



US00D832826S

(12) **United States Design Patent** (10) **Patent No.:** **US D832,826 S**
He et al. (45) **Date of Patent:** **** Nov. 6, 2018**

(54) **ANTENNA**

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(73) Assignee: **Airgain Incorporated**, San Diego, CA (US)

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

(21) Appl. No.: **29/568,471**

(22) Filed: **Jun. 17, 2016**

(51) **LOC (11) Cl.** **14-03**

(52) **U.S. Cl.**
USPC **D14/230**

(58) **Field of Classification Search**
USPC D14/138, 230, 231, 232, 234, 235, 236,
D14/237, 238, 238.1, 250, 299, 358;
D13/182

(Continued)

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(Continued)

Primary Examiner — Manpreet S Matharu

Assistant Examiner — Mojtaba Tehrani

(74) *Attorney, Agent, or Firm* — Clause Eight IPS;
Michael Catania

(57) **CLAIM**

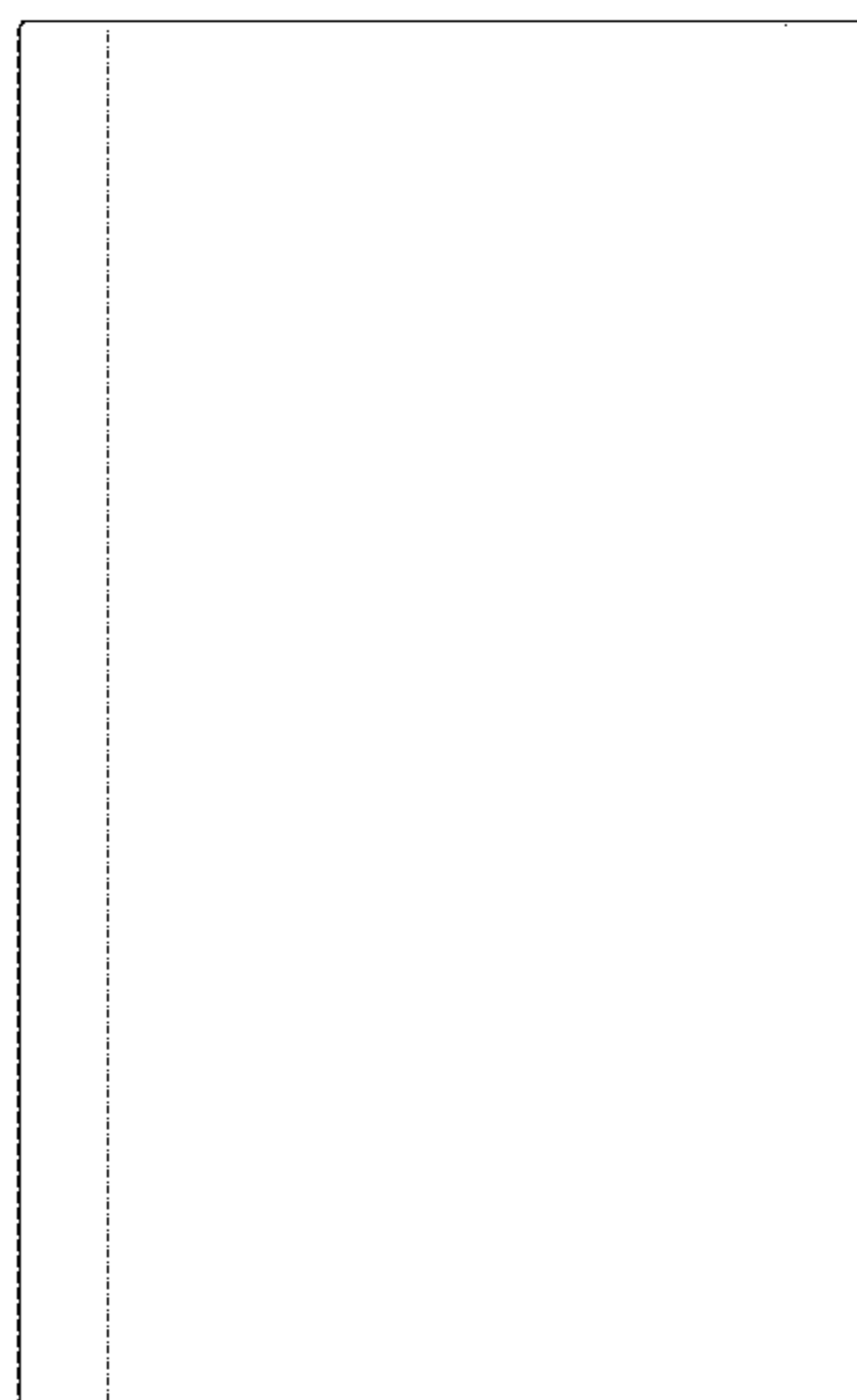
The ornamental design for an antenna, as shown and described.

DESCRIPTION

FIG. 1 is a front elevation view of the first embodiment of the antenna, showing our new design;

FIG. 1A is a cut-away front elevation view thereof;
FIG. 2 is a side elevation view thereof;
FIG. 2A is a cut-away side elevation view thereof;
FIG. 3 is a side elevation view thereof;
FIG. 3A is a cut-away side elevation view thereof;
FIG. 4 is bottom plan view thereof;
FIG. 5 is a top plan view thereof;
FIG. 6 is a top perspective view thereof;
FIG. 6A is a cut-away top perspective view thereof;
FIG. 7 is a front elevation view of the second embodiment of the antenna, showing our new design;
FIG. 7A is a cut-away front elevation view thereof;
FIG. 8 is a side elevation view thereof;
FIG. 8A is a cut-away side elevation view thereof;
FIG. 9 is a side elevation view thereof;
FIG. 9A is a cut-away side elevation view thereof;
FIG. 10 is top plan view thereof;
FIG. 11 is a bottom plan view thereof;
FIG. 12 is a top perspective view thereof;
FIG. 12A is a cut-away top perspective view thereof;
FIG. 13 is a front elevation view of the third embodiment of the antenna, showing our new design;
FIG. 13A is a cut-away front elevation view thereof;
FIG. 14 is a side elevation view thereof;
FIG. 14A is a cut-away side elevation view thereof;
FIG. 15 is a side elevation view thereof;
FIG. 15A is a cut-away side elevation view thereof;
FIG. 16 is bottom plan view thereof;
FIG. 17 is a top plan view thereof;
FIG. 18 is a top perspective view thereof;
FIG. 18A is a cut-away top perspective view thereof;
FIG. 19 is a front elevation view of the fourth embodiment of the antenna, showing our new design;
FIG. 19A is a cut-away front elevation view thereof;
FIG. 20 is a side elevation view thereof;
FIG. 20A is a cut-away side elevation view thereof;
FIG. 21 is a side elevation view thereof;
FIG. 21A is a cut-away side elevation view thereof;
FIG. 22 is bottom plan view thereof;
FIG. 23 is a top plan view thereof;
FIG. 24 is a top perspective view thereof; and,
FIG. 24A is a cut-away top perspective view thereof.

(Continued)



The broken lines illustrated in the figures indicate cutaway views, and form no part of the claimed design.

1 Claim, 28 Drawing Sheets

(58) Field of Classification Search

CPC G01R 29/10; G01S 2013/0245; G01S 2013/0254; G01S 2013/0263; G01S 7/4026; G05B 2219/45001; G06K 19/07773; G06K 19/07775; G06K 19/07777; G08B 13/2468; G08B 13/2477; H01Q 1/088

See application file for complete search history.

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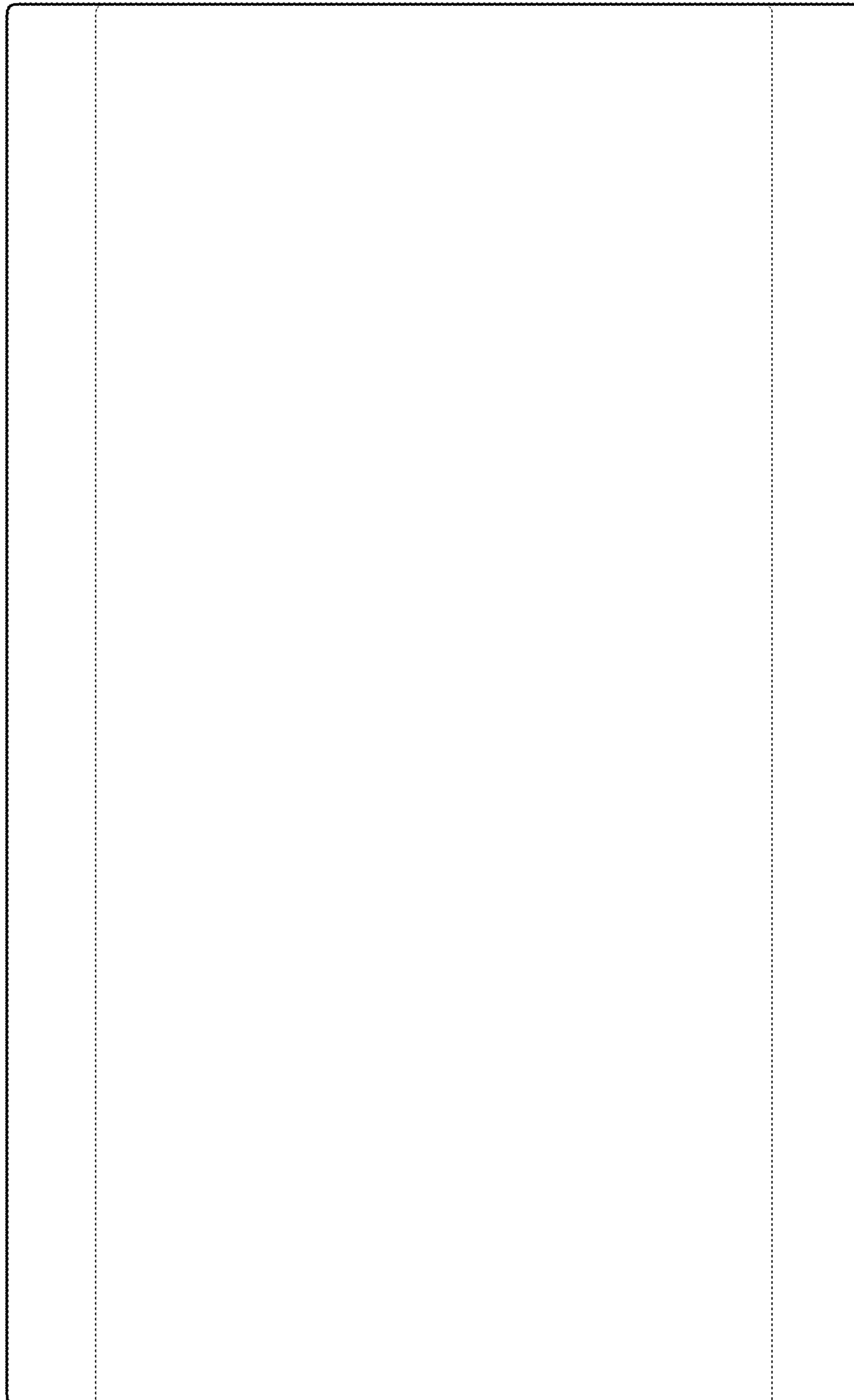


