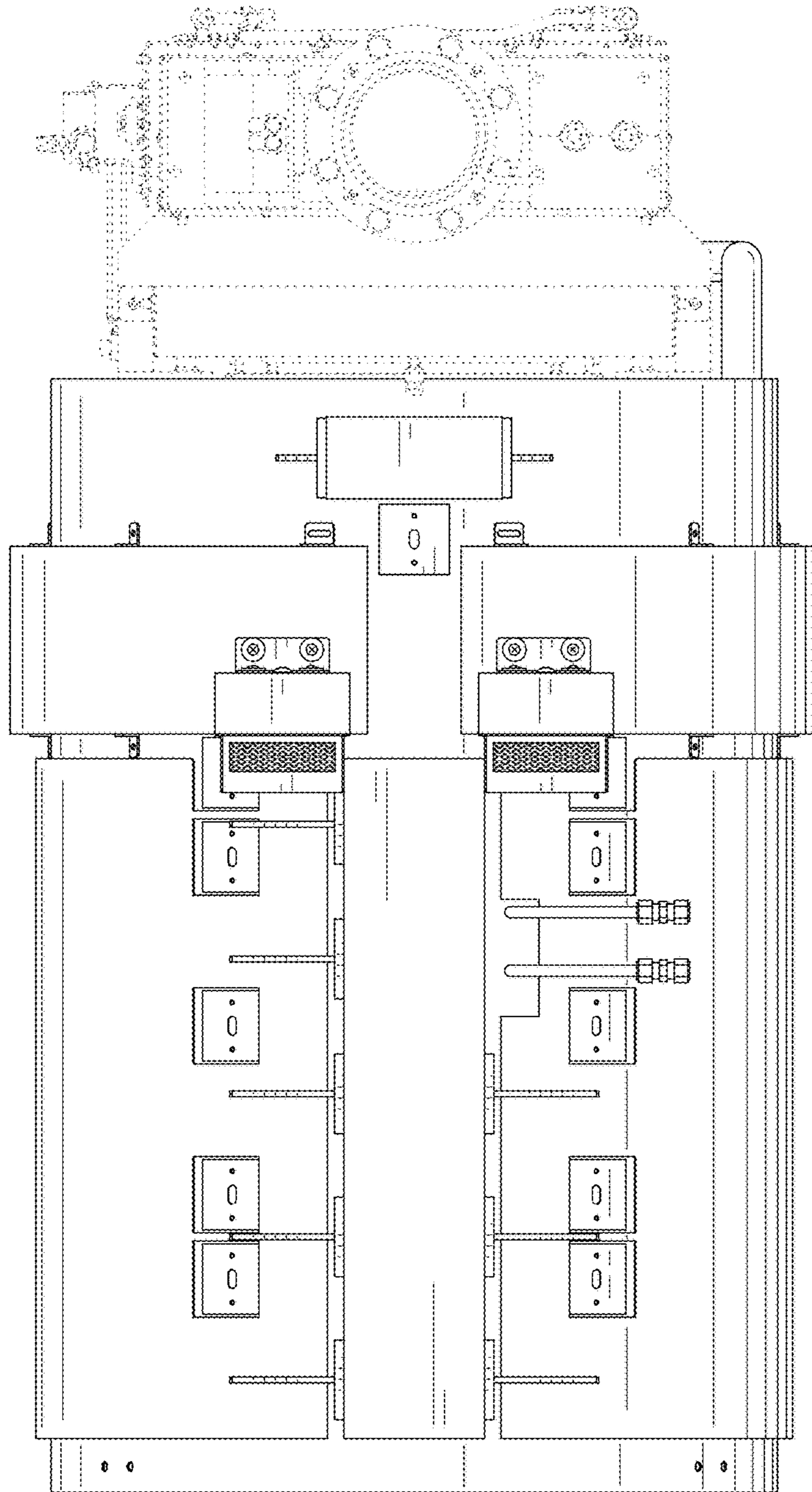


FIG. 4

