

US00D860457S

(12) **United States Design Patent** (10) **Patent No.:** **US D860,457 S**
Hoshino (45) **Date of Patent:** **** Sep. 17, 2019**

(54) **X-RAY DETECTOR**

(71) Applicant: **SHIMADZU CORPORATION**, Kyoto
(JP)

(72) Inventor: **Shogo Hoshino**, Kyoto (JP)

(73) Assignee: **SHIMADZU CORPORATION**, Kyoto
(JP)

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

(21) Appl. No.: **29/623,795**

(22) Filed: **Oct. 27, 2017**

(30) **Foreign Application Priority Data**

Jun. 19, 2017 (JP) 2017-013097

(51) **LOC (12) Cl.** **24-01**

(52) **U.S. Cl.**
USPC **D24/158**

(58) **Field of Classification Search**

USPC D24/107, 158-161, 185, 186, 187, 231
CPC .. A61B 6/03; A61B 6/035; A61B 5/05; A61B
5/055

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D270,181 S * 8/1983 Haas D24/158
D443,061 S * 5/2001 Bergstrom D24/158
D469,181 S * 1/2003 Nilson D24/158

D566,278 S * 4/2008 Echizenya D24/158
D587,808 S * 3/2009 Sperry D24/158
D662,207 S * 6/2012 Groh D24/158
D702,350 S * 4/2014 Nasella D24/158
D705,933 S * 5/2014 Matuschek D24/158
D743,553 S * 11/2015 Curiel D24/158

FOREIGN PATENT DOCUMENTS

JP D2011-3427 * 8/2011

OTHER PUBLICATIONS

XDimensus 300. Shimadzu Corporation. Posted date unknown.*

* cited by examiner

Primary Examiner — Anhdao Doan

(74) *Attorney, Agent, or Firm* — JCIPRNET

(57) **CLAIM**

The ornamental design for an X-ray detector, as shown.

DESCRIPTION

FIG. 1 is a perspective view of an X-ray detector showing my new design;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a left side view thereof;

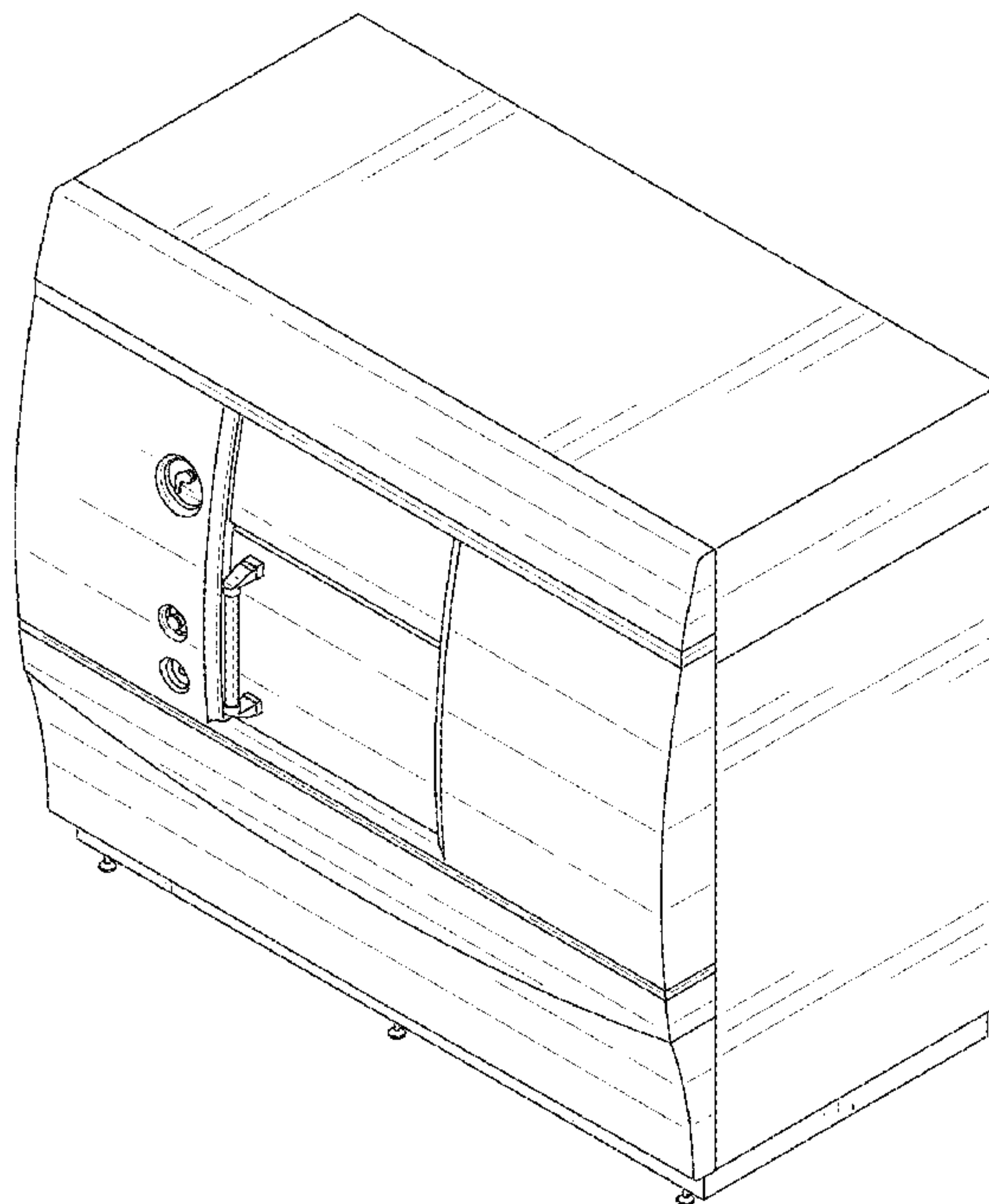
FIG. 5 is a right side view thereof;

