



US00D786951S

(12) **United States Design Patent** (10) **Patent No.:** **US D786,951 S**
Osaka et al. (45) **Date of Patent:** **** May 16, 2017**

(54) **REACTION TUBE**(56) **References Cited**

U.S. PATENT DOCUMENTS

(71) Applicant: **Hitachi Kokusai Electric Inc.**, Tokyo
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(72) Inventors: **Akihiro Osaka**, Toyama (JP); **Hideto Yamaguchi**, Toyama (JP); **Motoya Takewaki**, Toyama (JP)*Primary Examiner* — Antoine D Davis
(74) *Attorney, Agent, or Firm* — Fitch, Even, Tabin & Flannery, LLP(57) **CLAIM**

We claim the ornamental design for a reaction tube, as shown (and described).

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

FIG. 1 is a perspective view of a reaction tube showing my new design;

(21) Appl. No.: **29/536,780**

FIG. 2 is a front elevational view thereof;

(22) Filed: **Aug. 19, 2015**

FIG. 3 is a rear elevational view thereof;

(30) **Foreign Application Priority Data**

FIG. 4 is a left side elevational view thereof;

Feb. 25, 2015 (JP) 2015-003958

FIG. 5 is a right side elevational view thereof;

(51) **LOC (10) Cl.** **15-09**

FIG. 6 is a top plan view thereof; and

(52) **U.S. Cl.**

FIG. 7 is a bottom plan view thereof.

USPC **D15/122**

FIG. 8 is a cross sectional view taken along line 8-8 in FIG. 2 thereof;

(58) **Field of Classification Search**

USPC D10/46; D15/122

FIG. 9 is a cross sectional view taken along line 9-9 in FIG. 2 thereof;

CPC H01L 21/02186; H01L 21/0234; H01L

FIG. 10 is a cross sectional view taken along line 10-10 in FIG. 4 thereof; and,

21/02274; H01L 21/02329; C23C

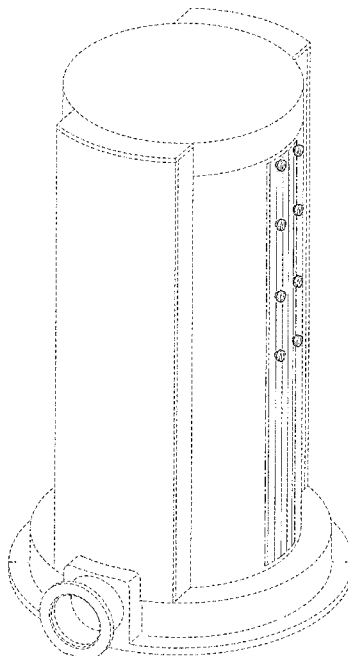
FIG. 11 is a cross sectional view taken along line 11-11 in FIG. 4 thereof.

16/4584; C23C 16/4585; C23C 16/455

The dashed-dot-dashed lines represent the boundary lines of the claimed design.

See application file for complete search history.

The broken lines shown in the drawings represent portions of the reaction tube that form no part of the claimed design.