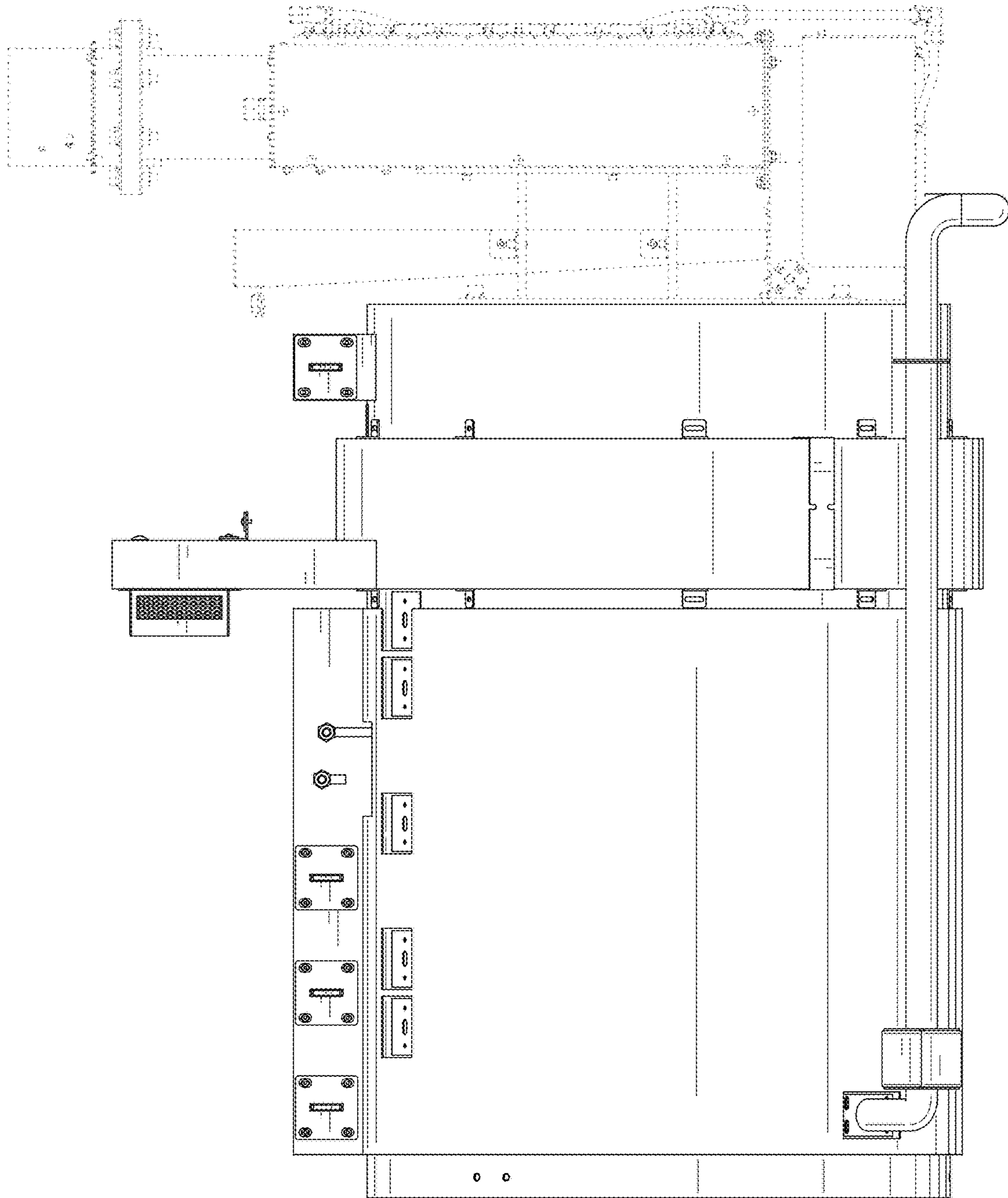


FIG. 5