FIG. 1

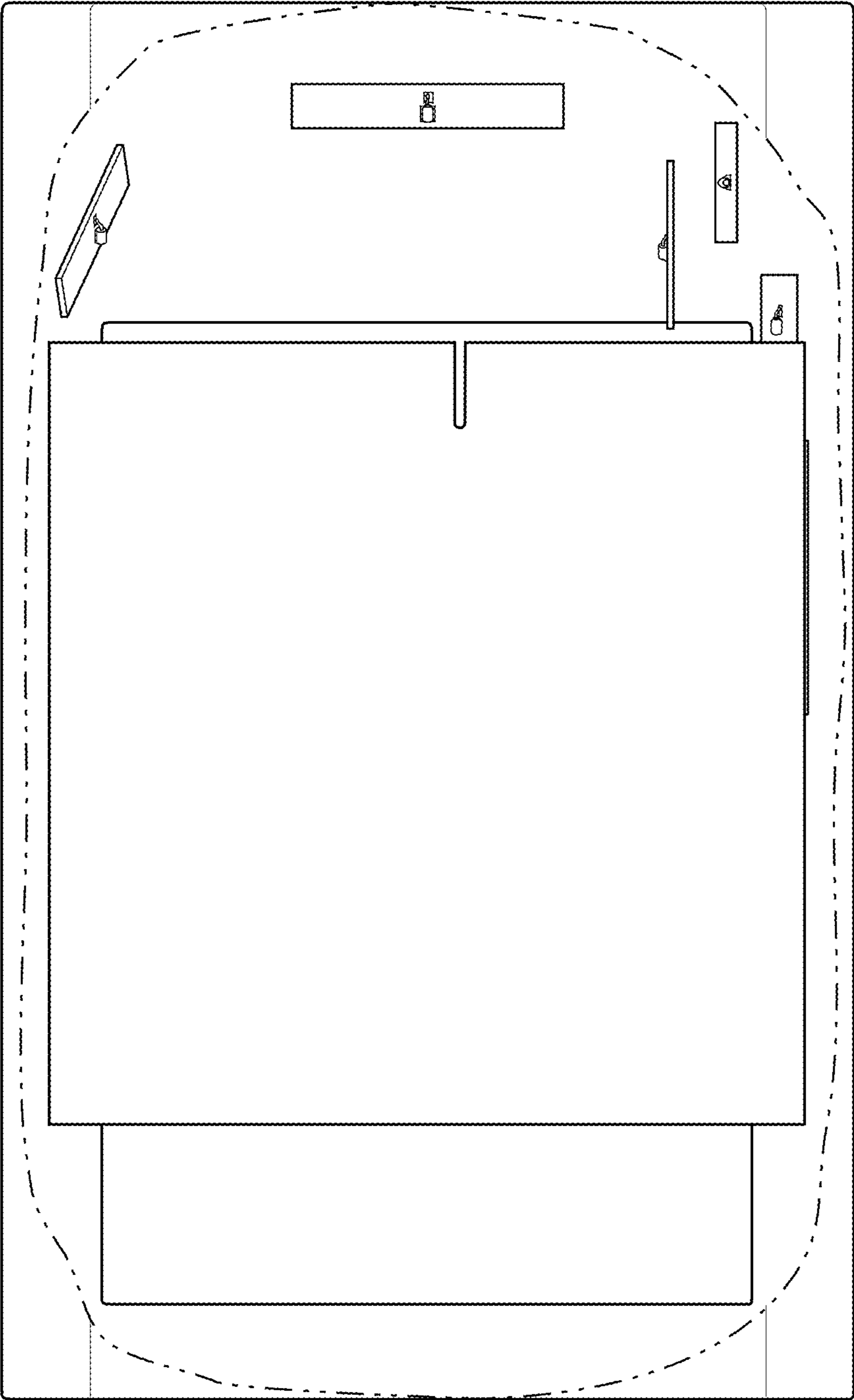


FIG. 1A

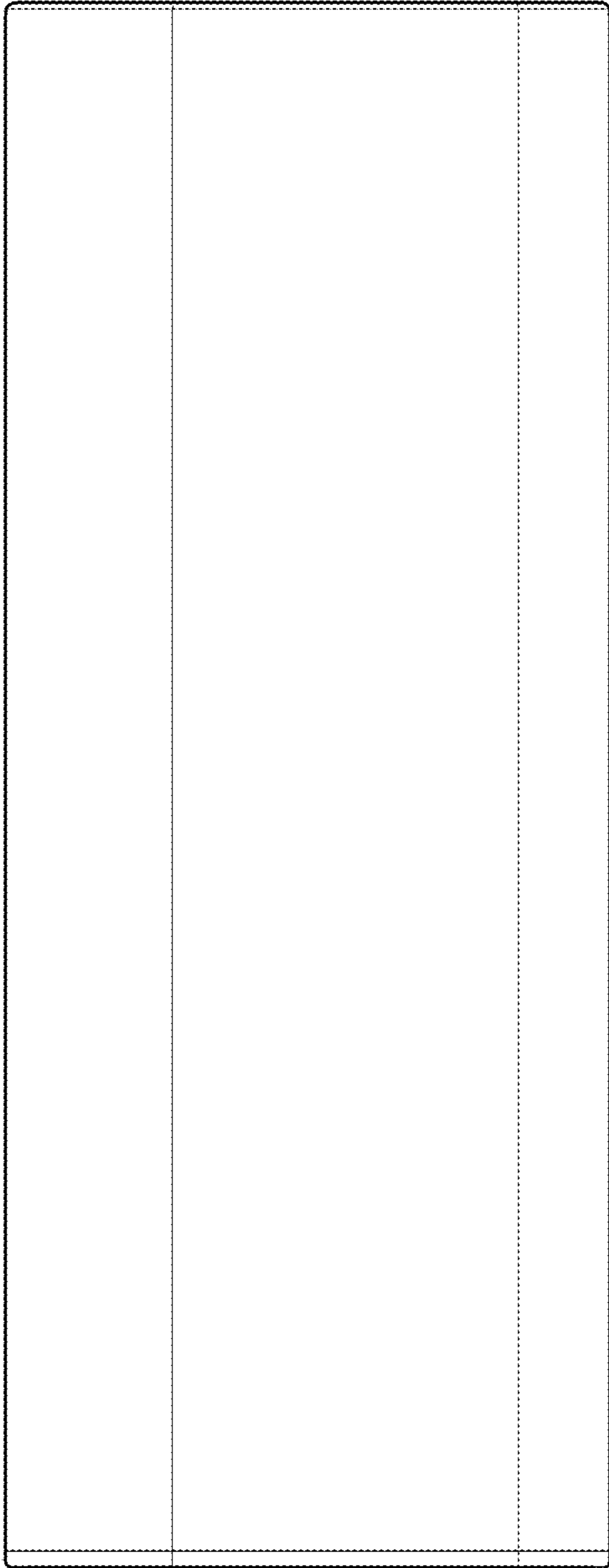


FIG. 2

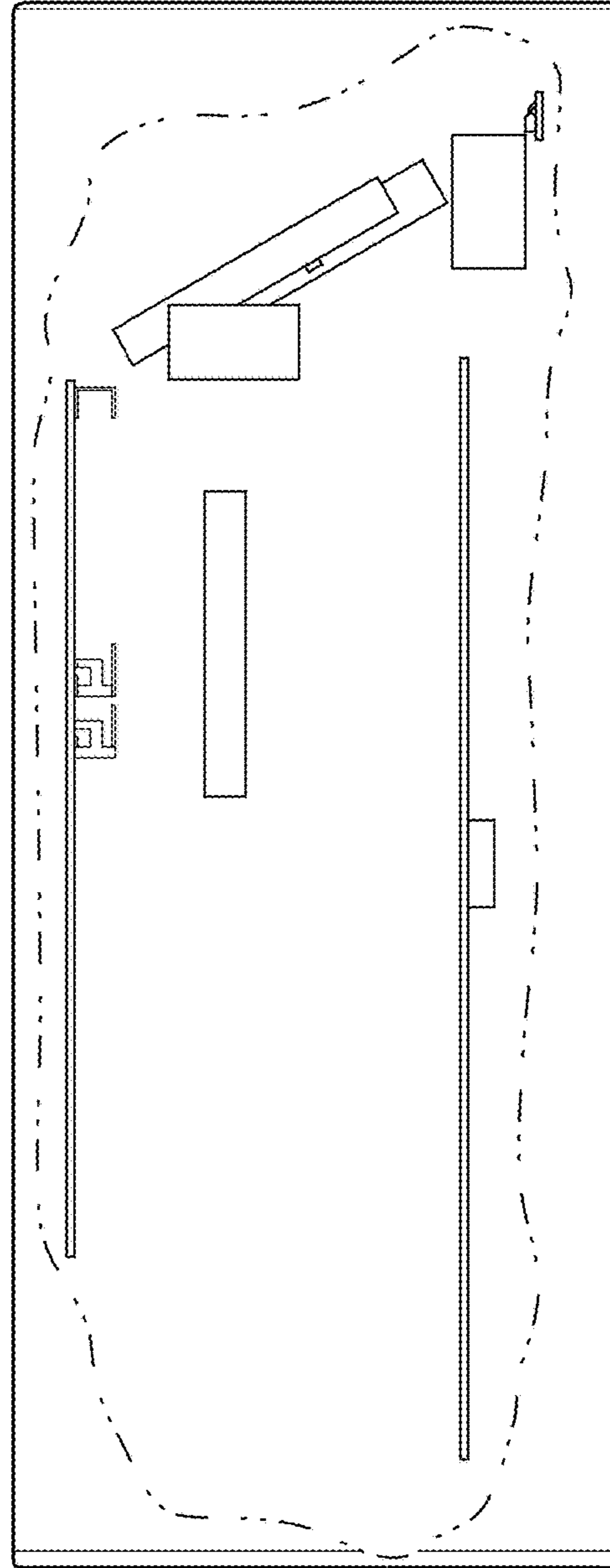


FIG. 2A

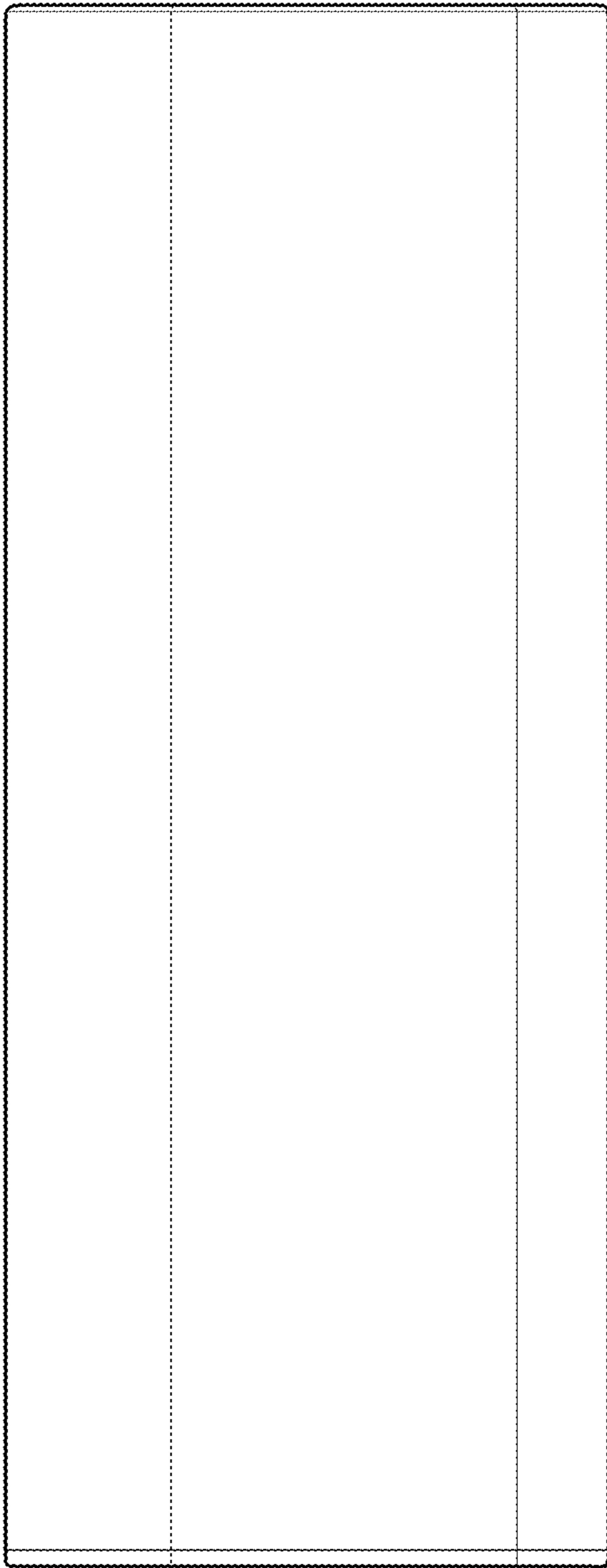