1 Claim, 11 Drawing Sheets

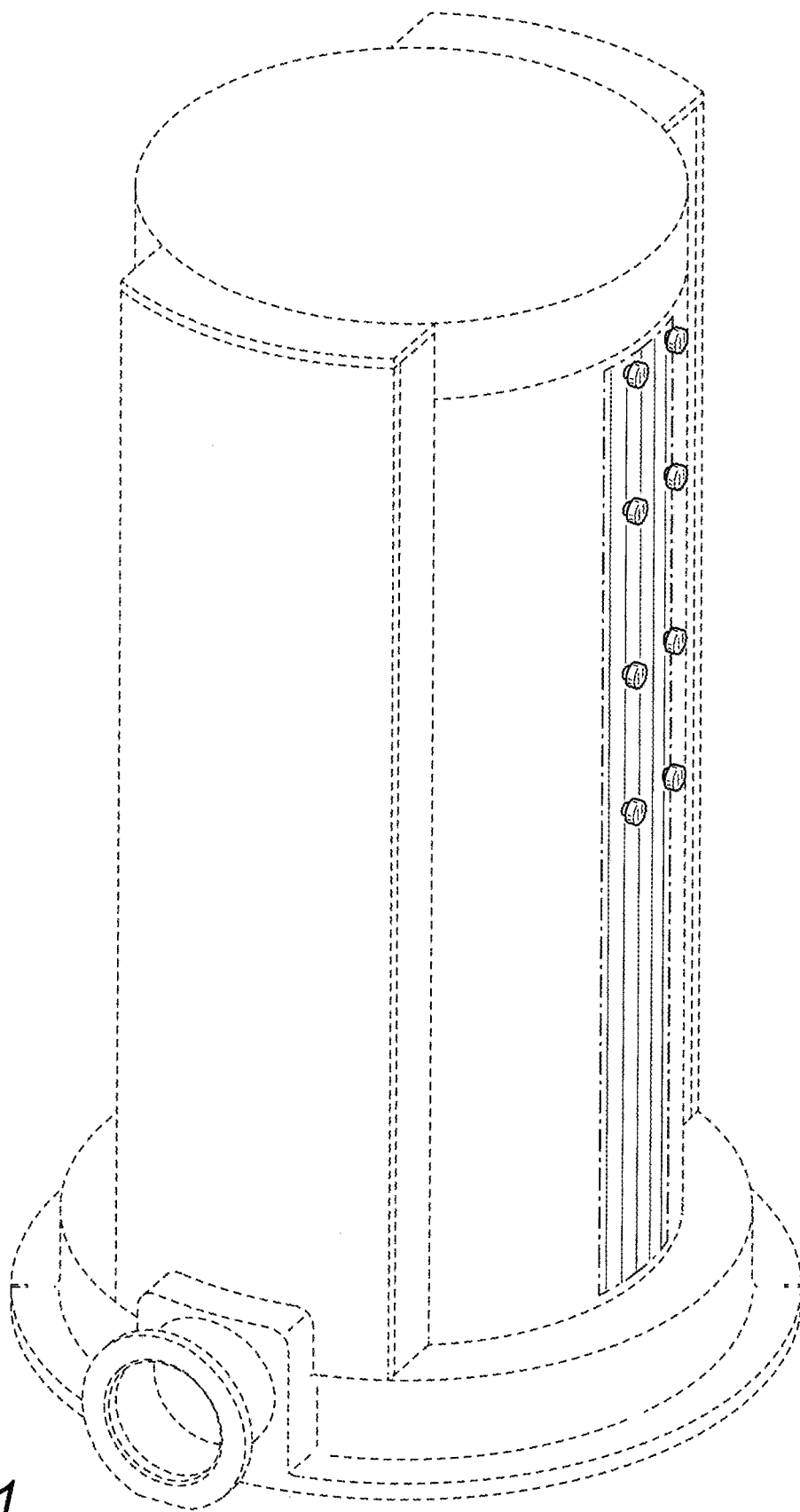