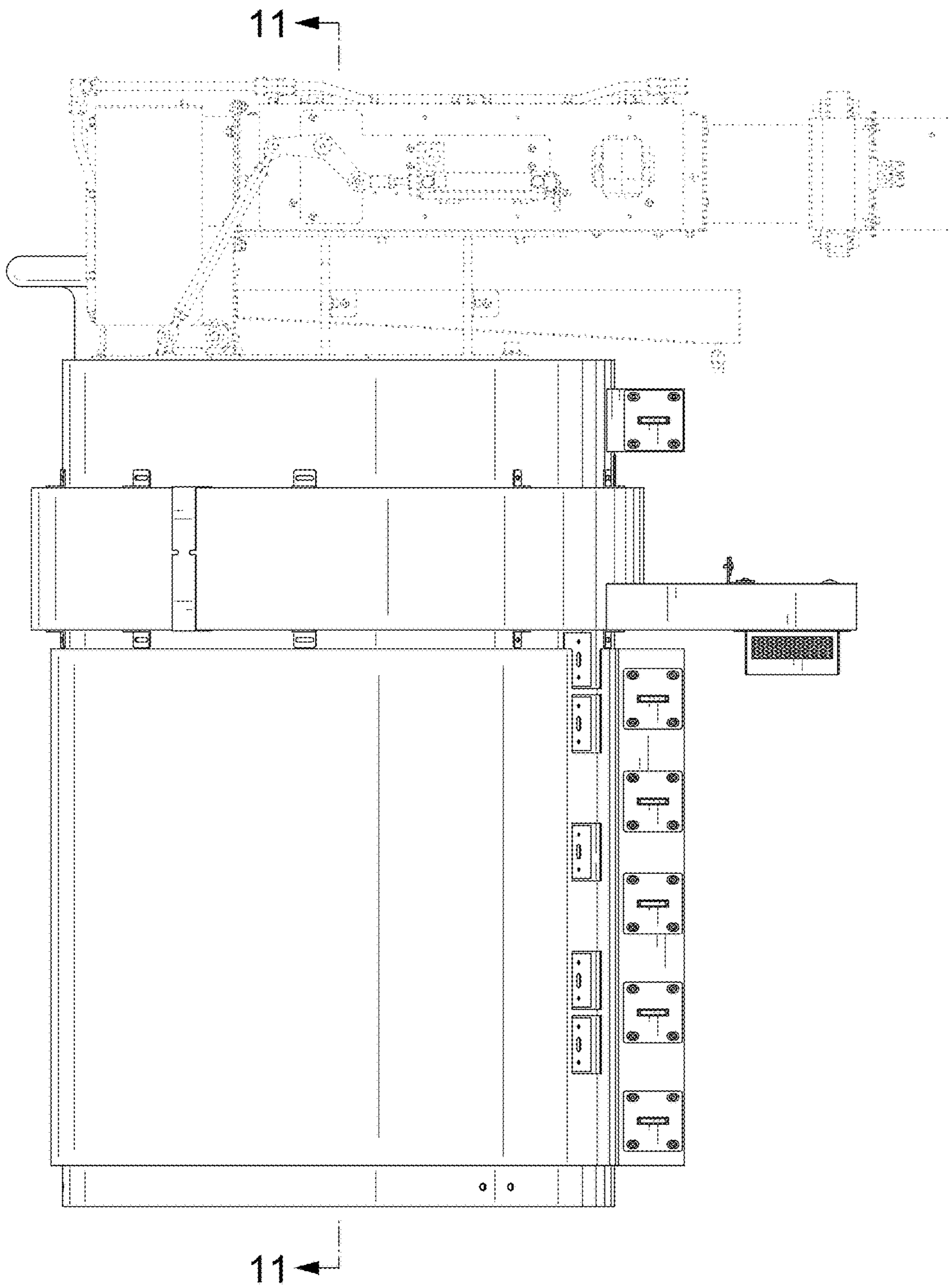


FIG. 6