FIG. 6 is a top view thereof;

FIG. 7 is a bottom view thereof; and,

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

1 Claim, 7 Drawing Sheets



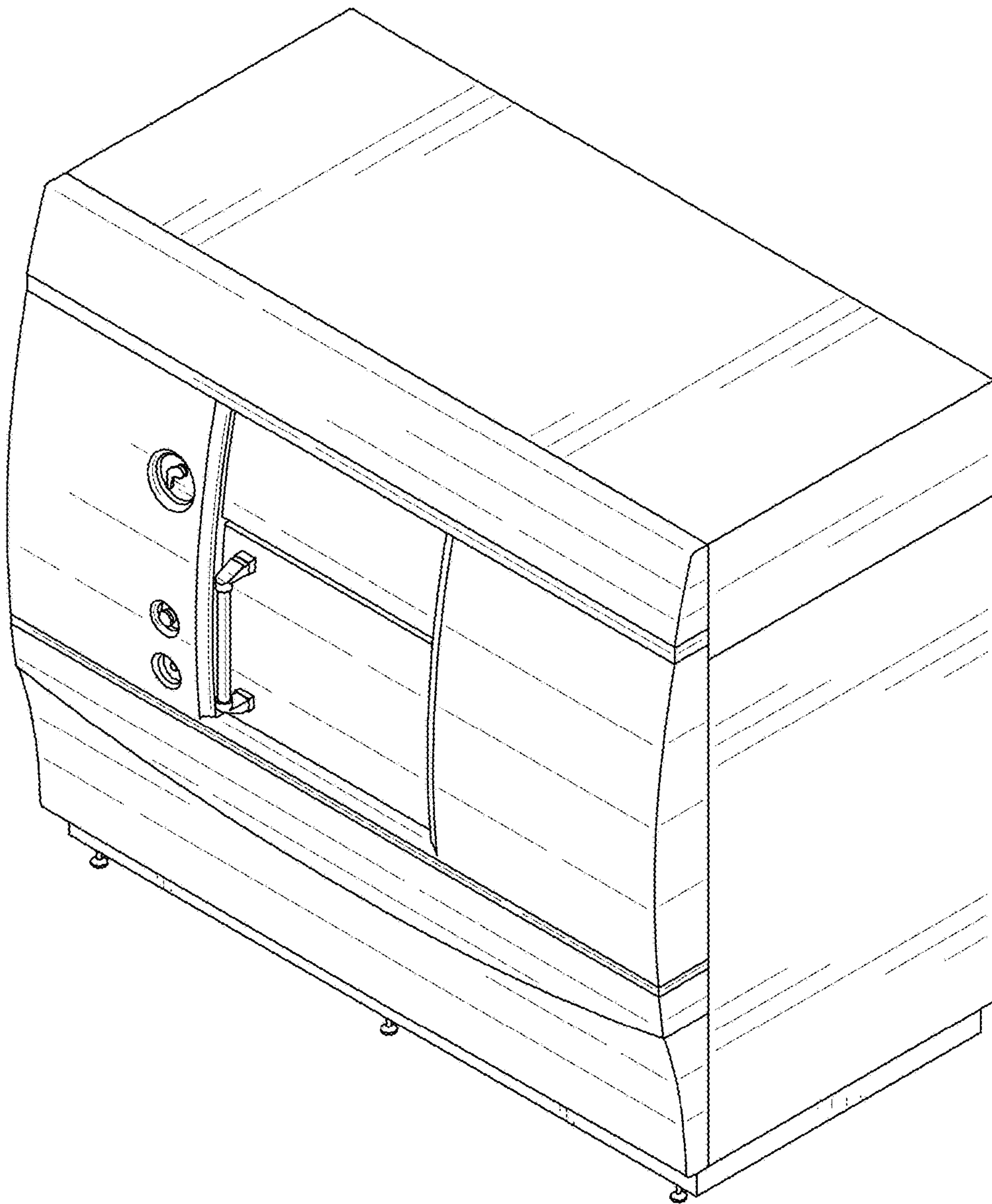


FIG. 1

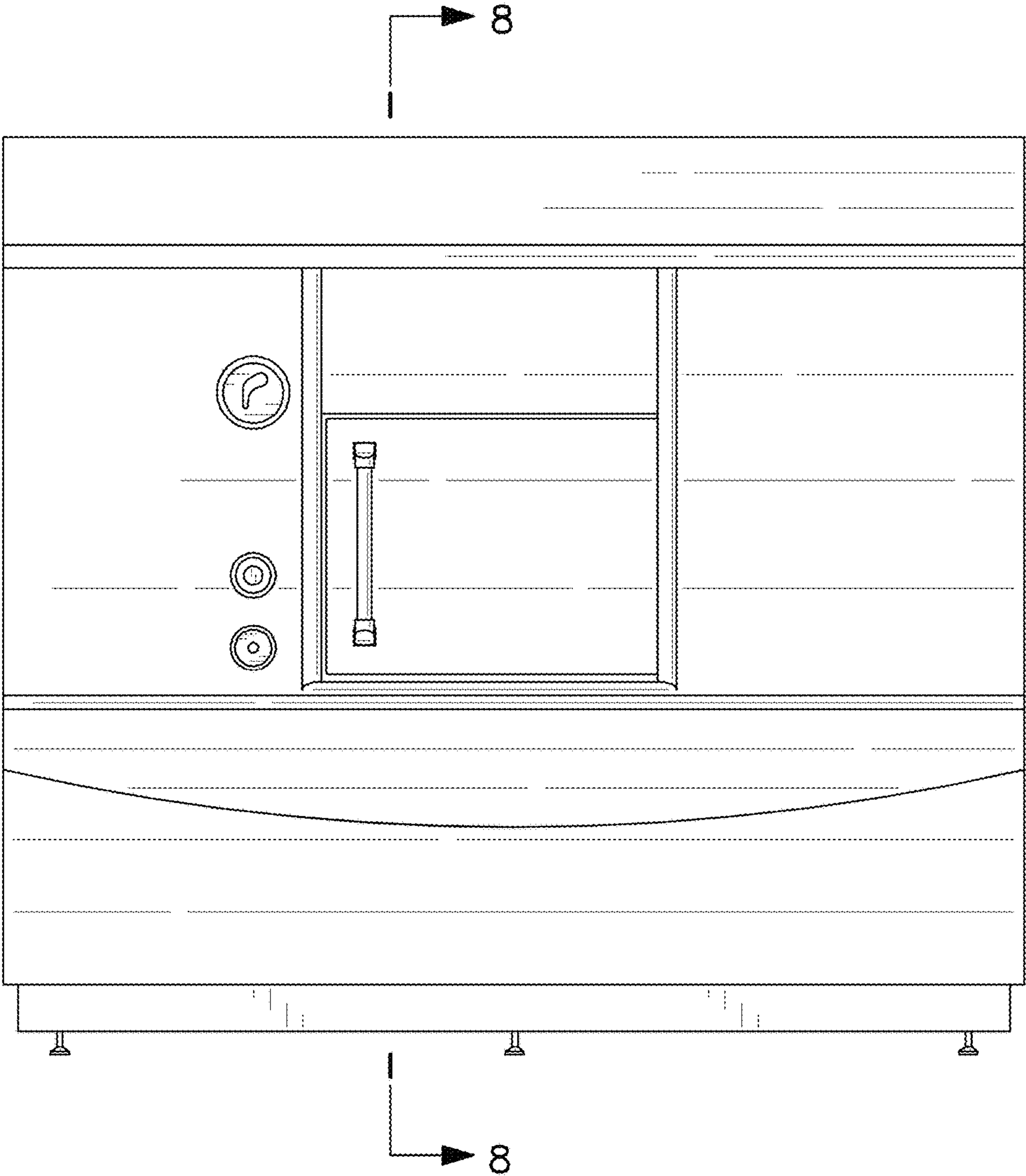