FIG. 1

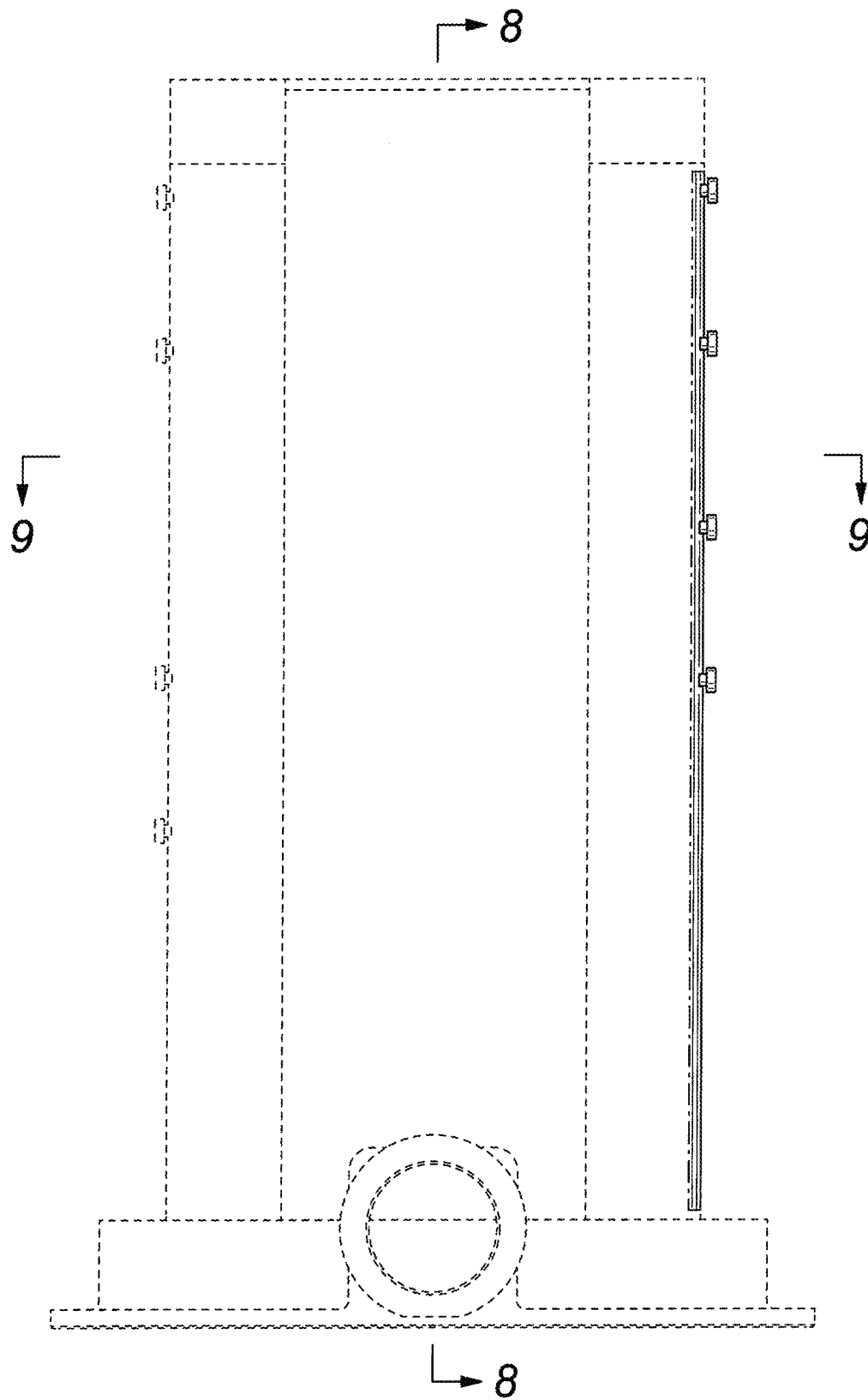


FIG. 2