FIG. 3

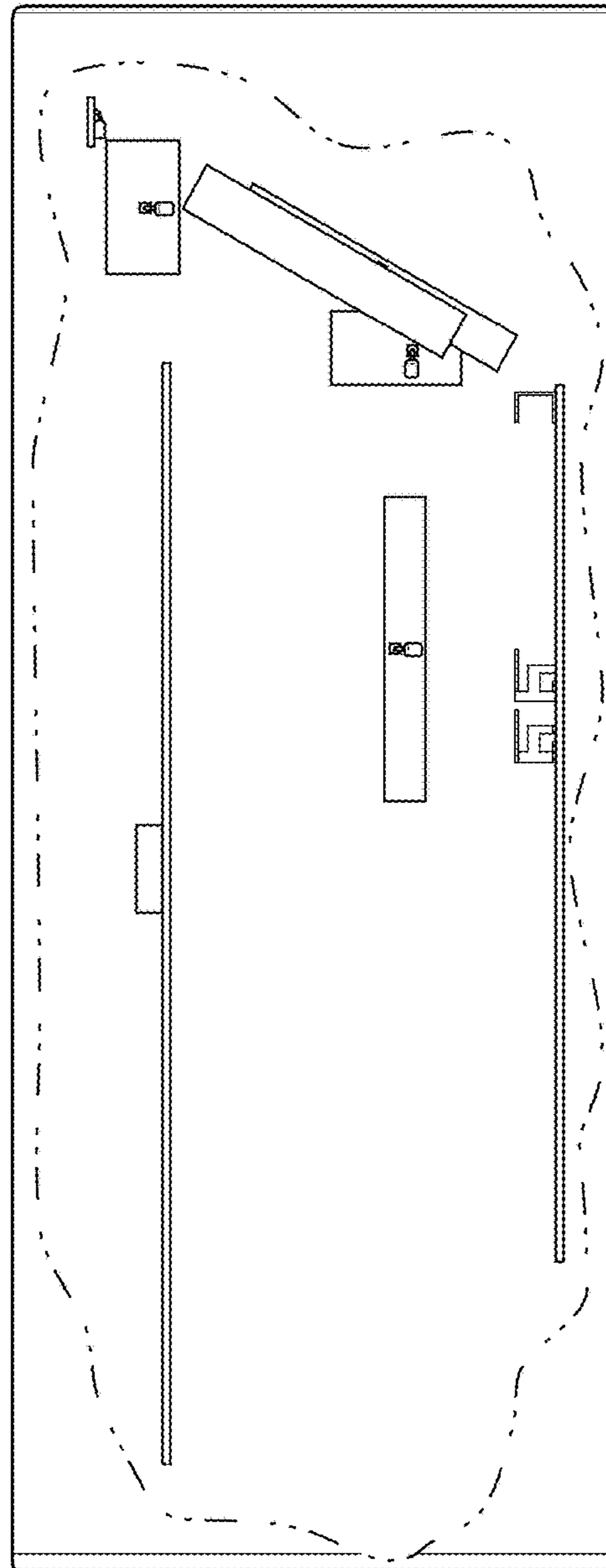


FIG. 3A

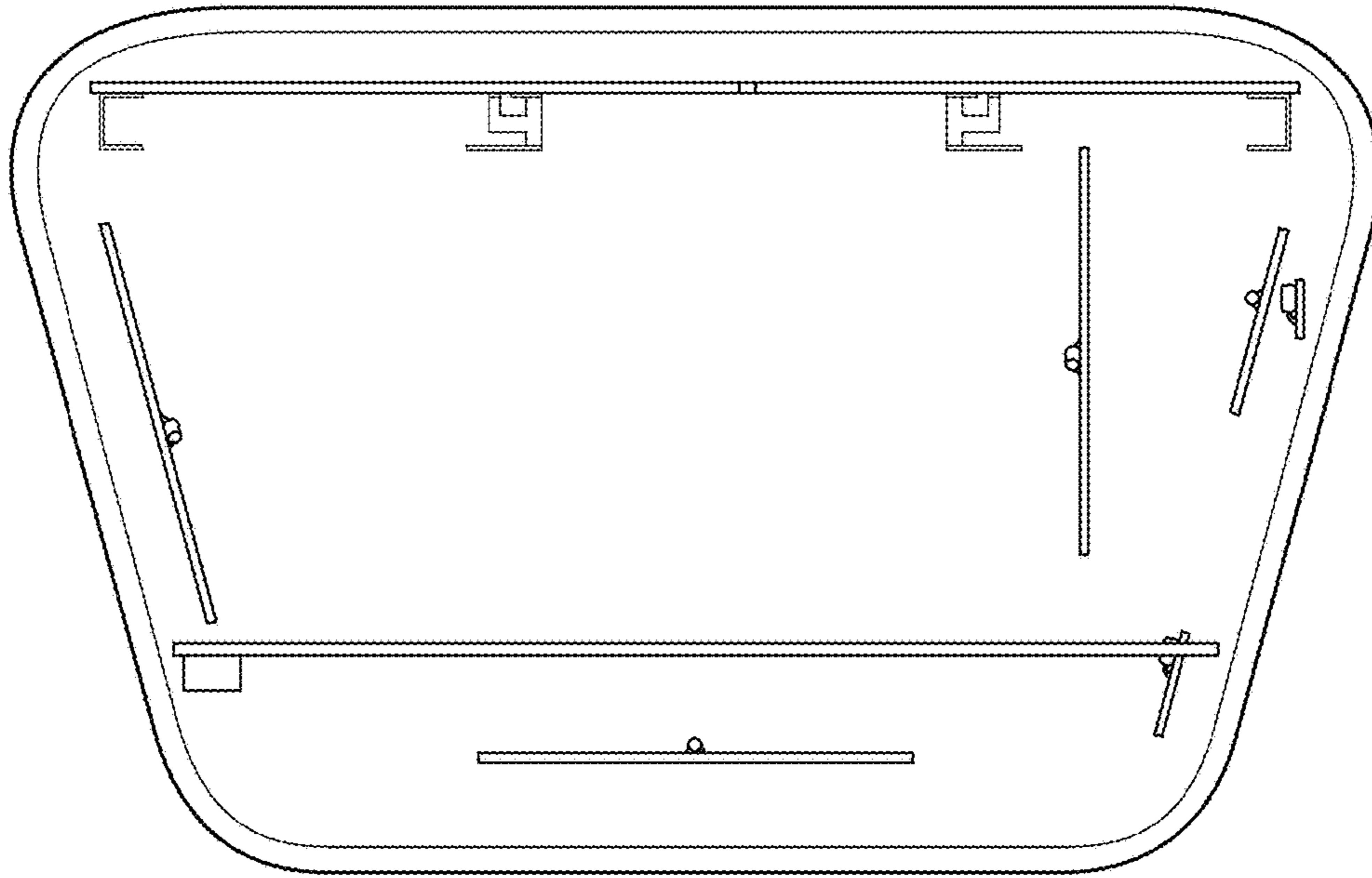


FIG. 4

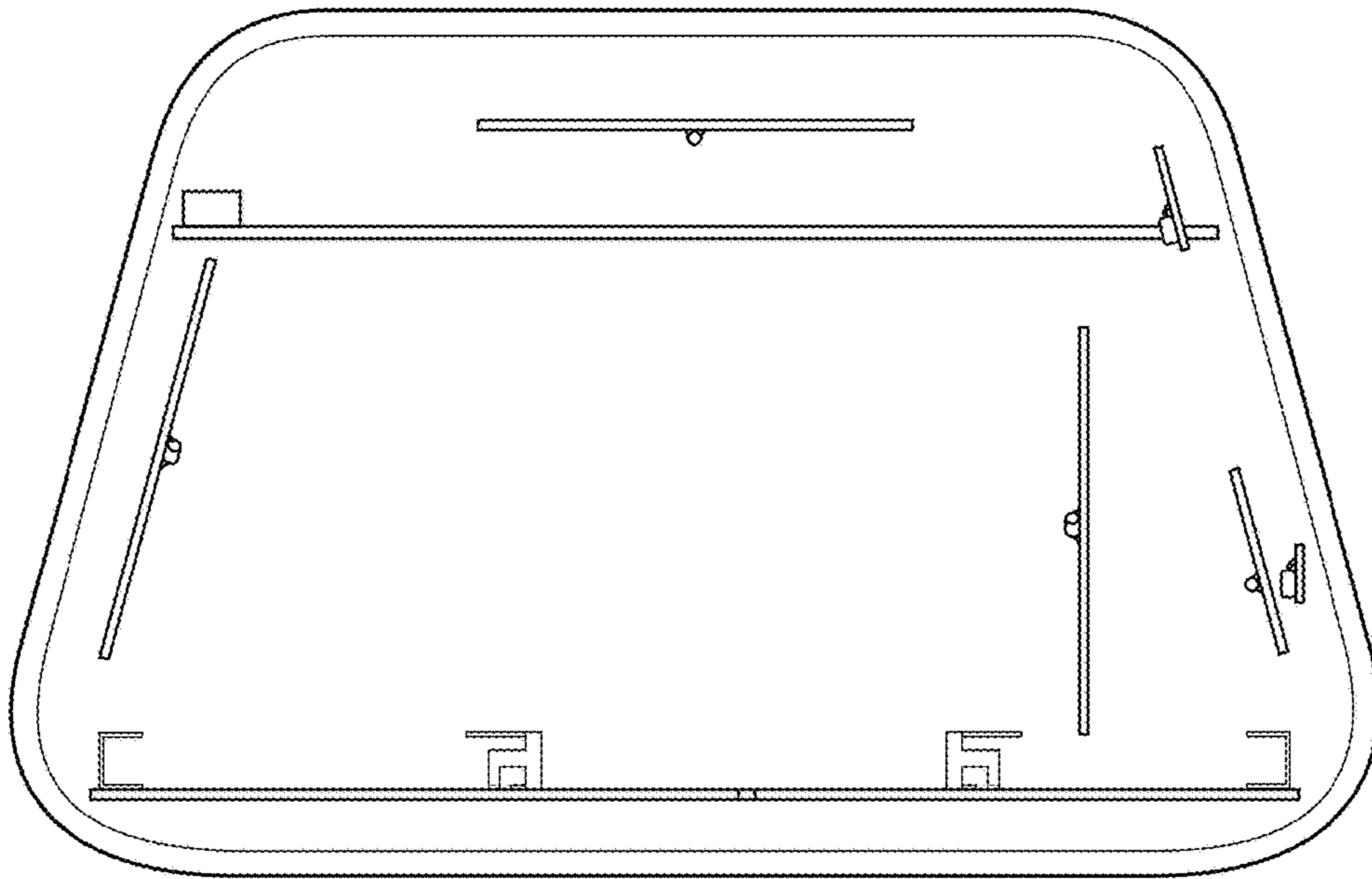


FIG. 5