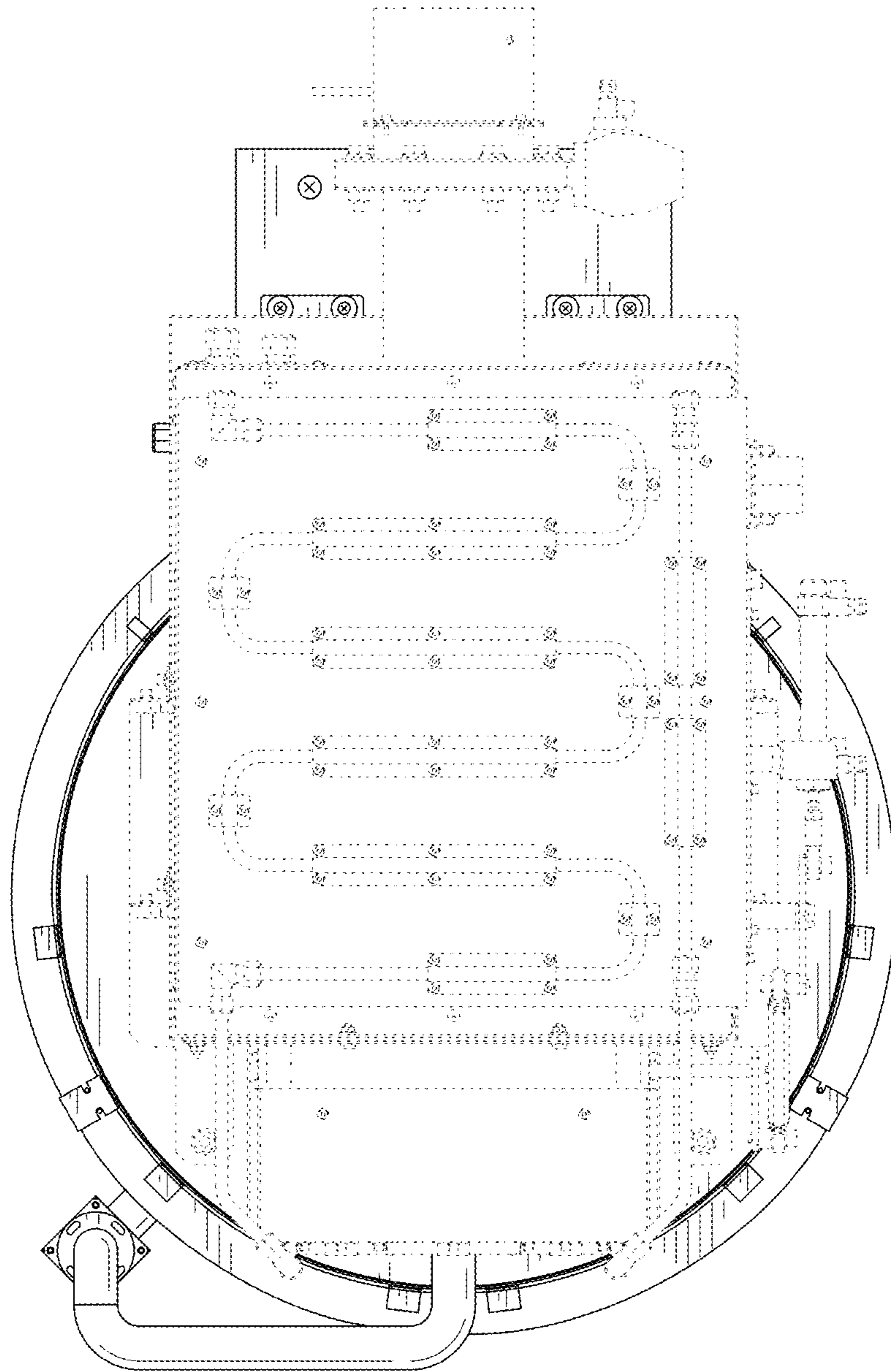


FIG. 7