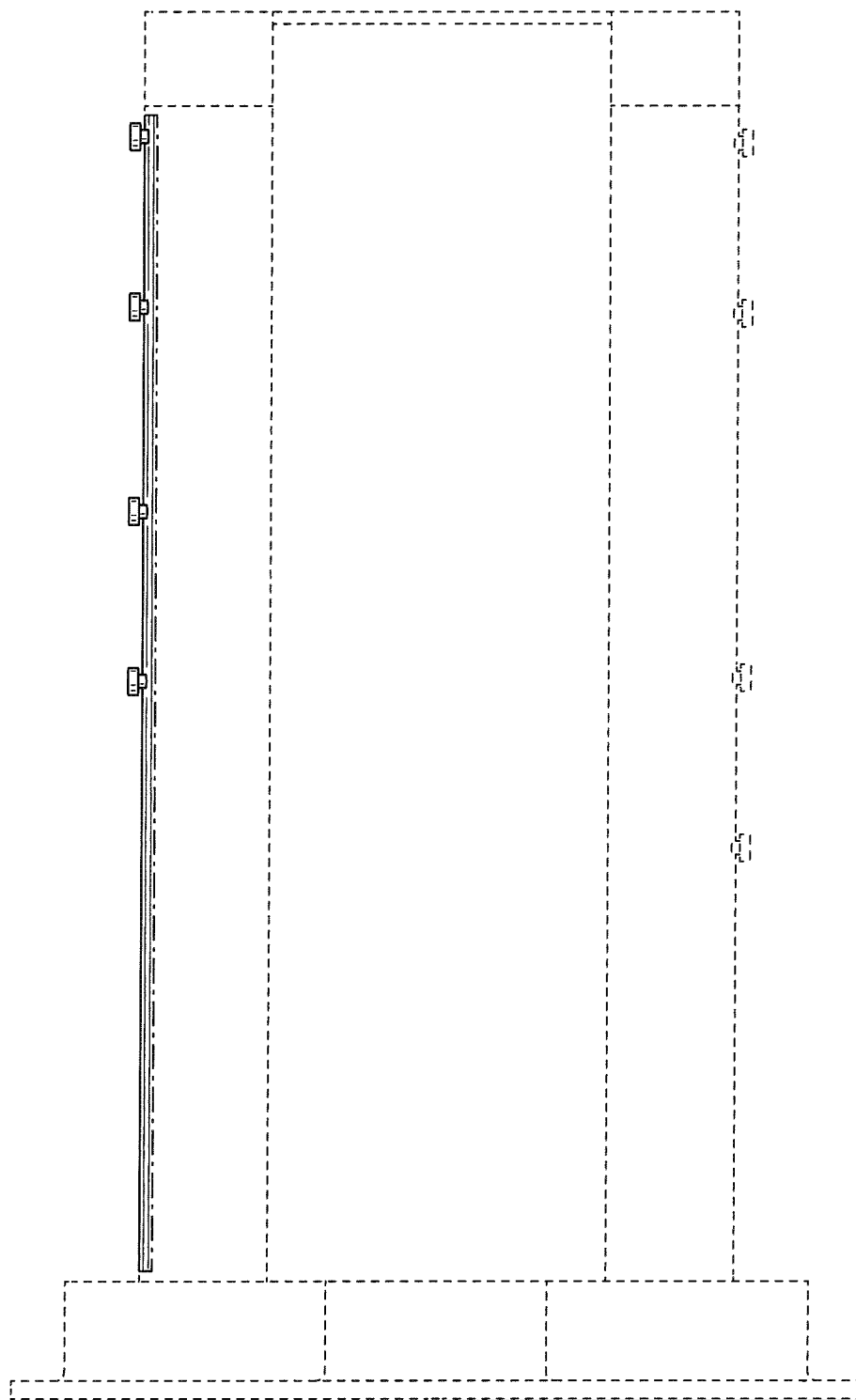
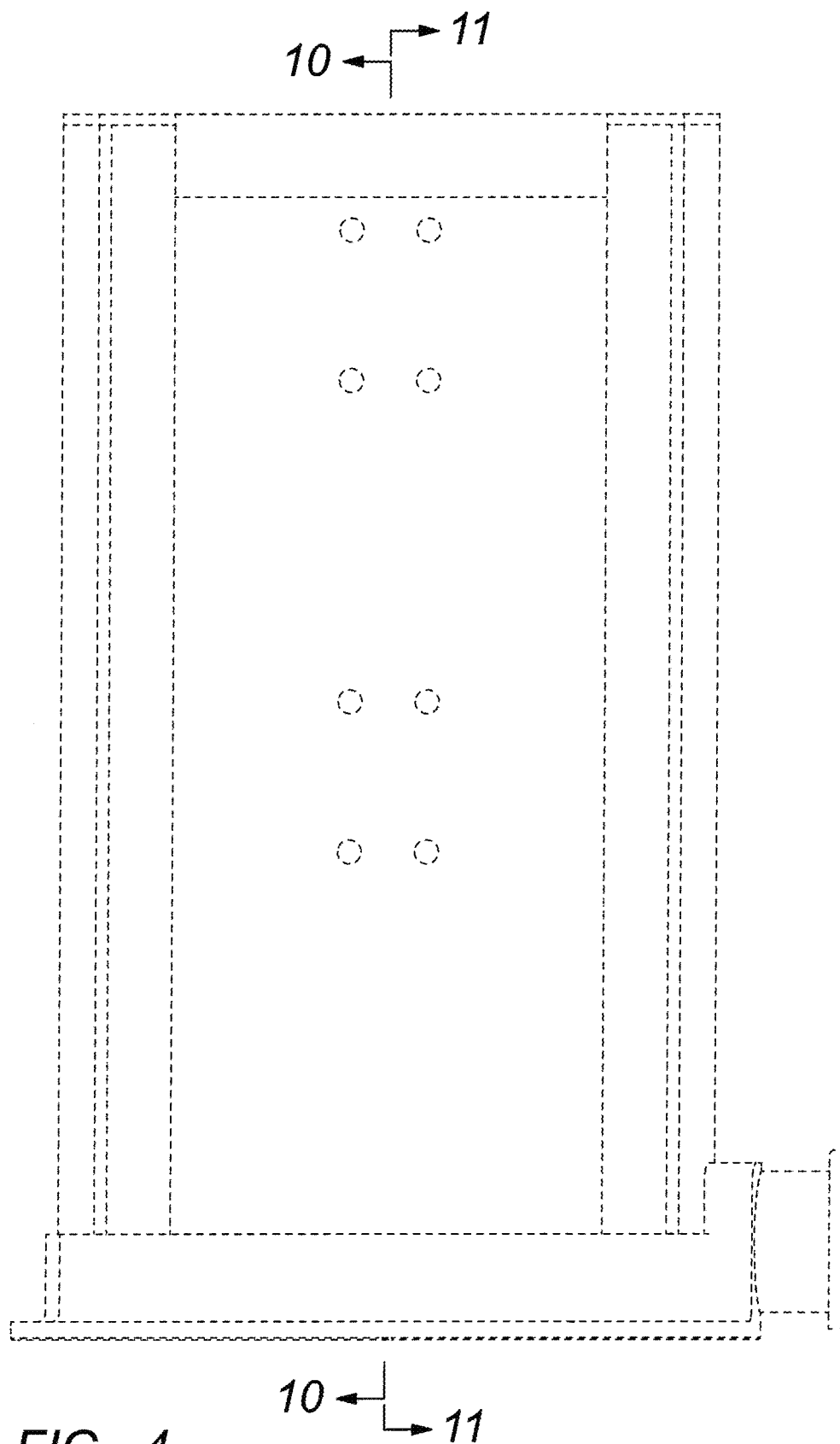