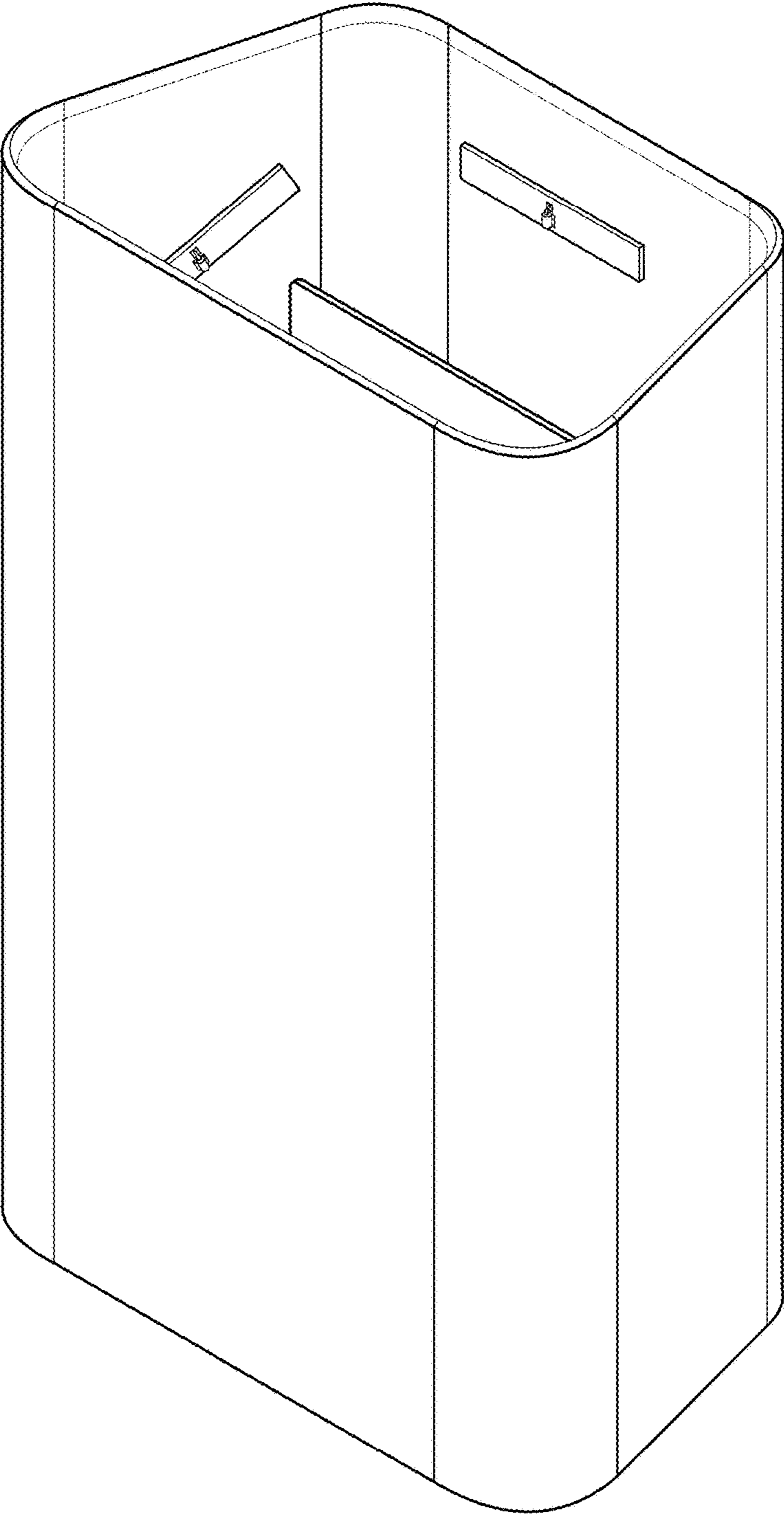


FIG. 6

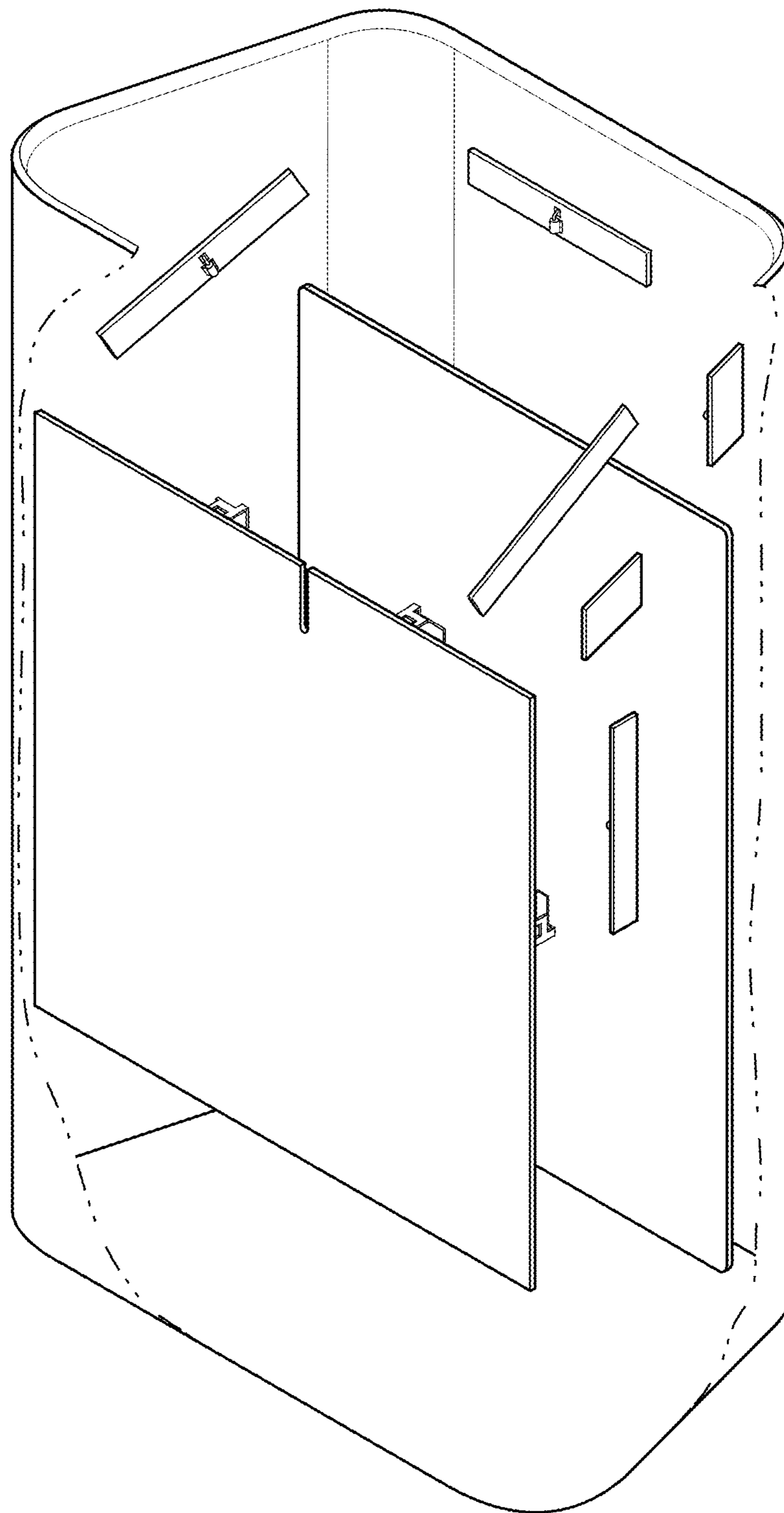


FIG. 6A

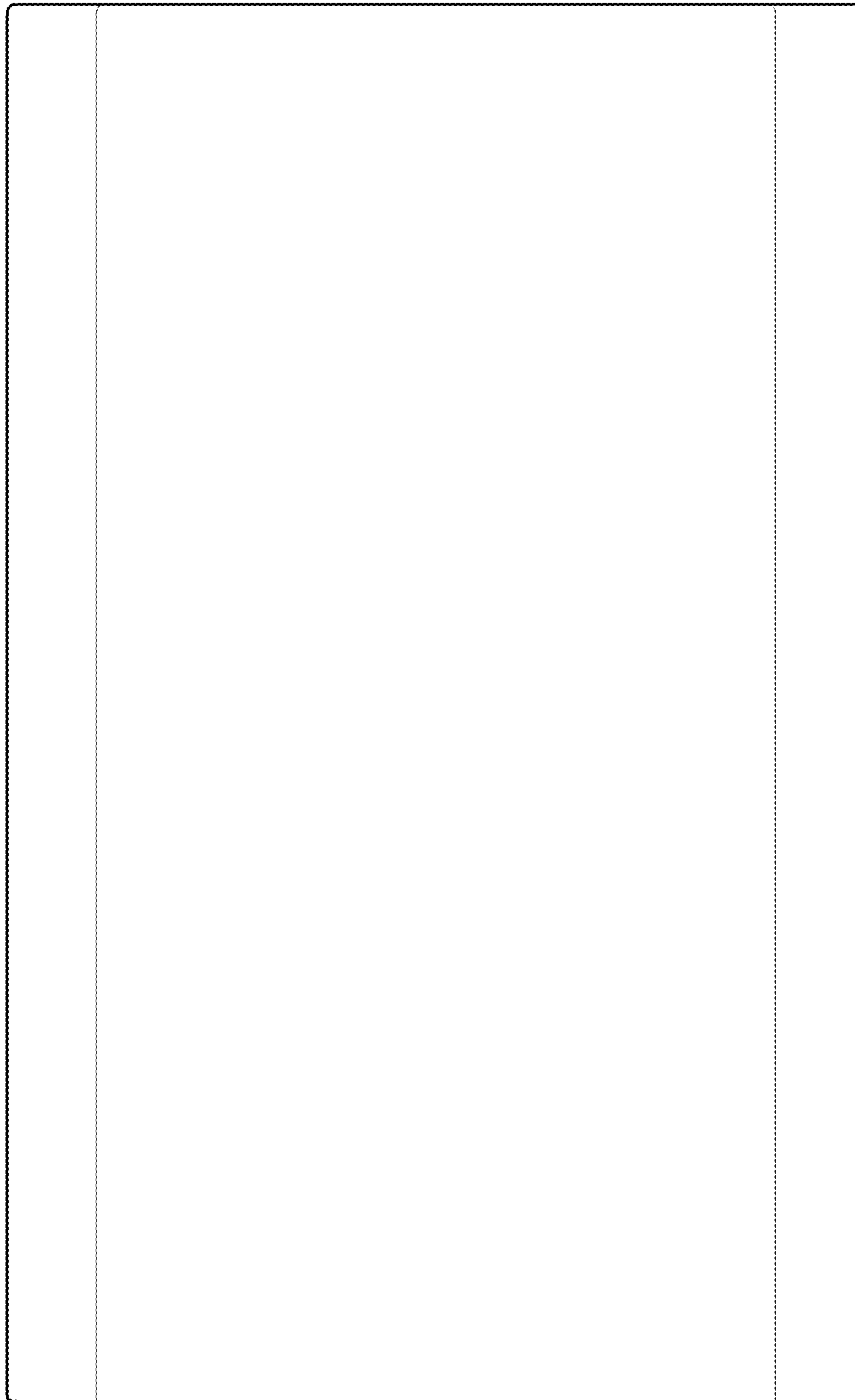


FIG. 7

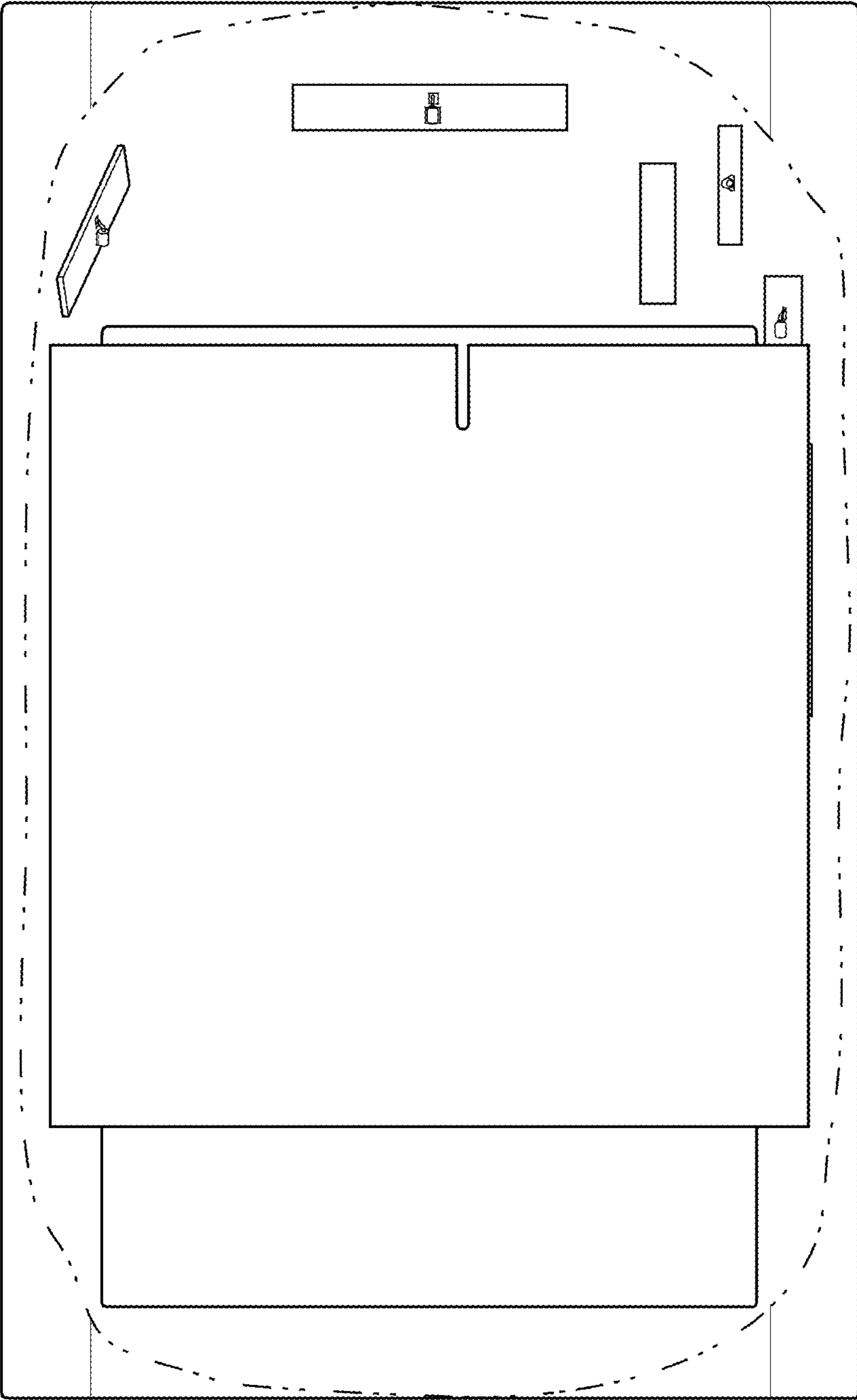