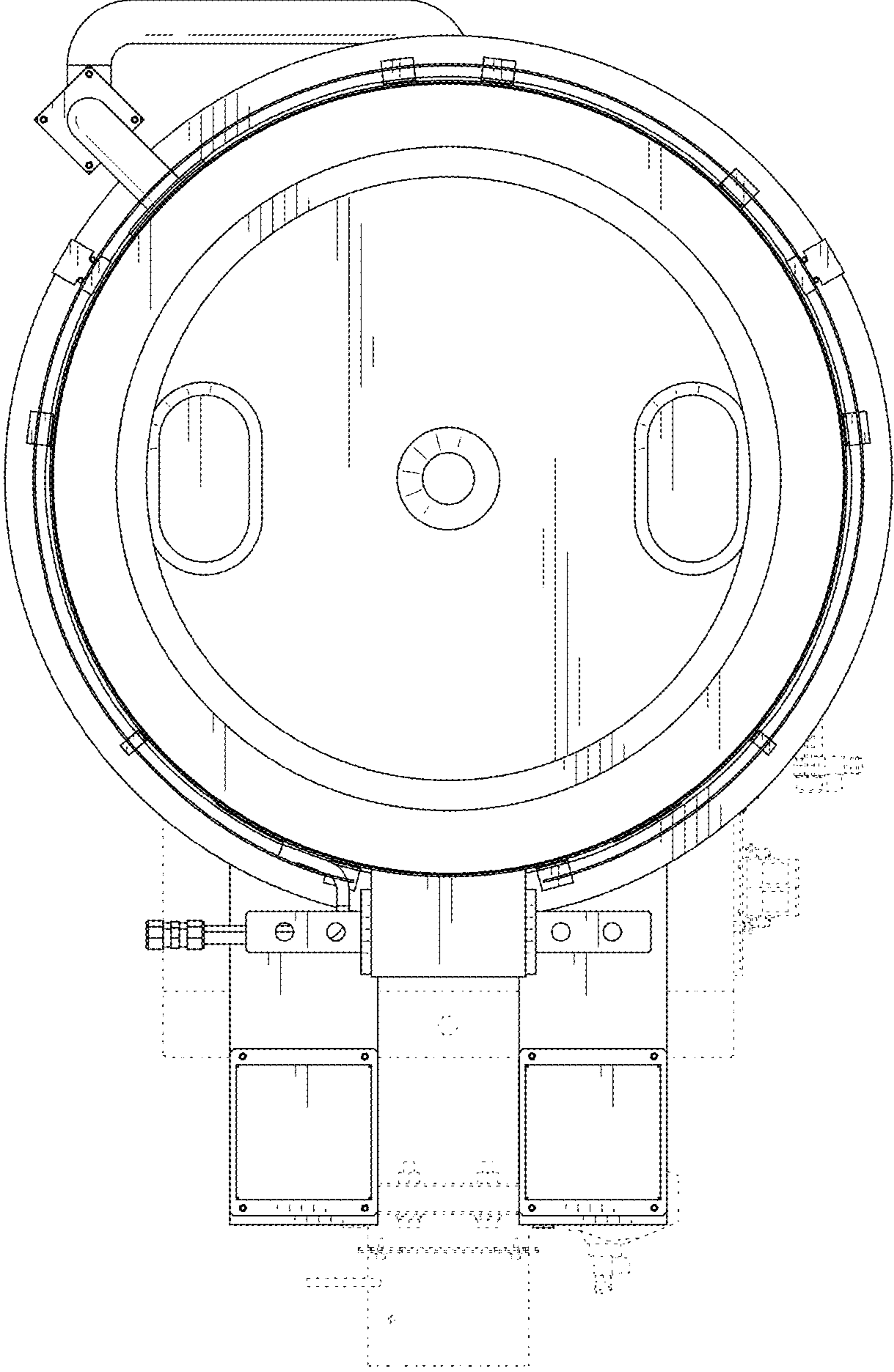


FIG. 8