FIG. 2

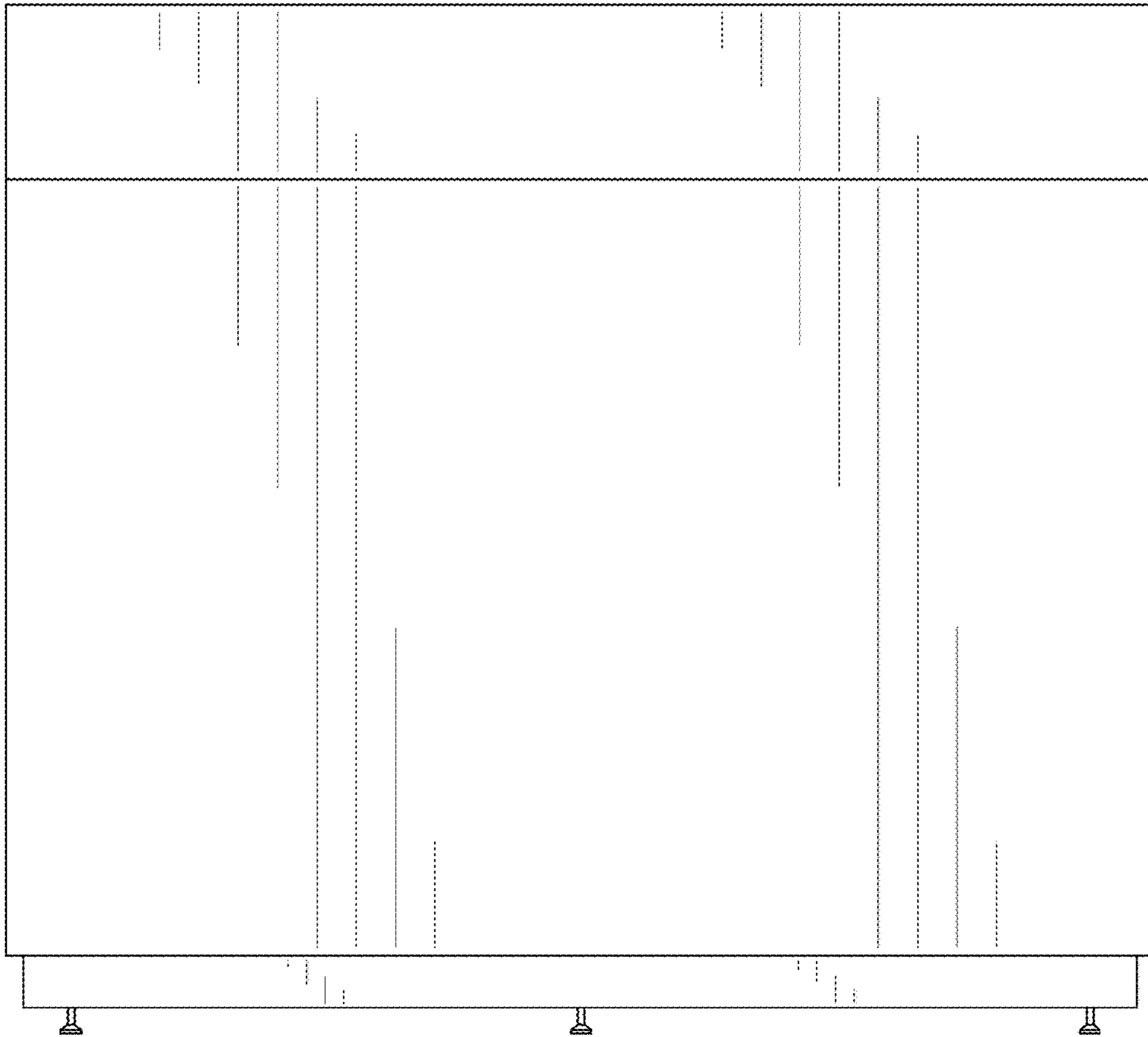


FIG. 3