FIG. 7A

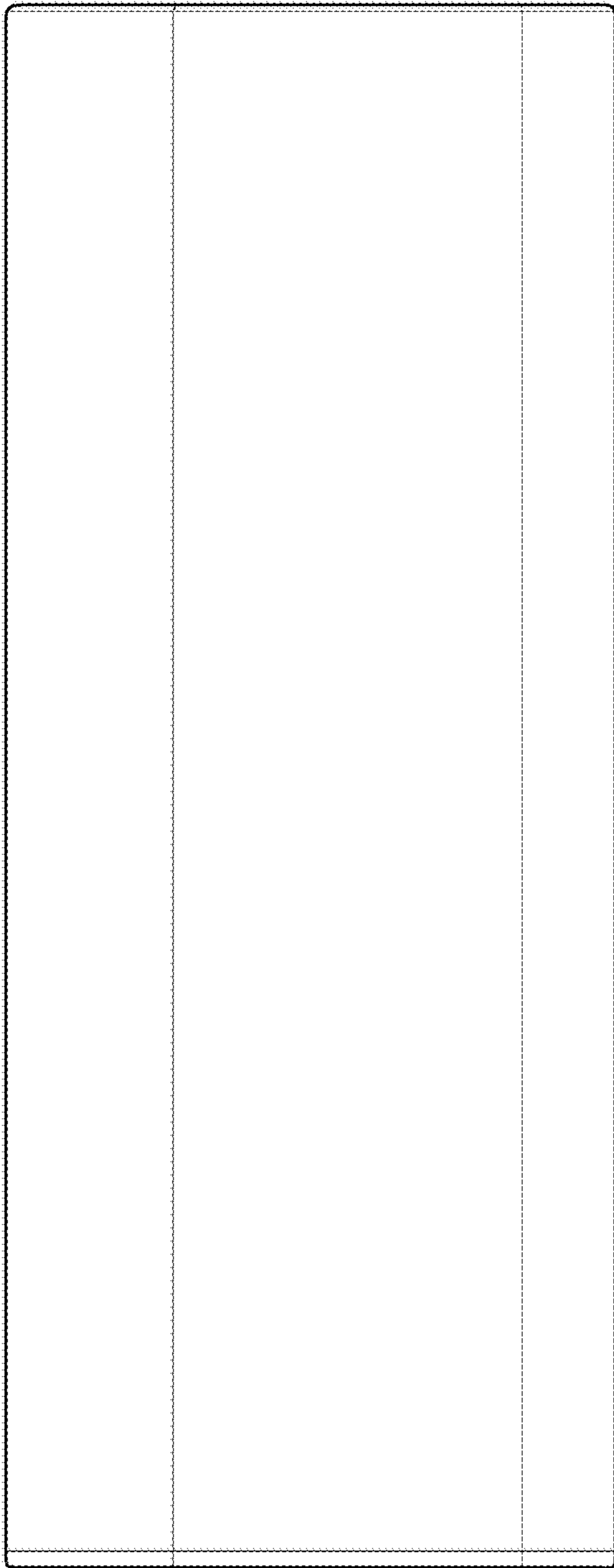


FIG. 8

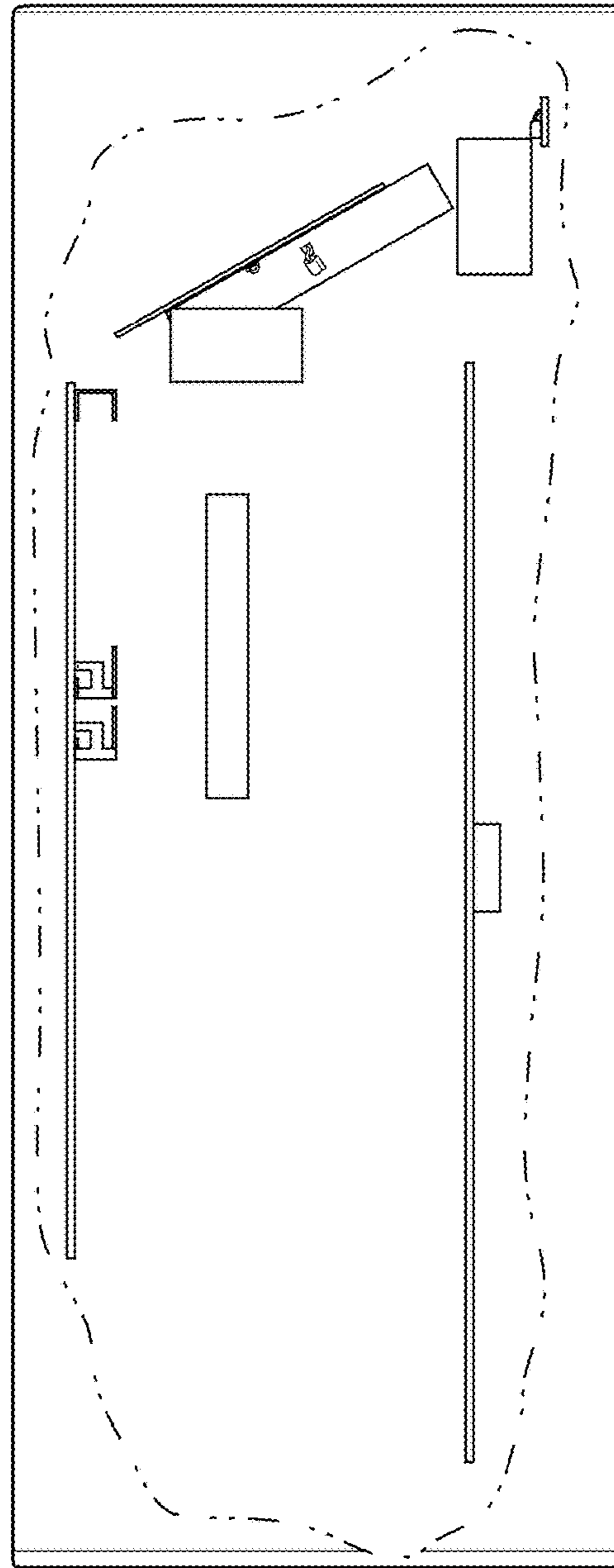


FIG. 8A

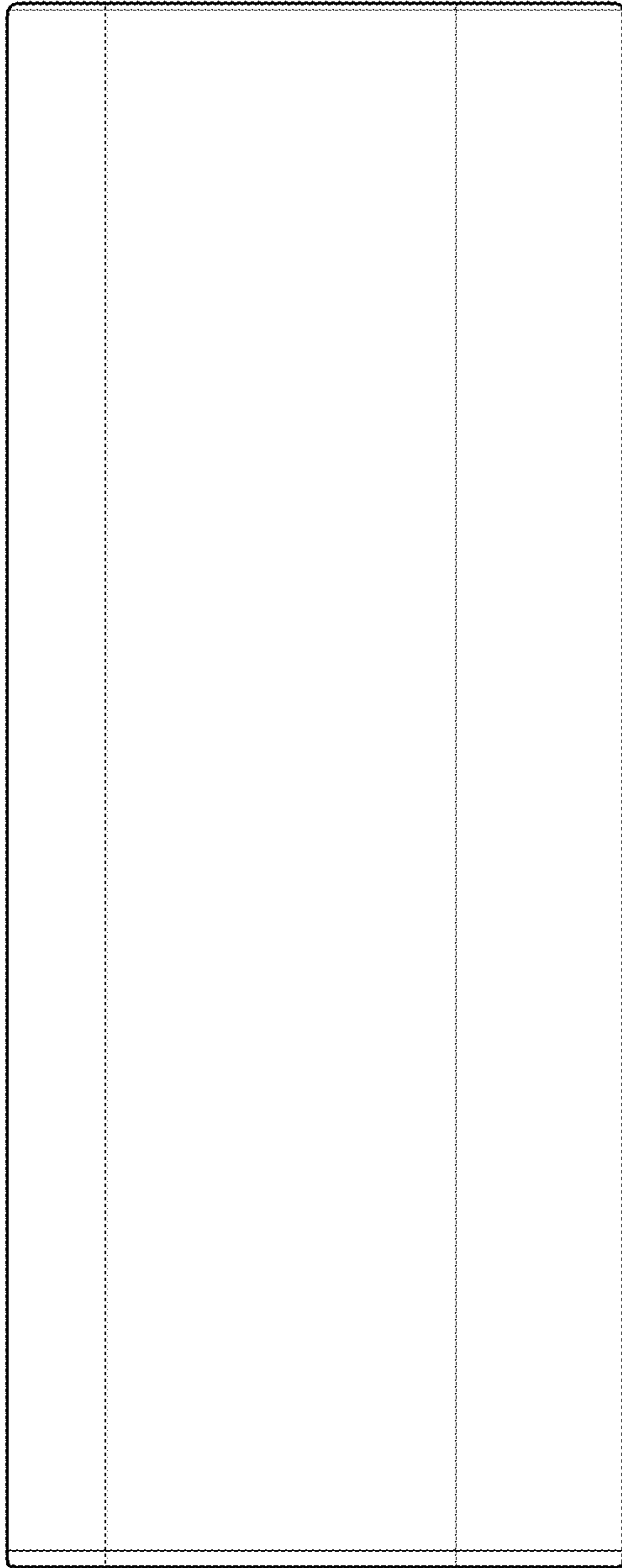


FIG. 9