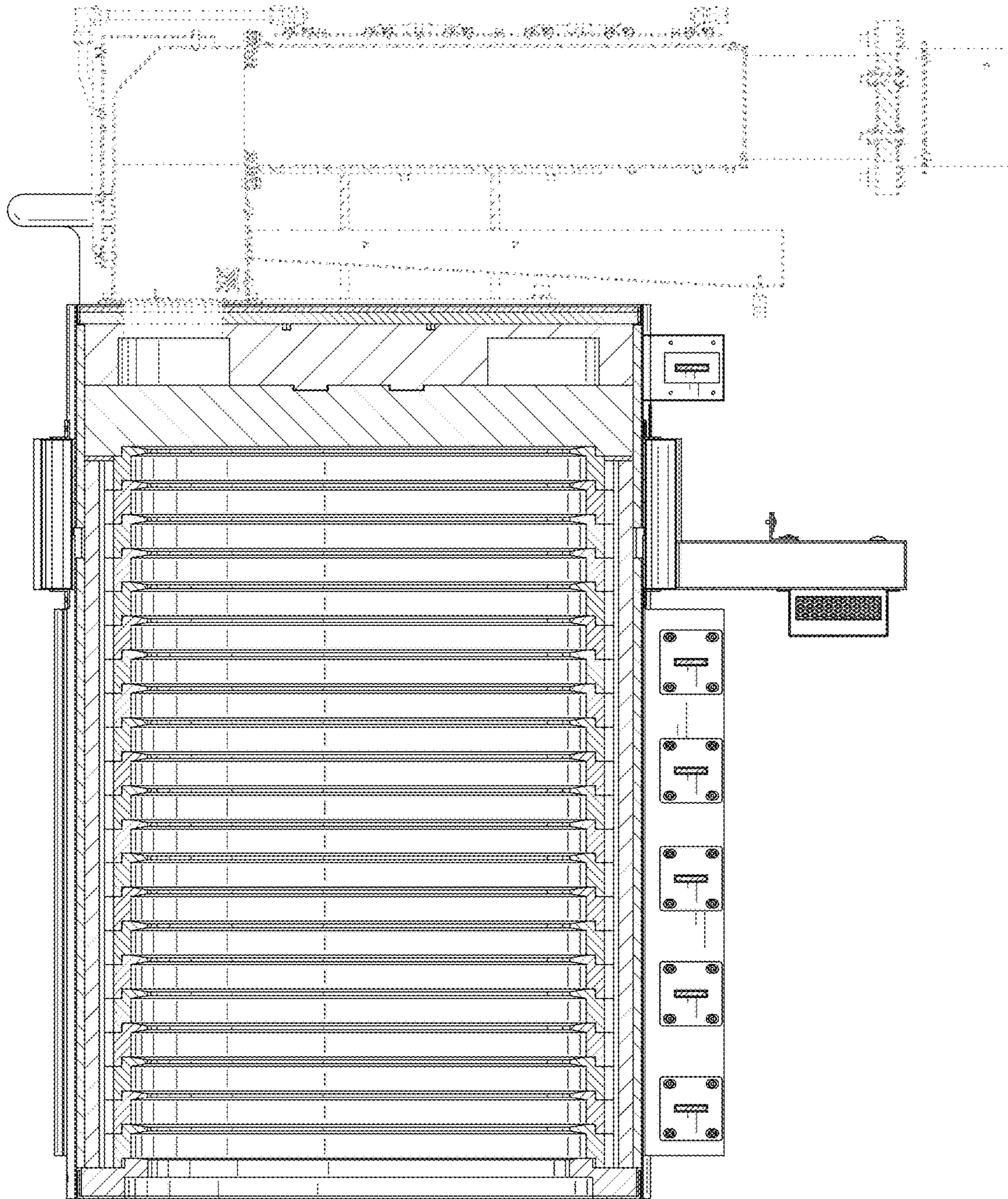


FIG. 9