FIG. 3



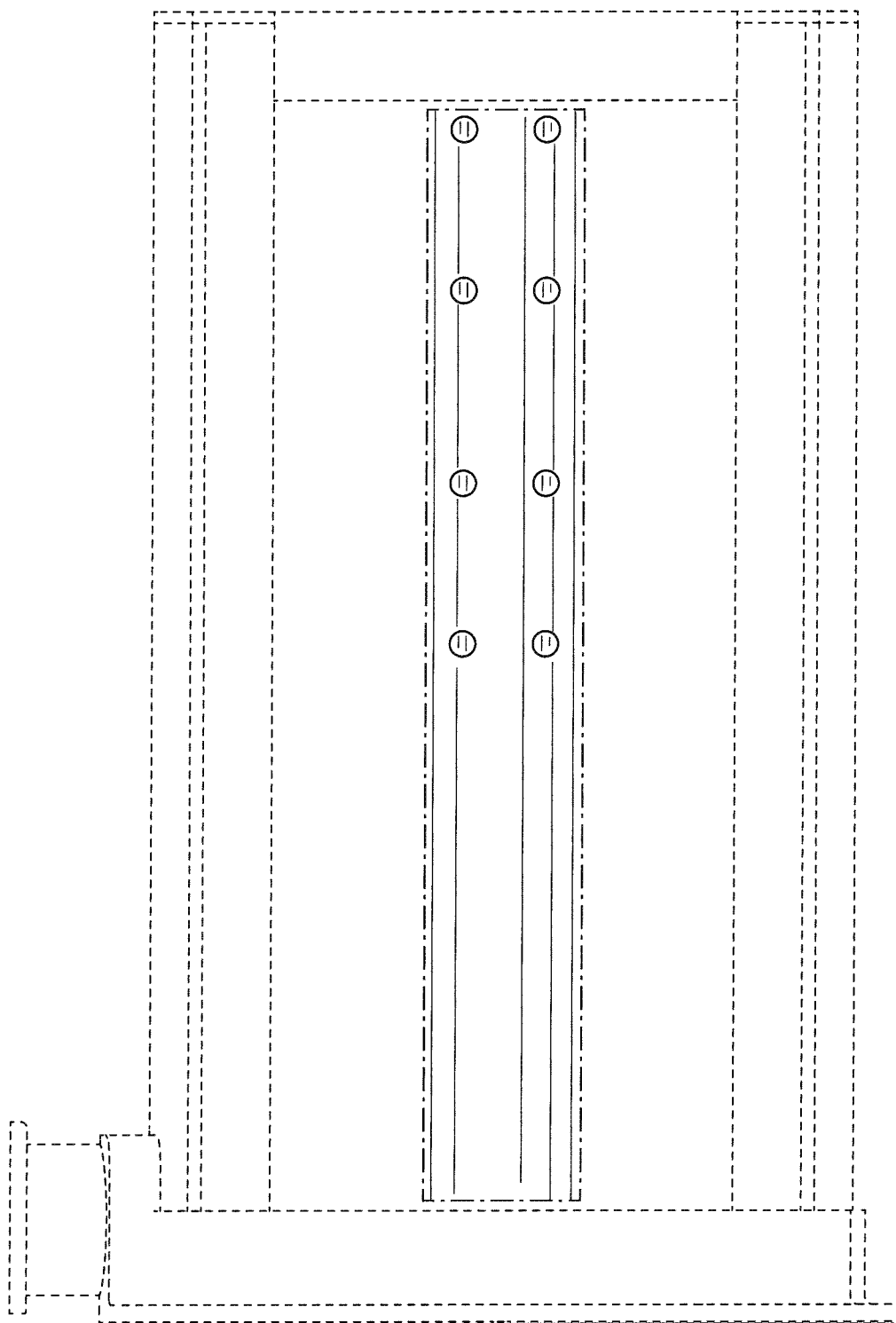


FIG. 5

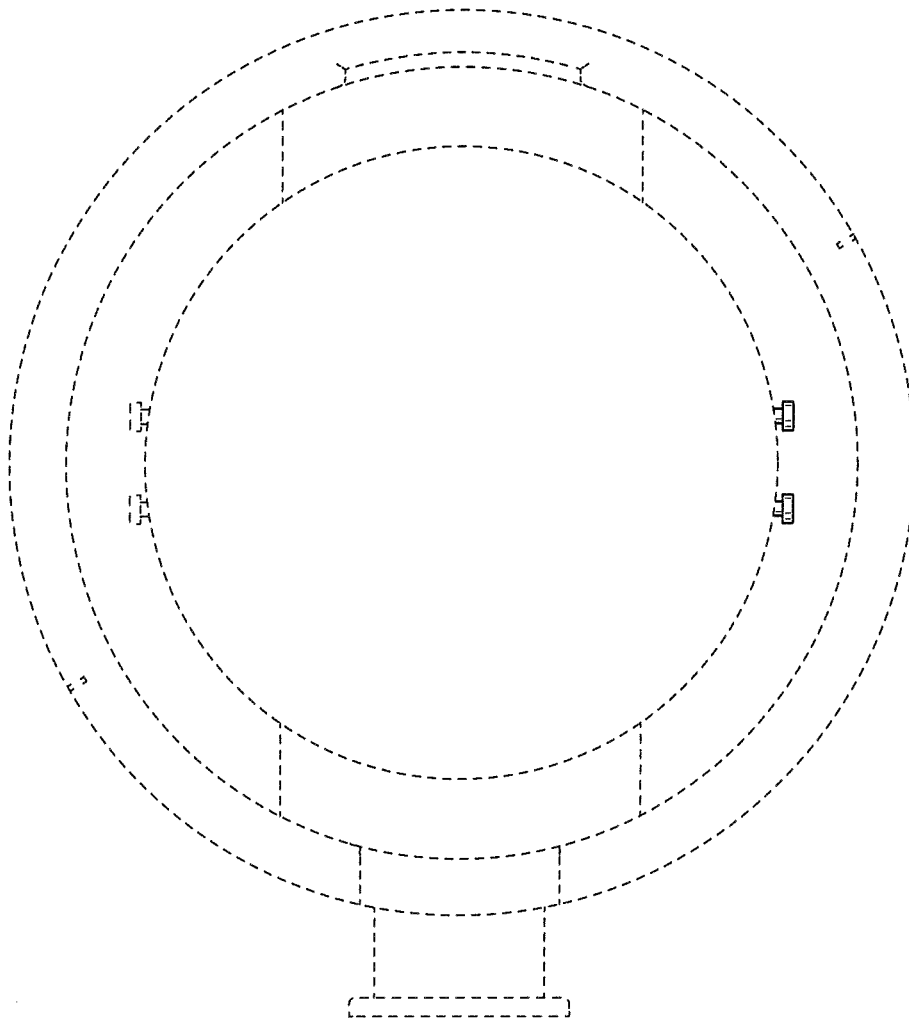