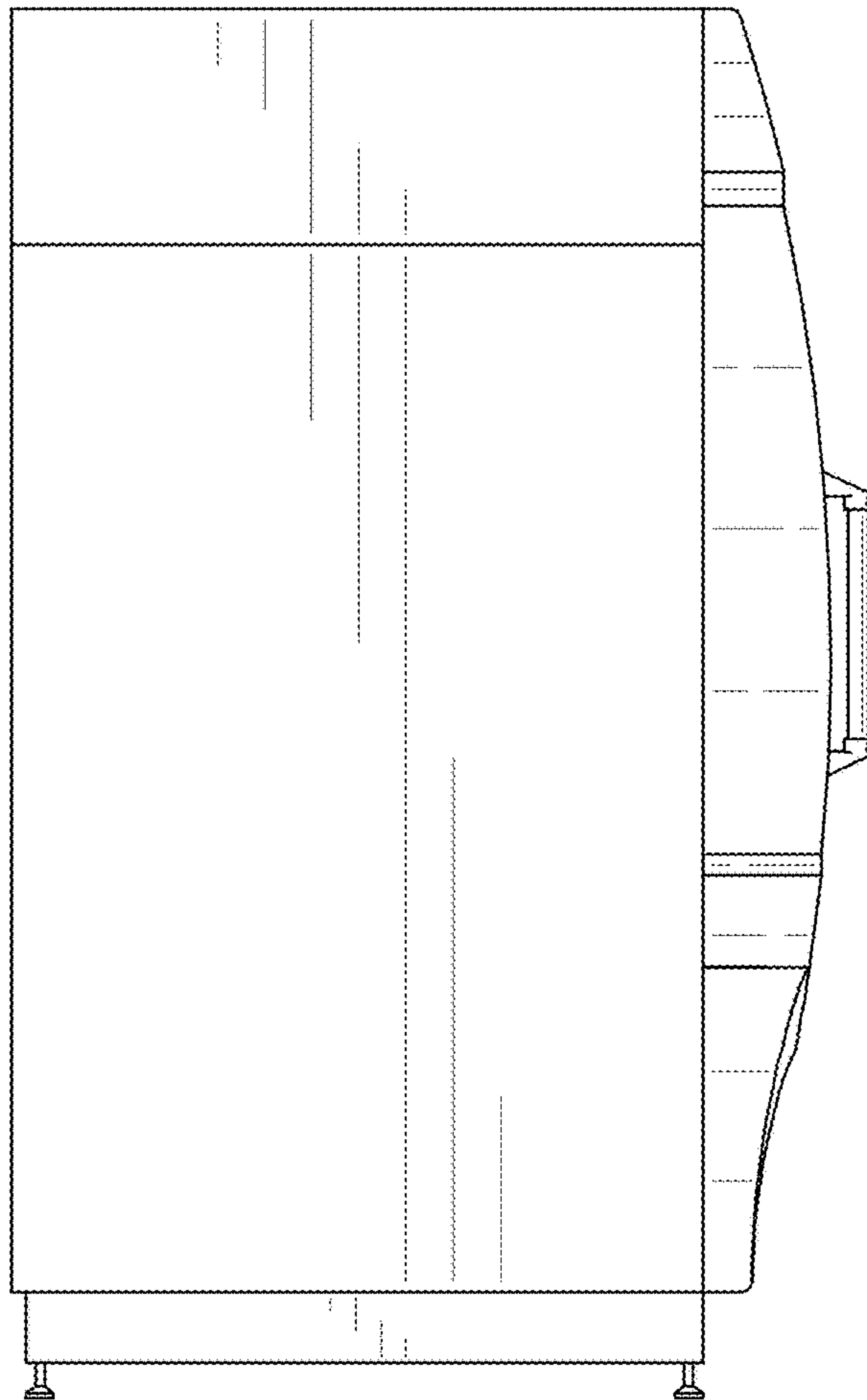


FIG. 4

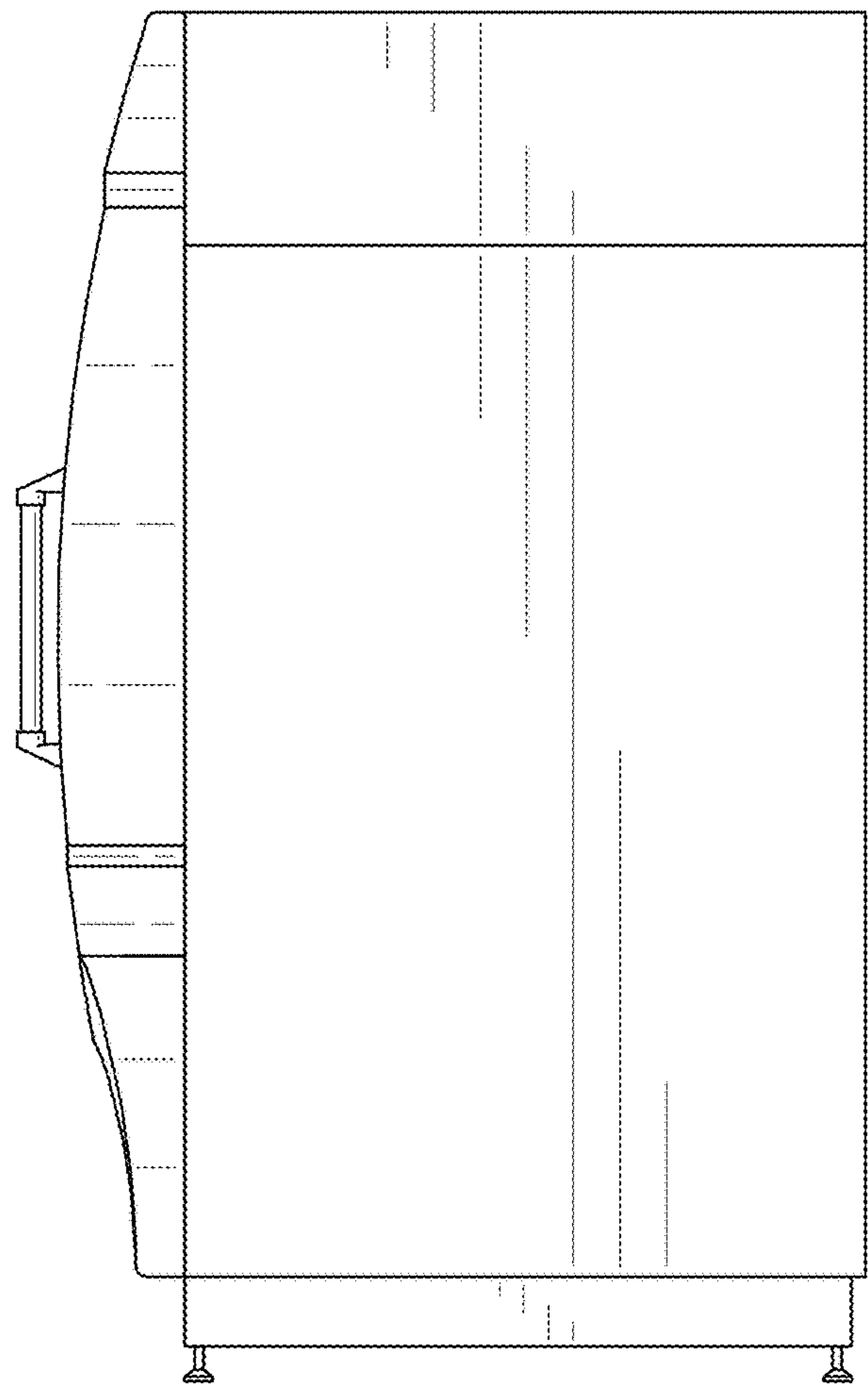