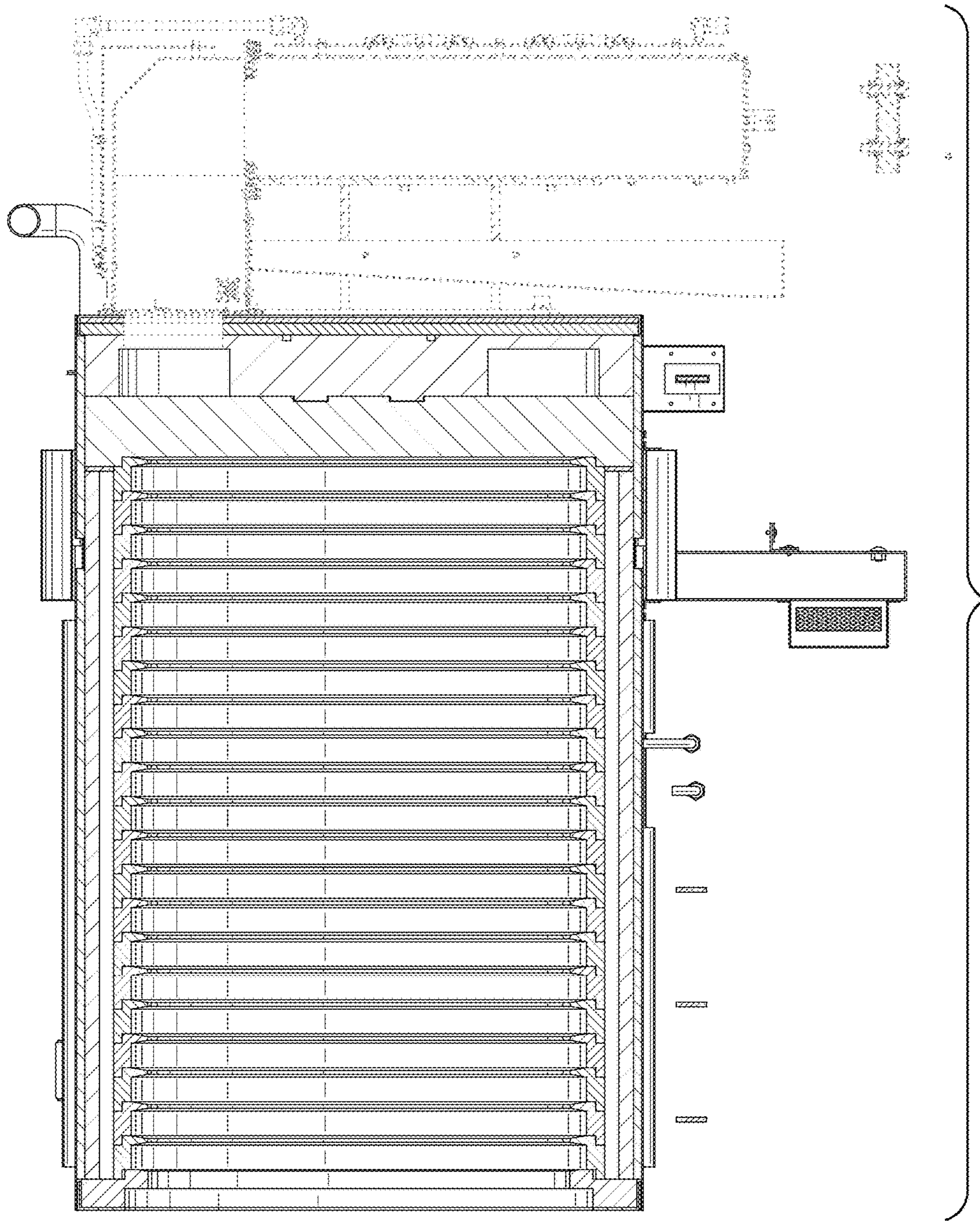


FIG. 10