FIG. 6

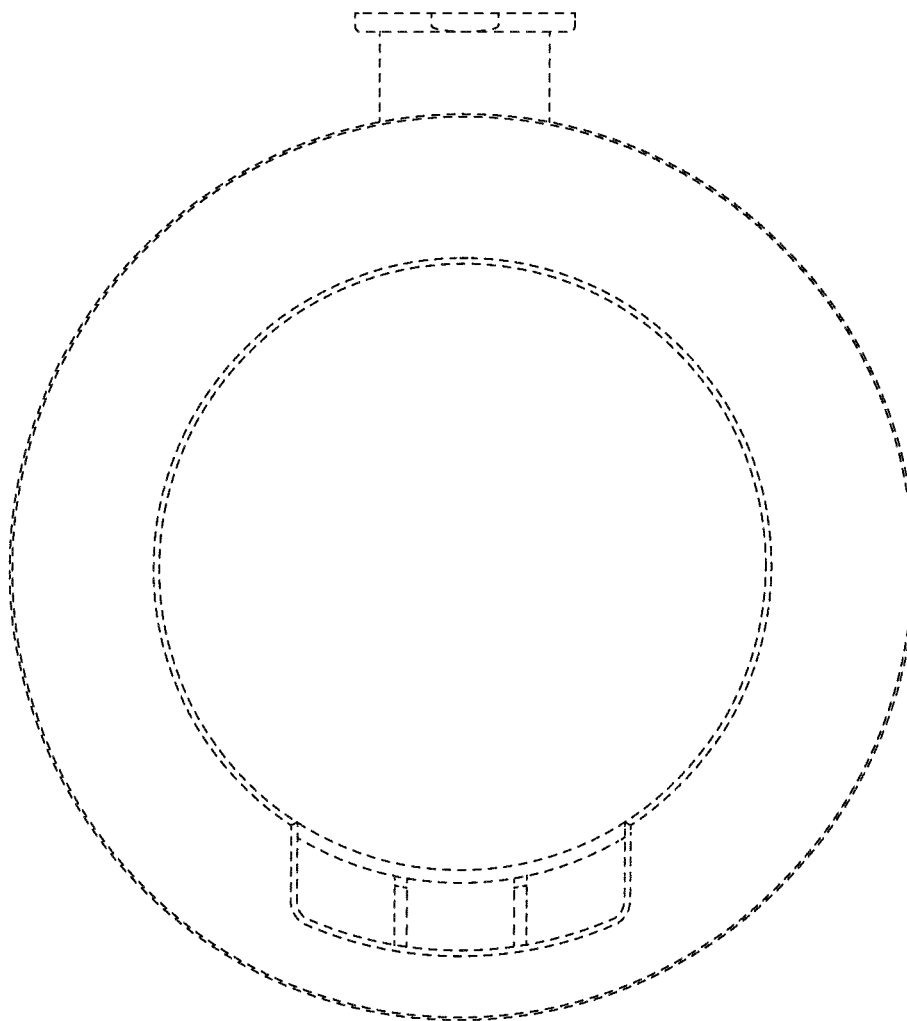


FIG. 7

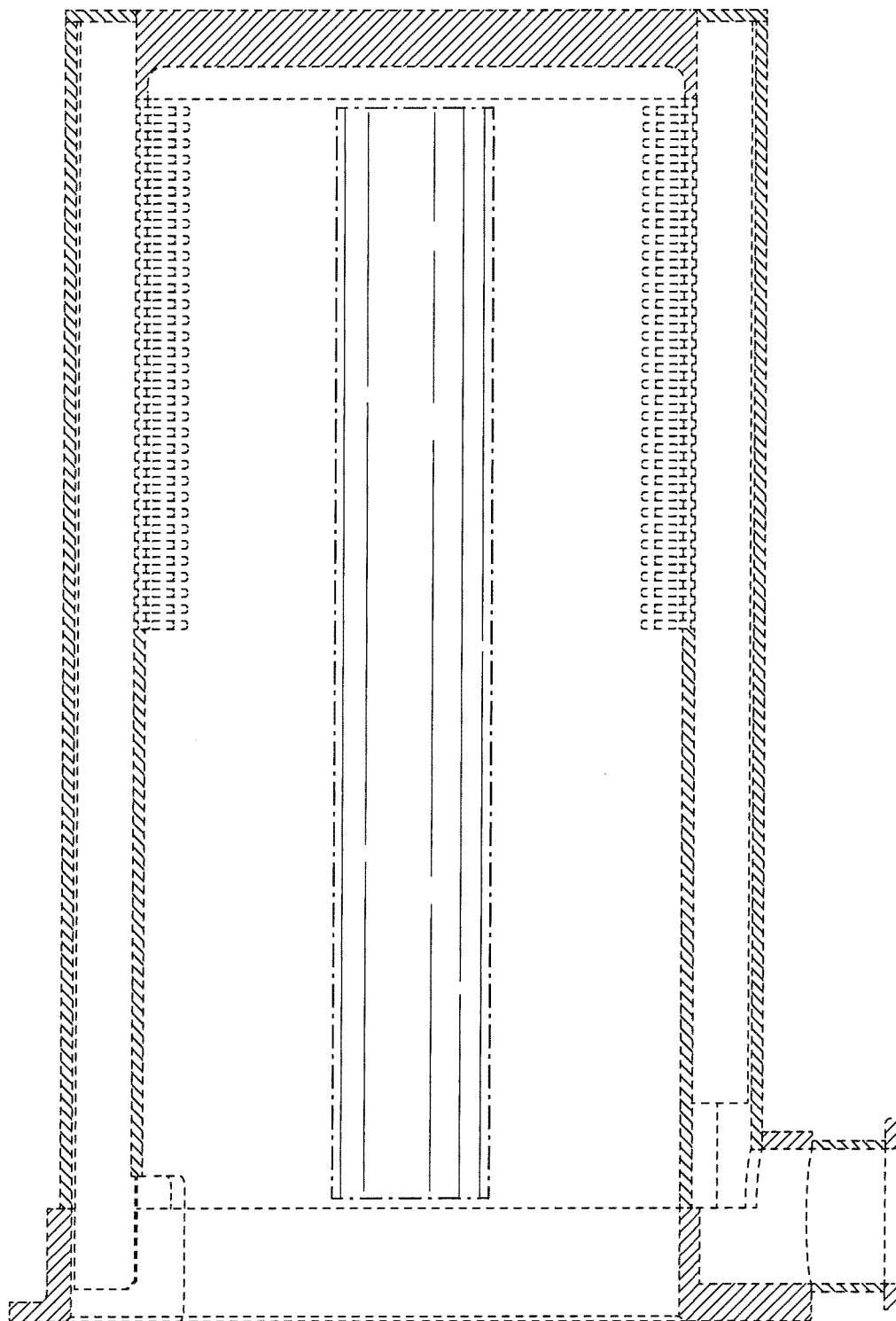