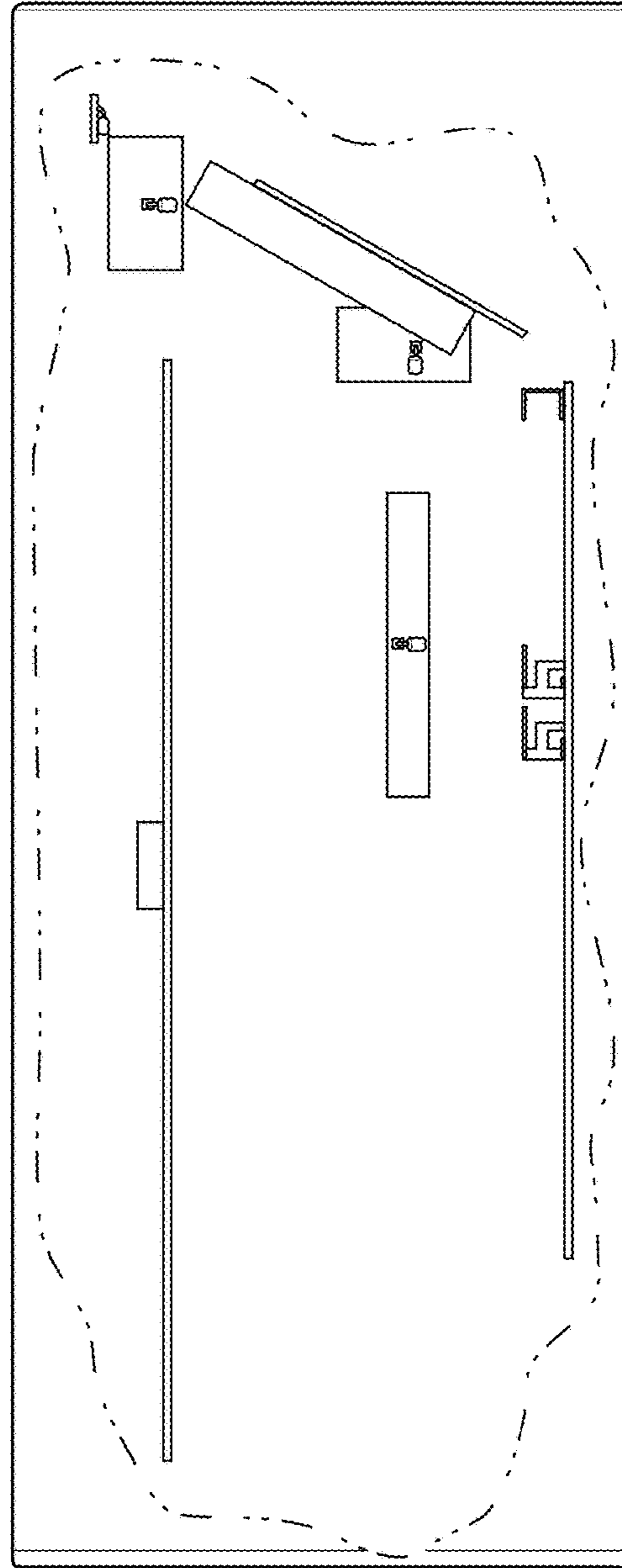


FIG. 9A

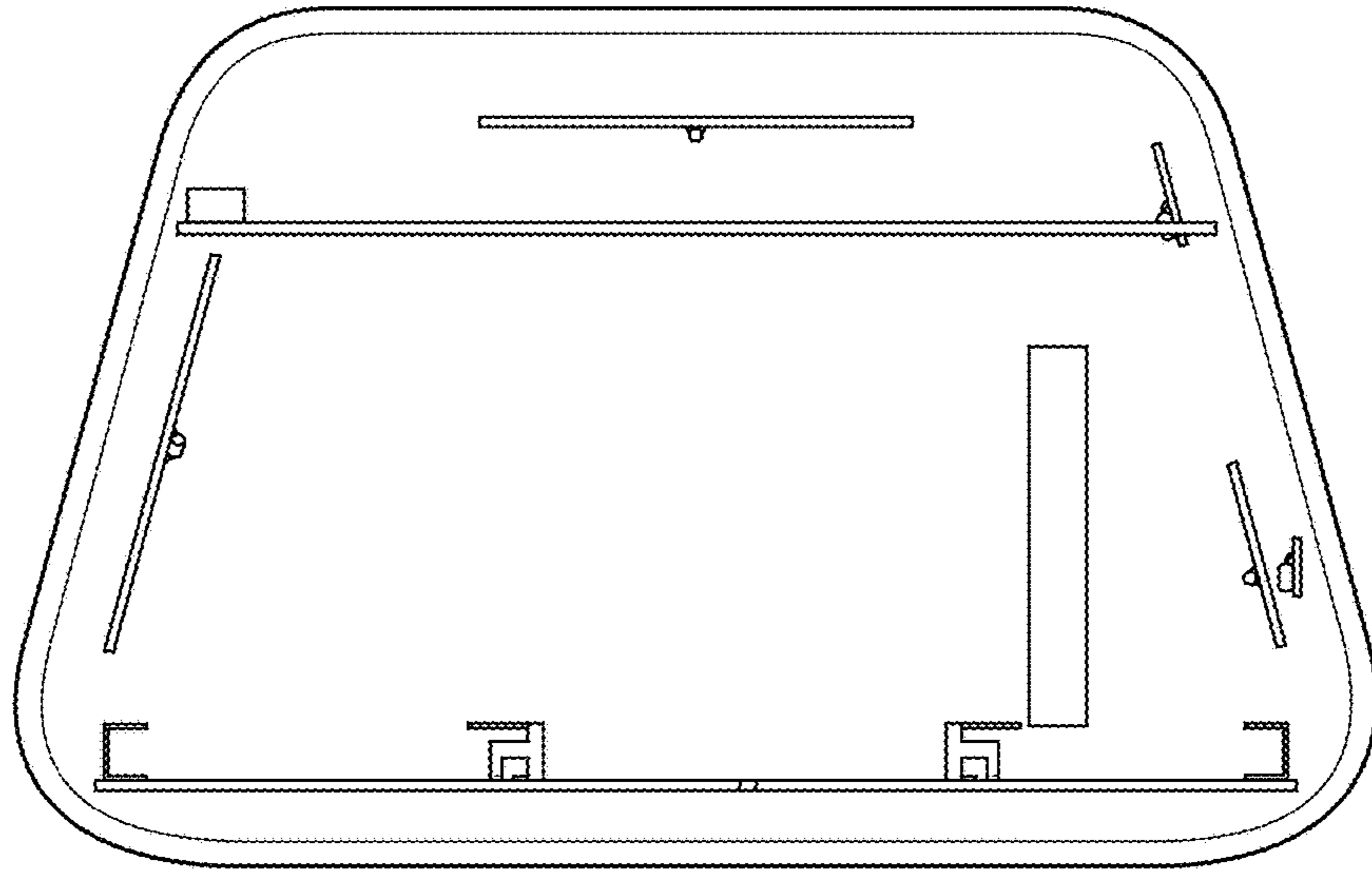


FIG. 10

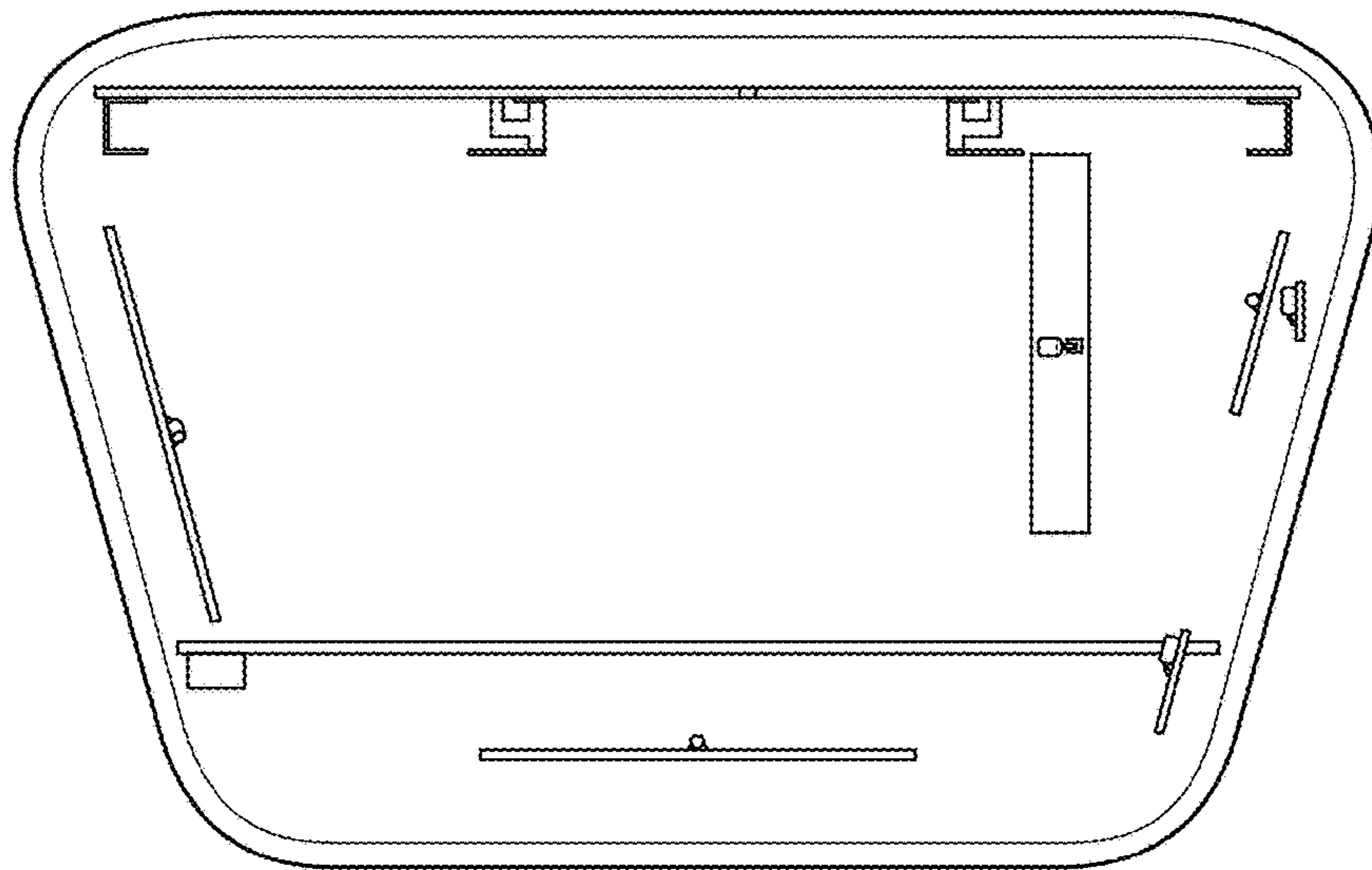


FIG. 11

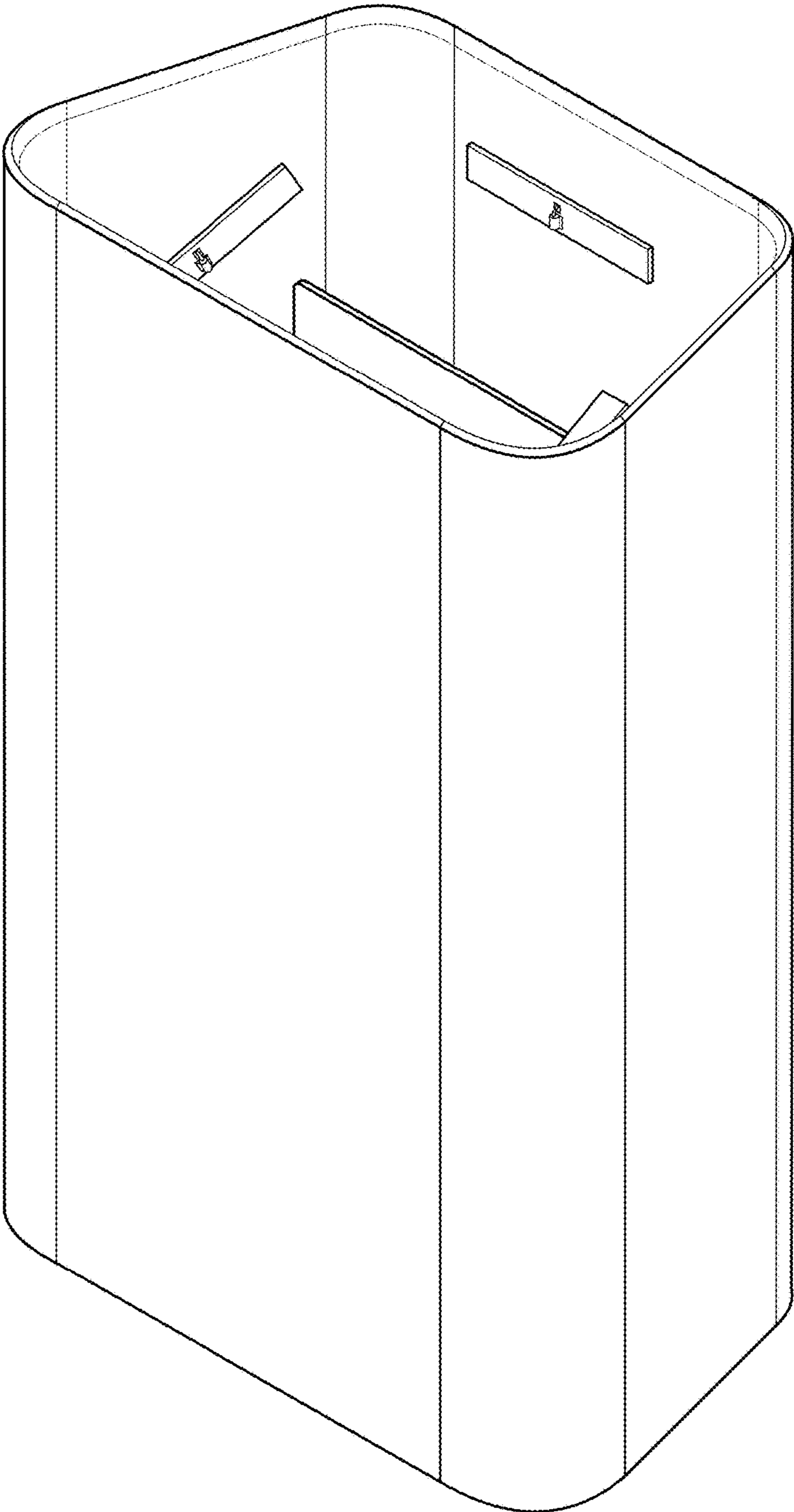