FIG. 5

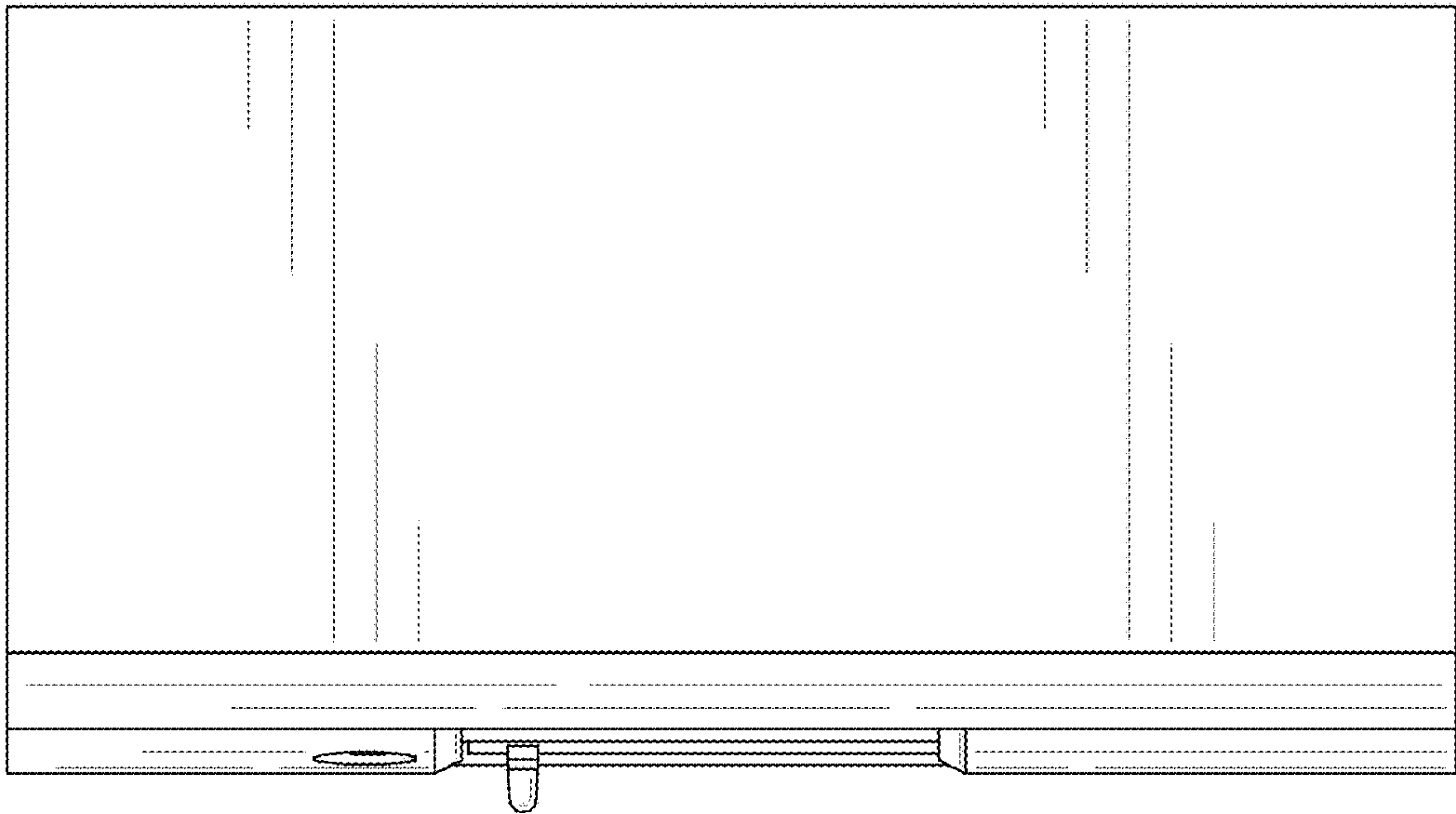


FIG. 6