FIG. 8

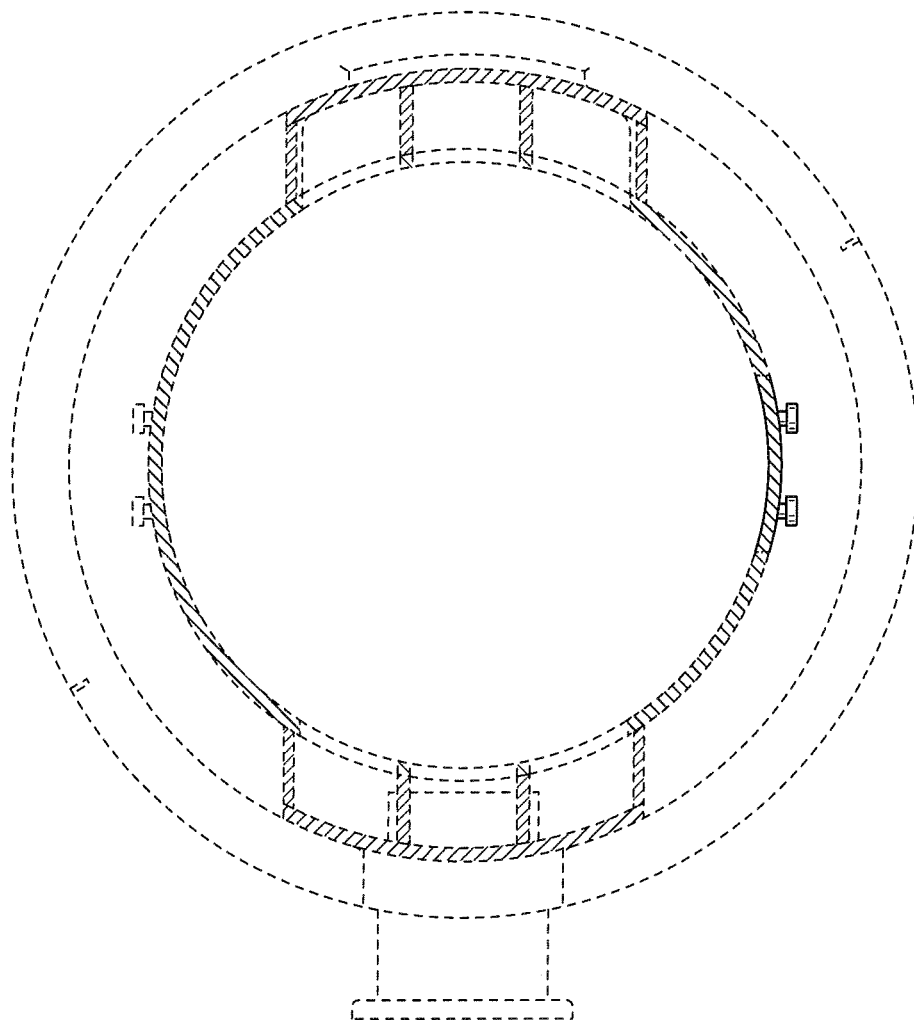


FIG. 9