FIG. 12

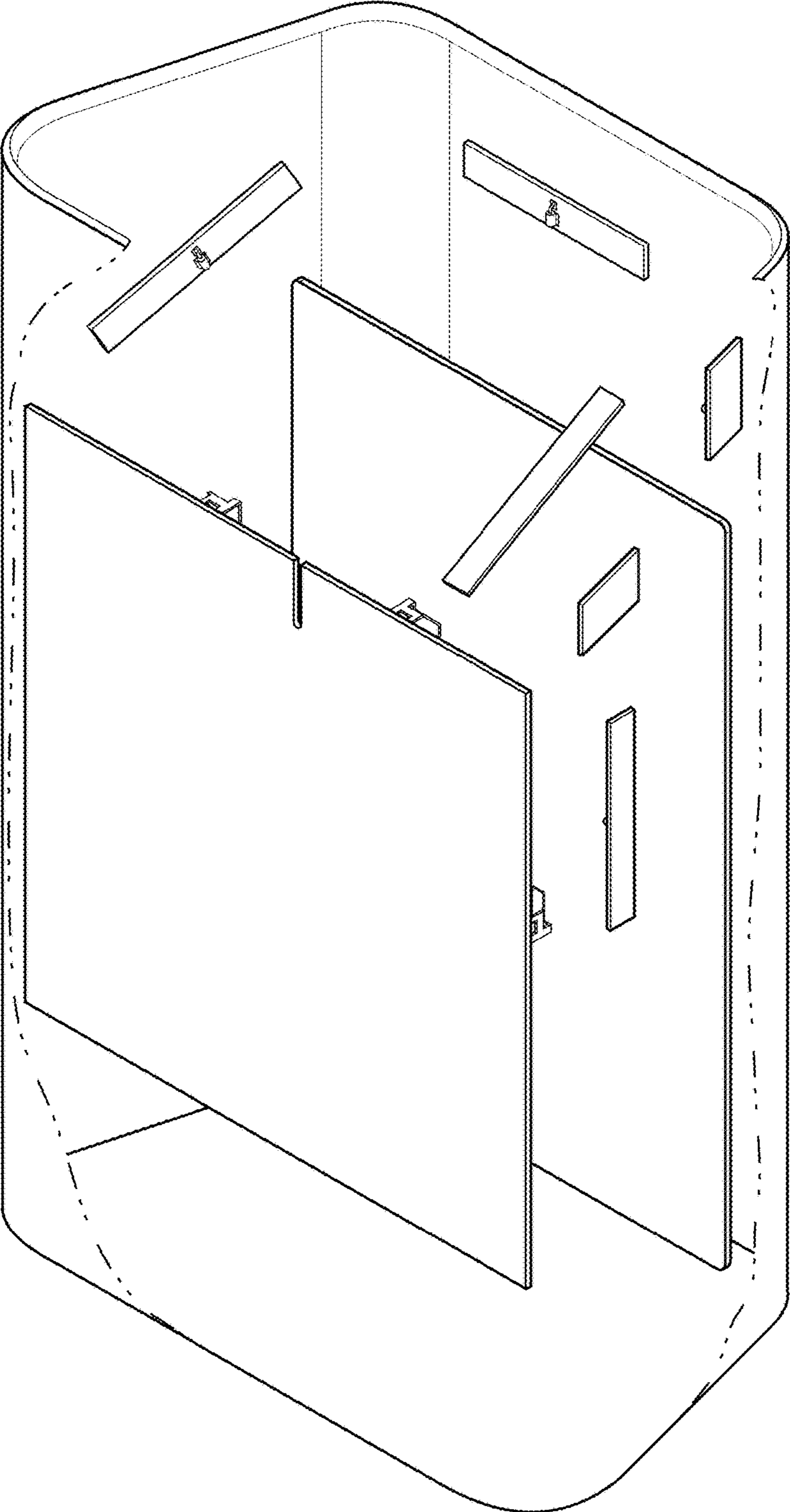


FIG. 12A

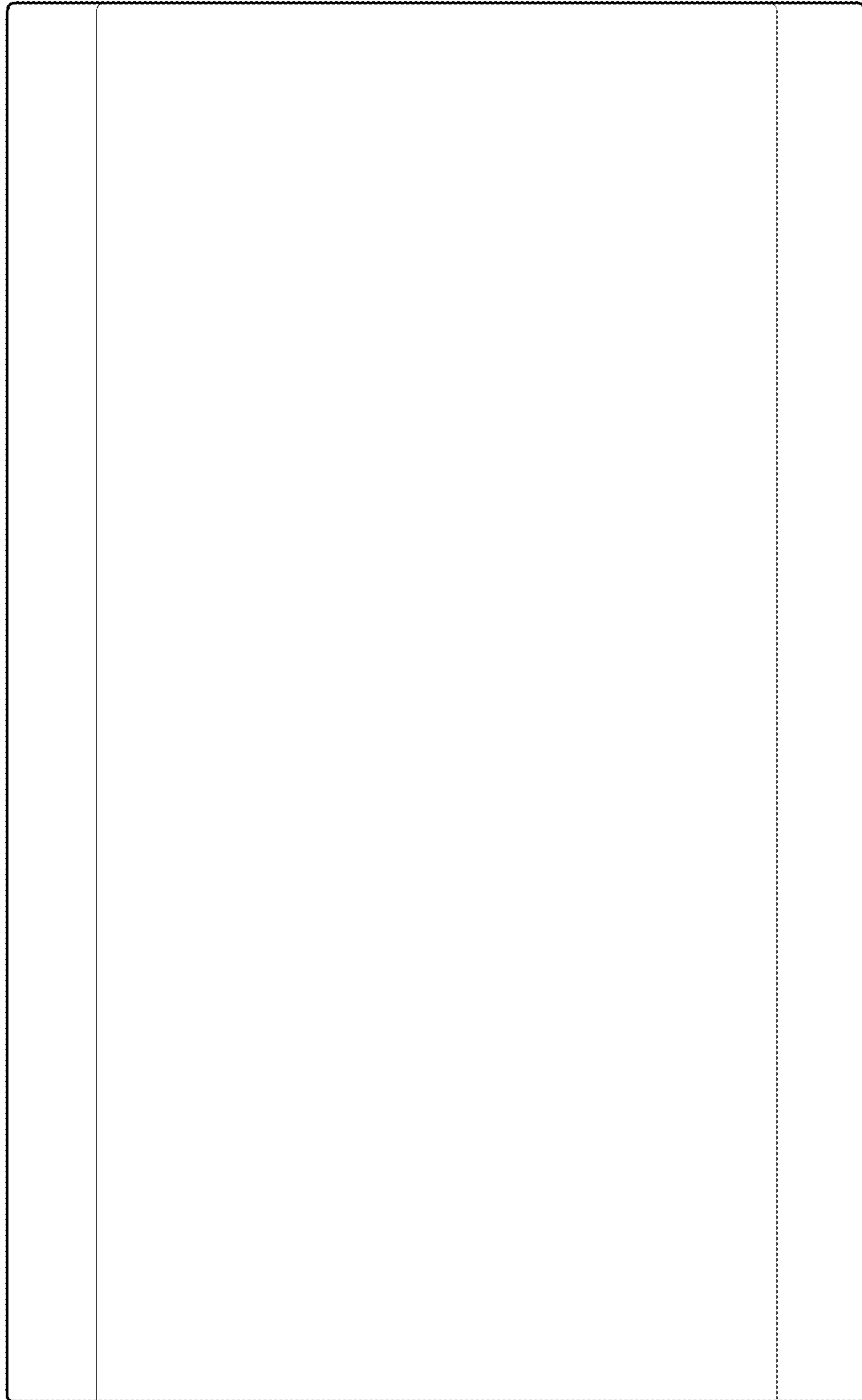


FIG. 13

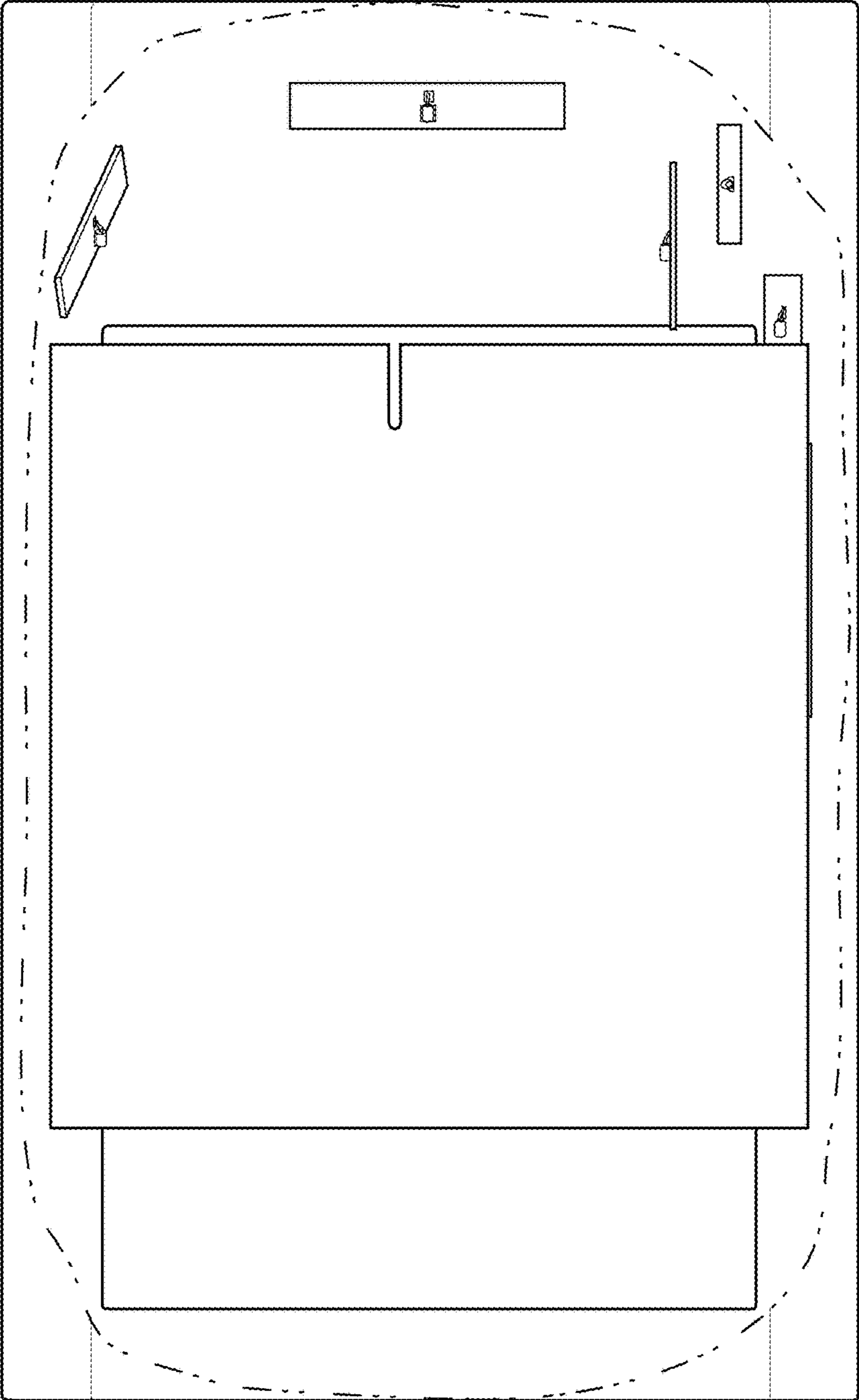


FIG. 13A

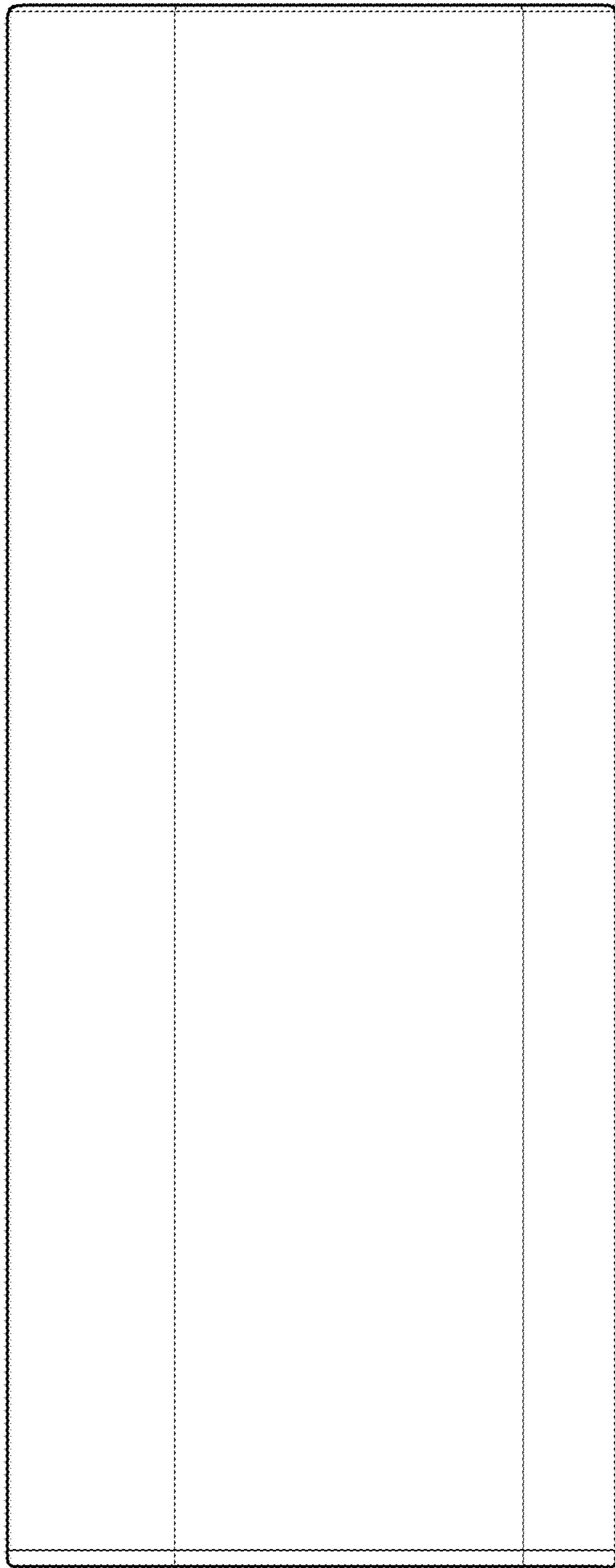