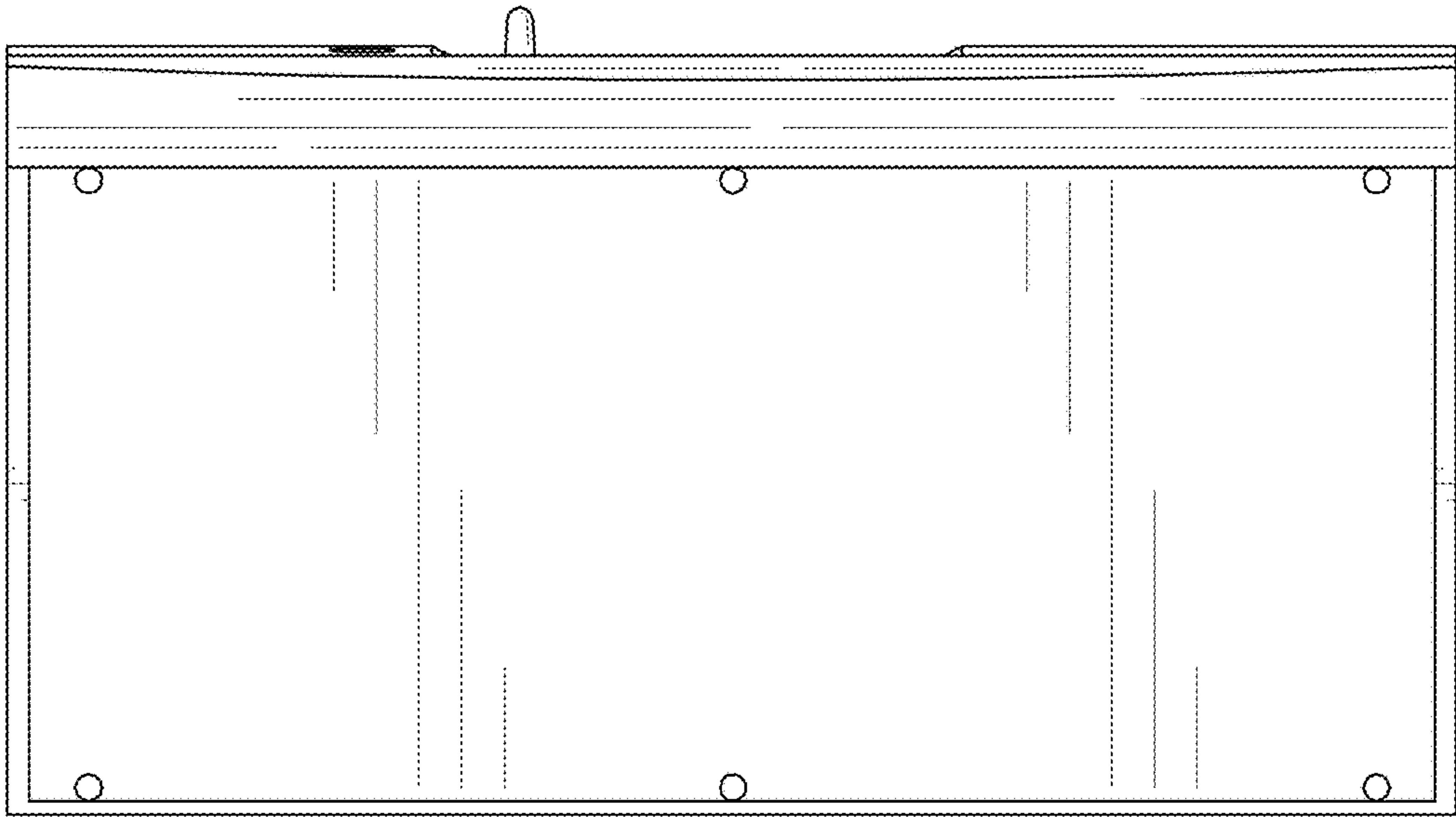


FIG. 7

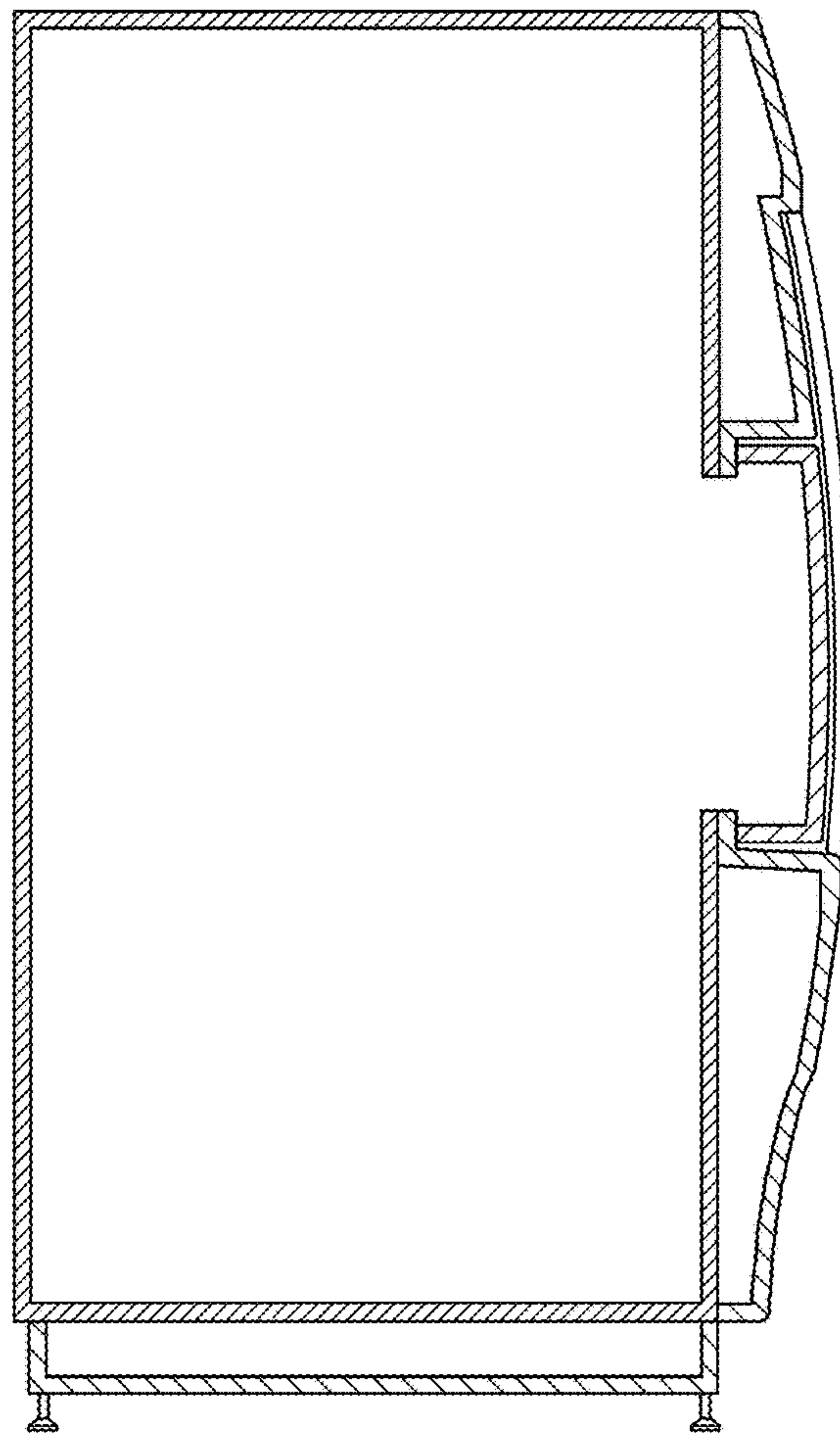


FIG. 8