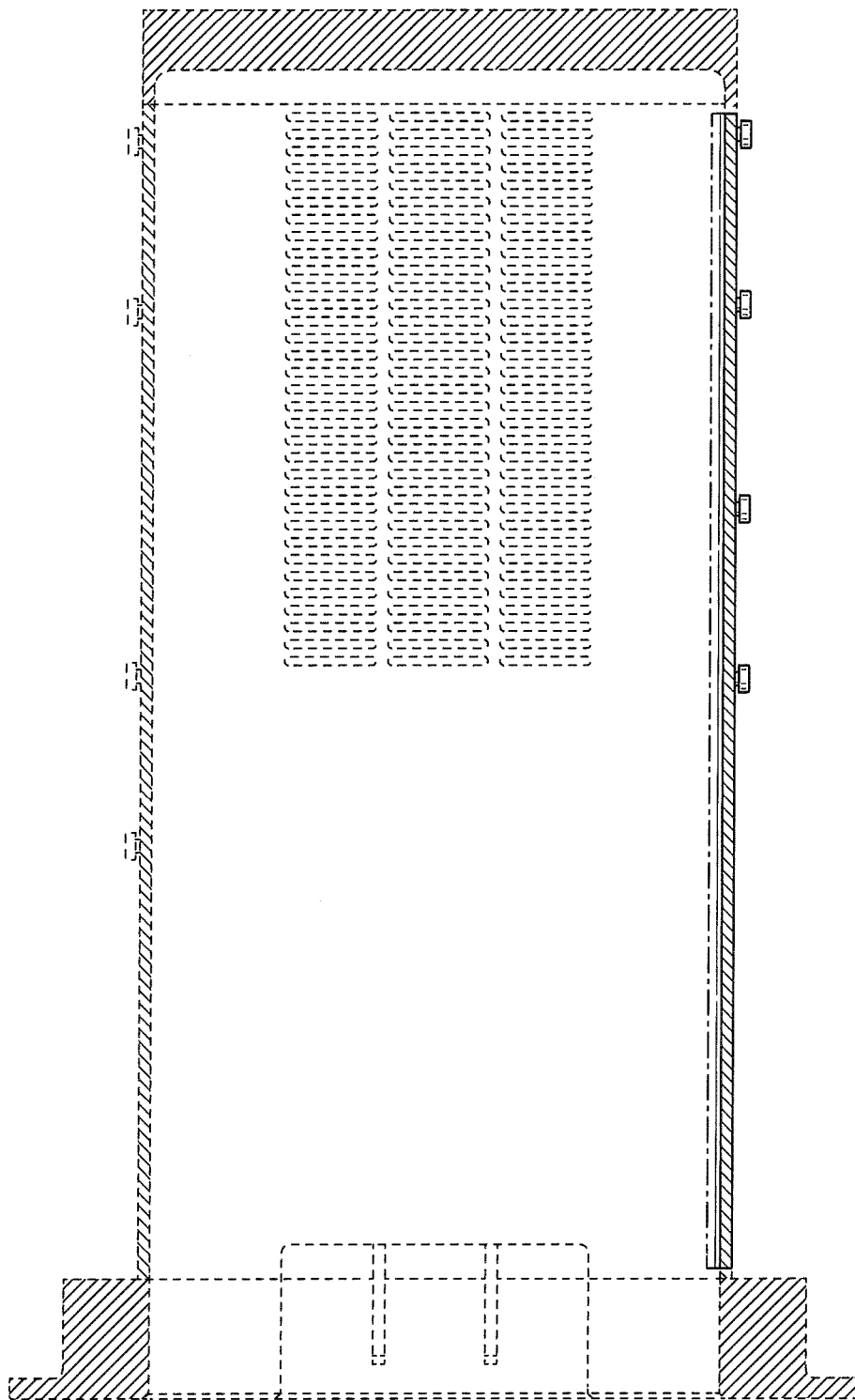


FIG. 10

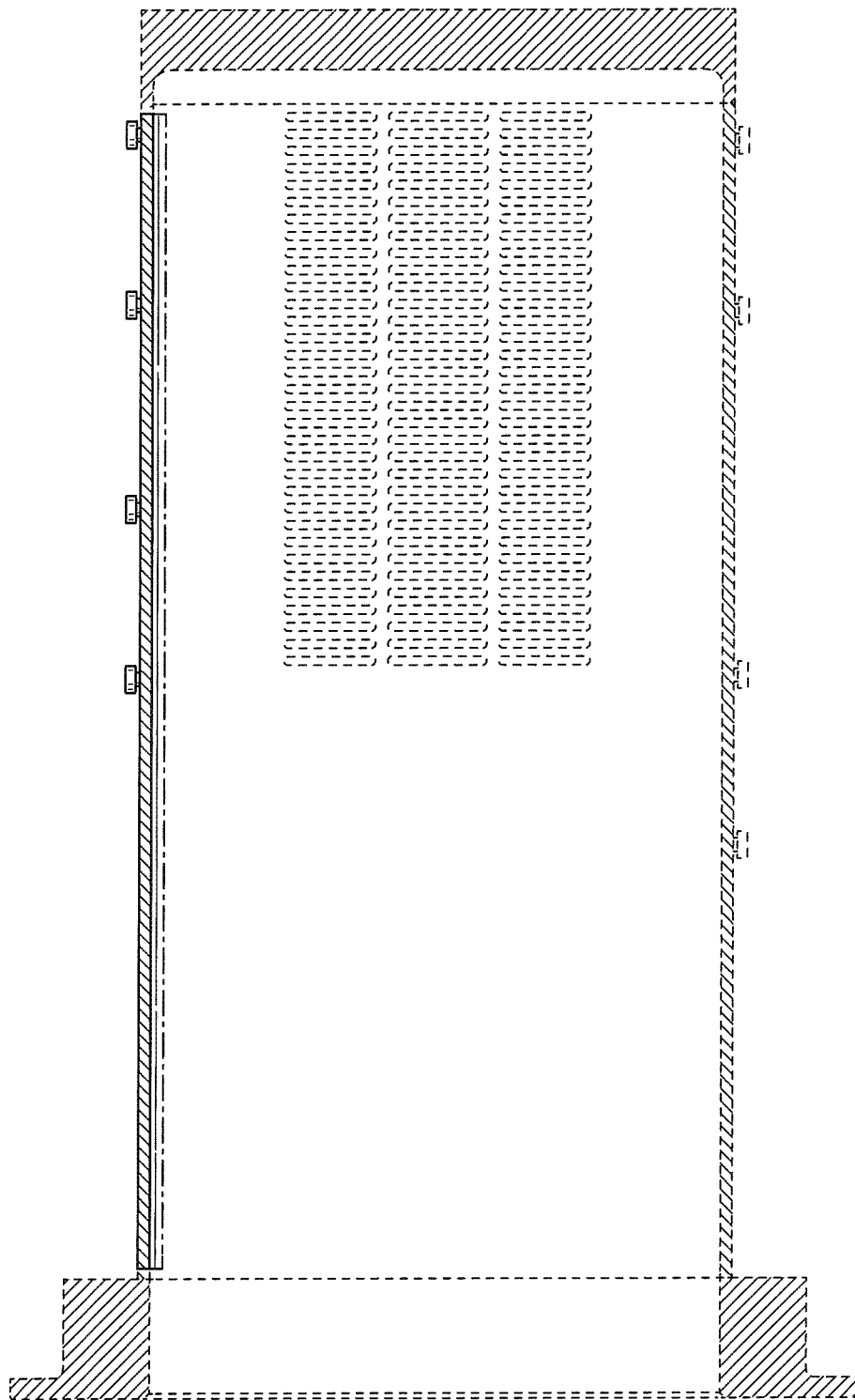


FIG. 11