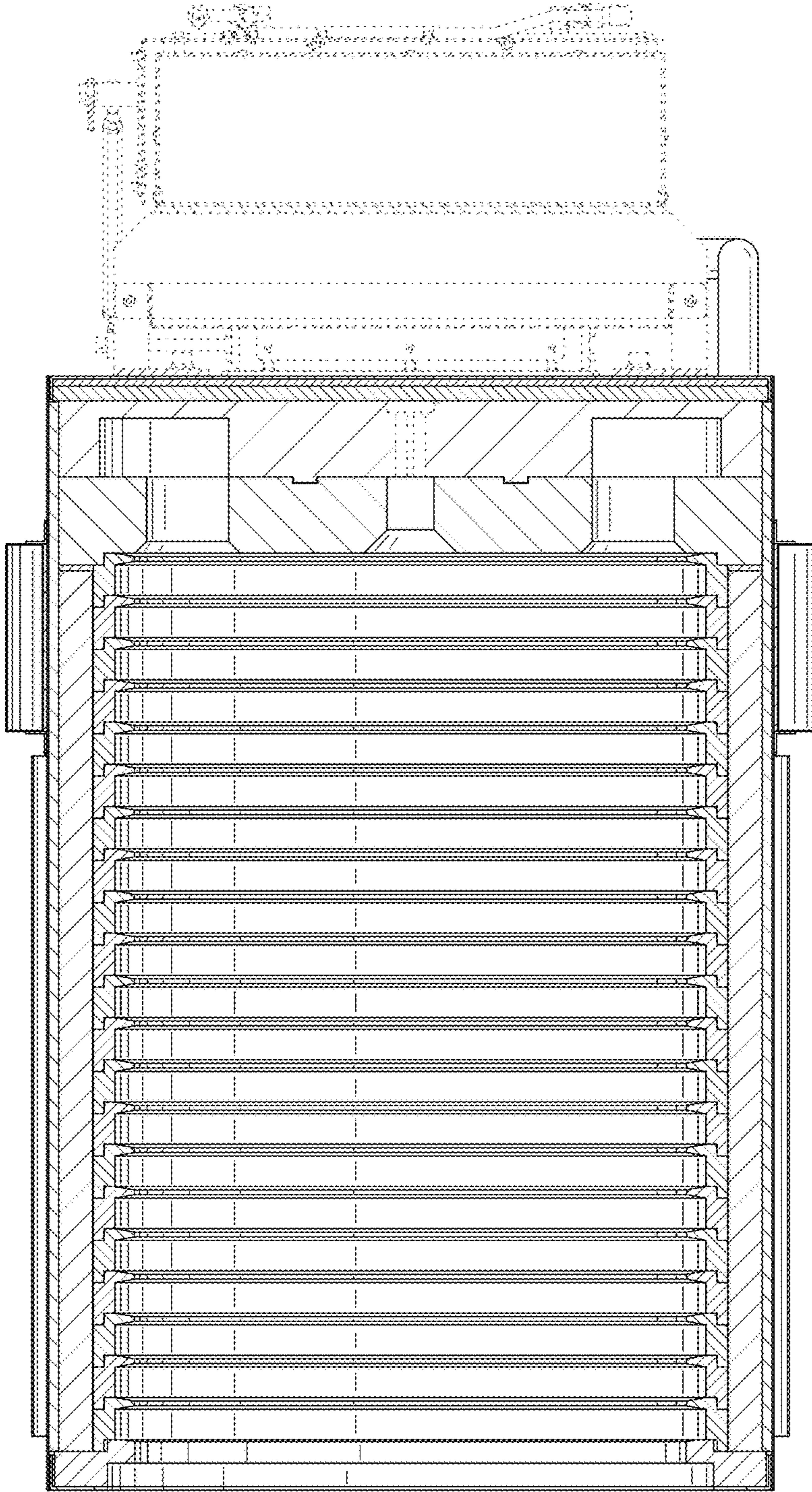


FIG. 11