FIG. 14

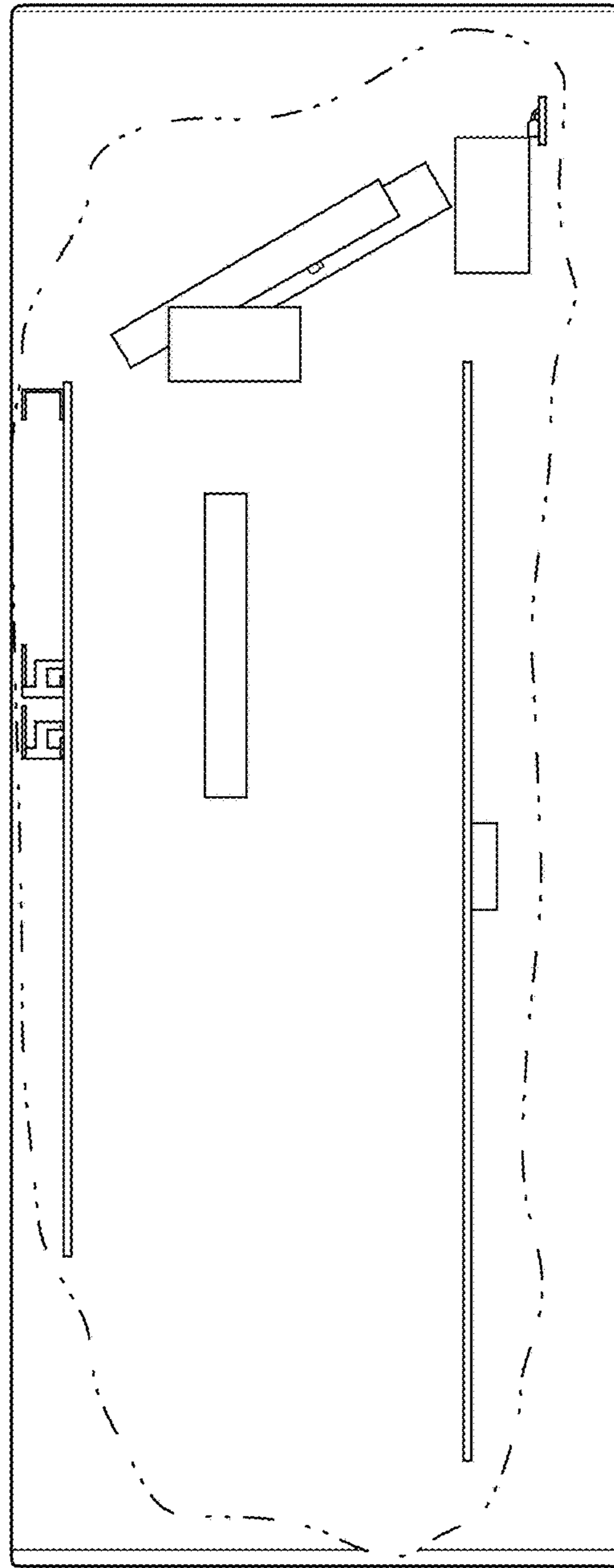


FIG. 14A

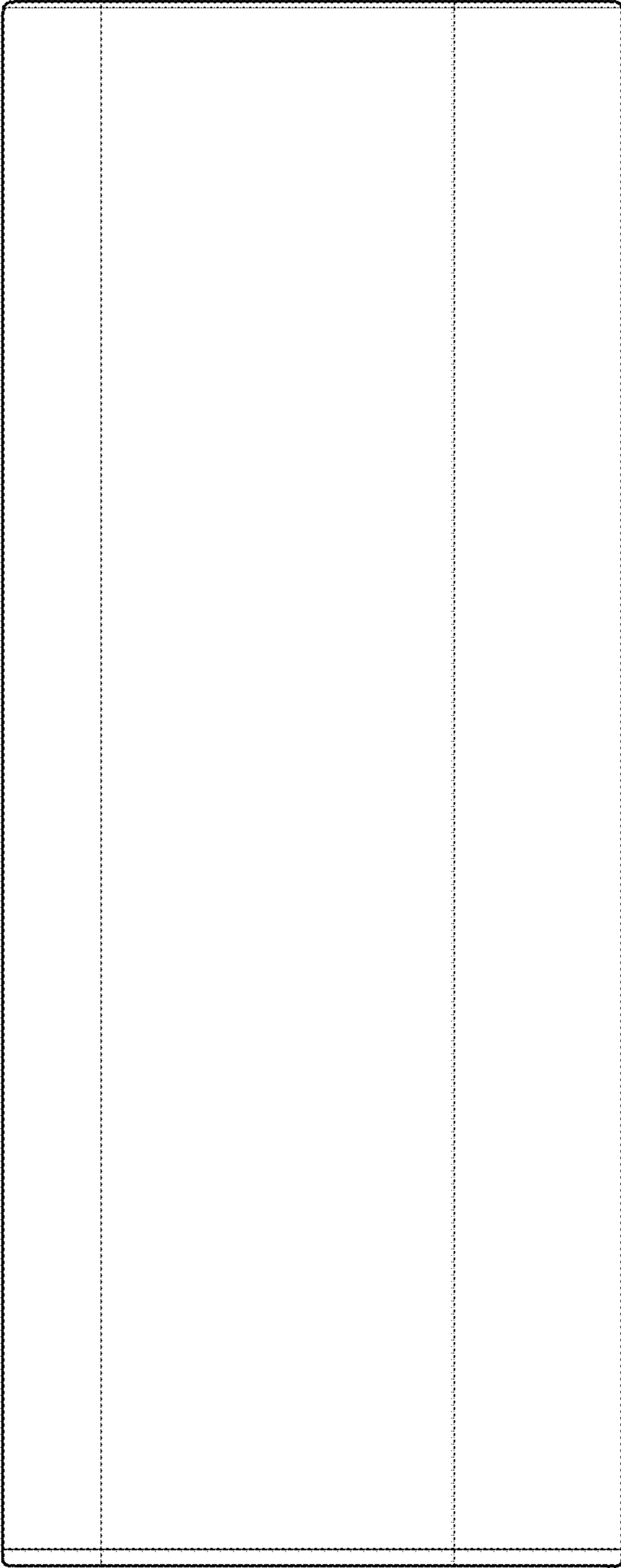


FIG. 15

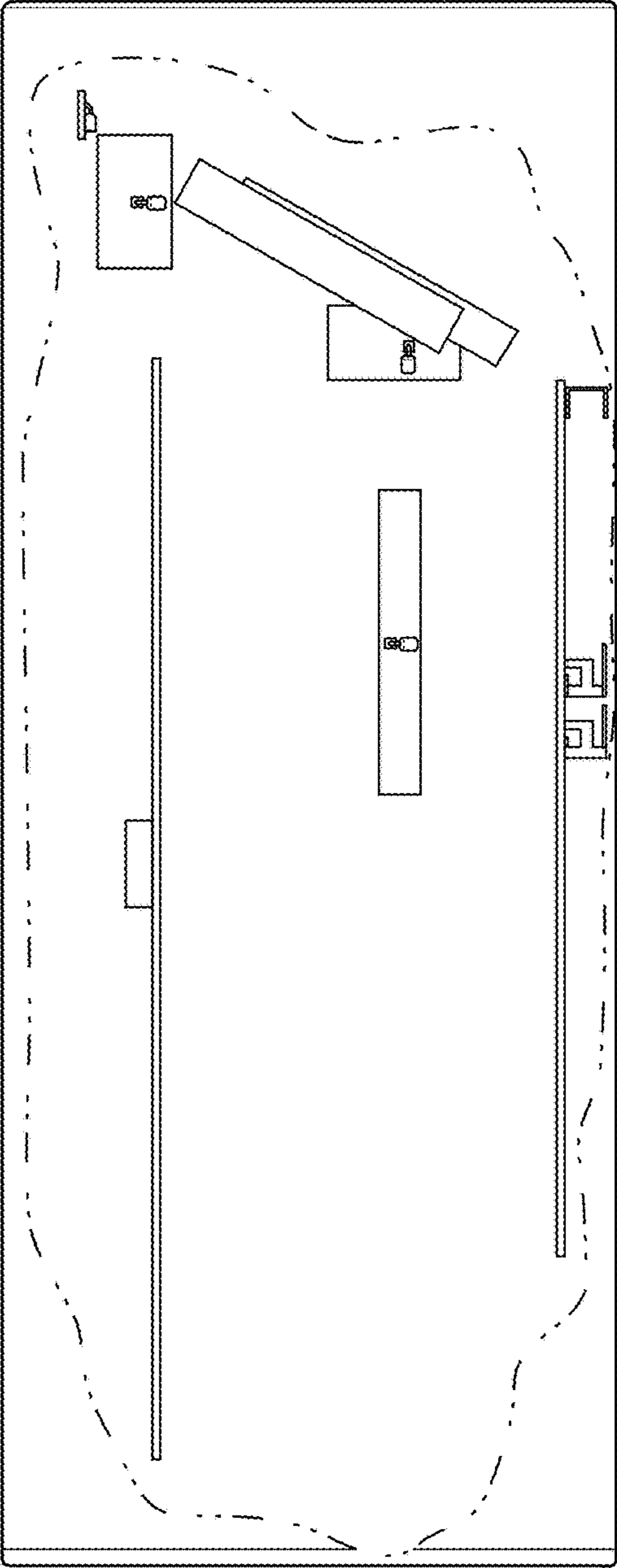


FIG. 15A

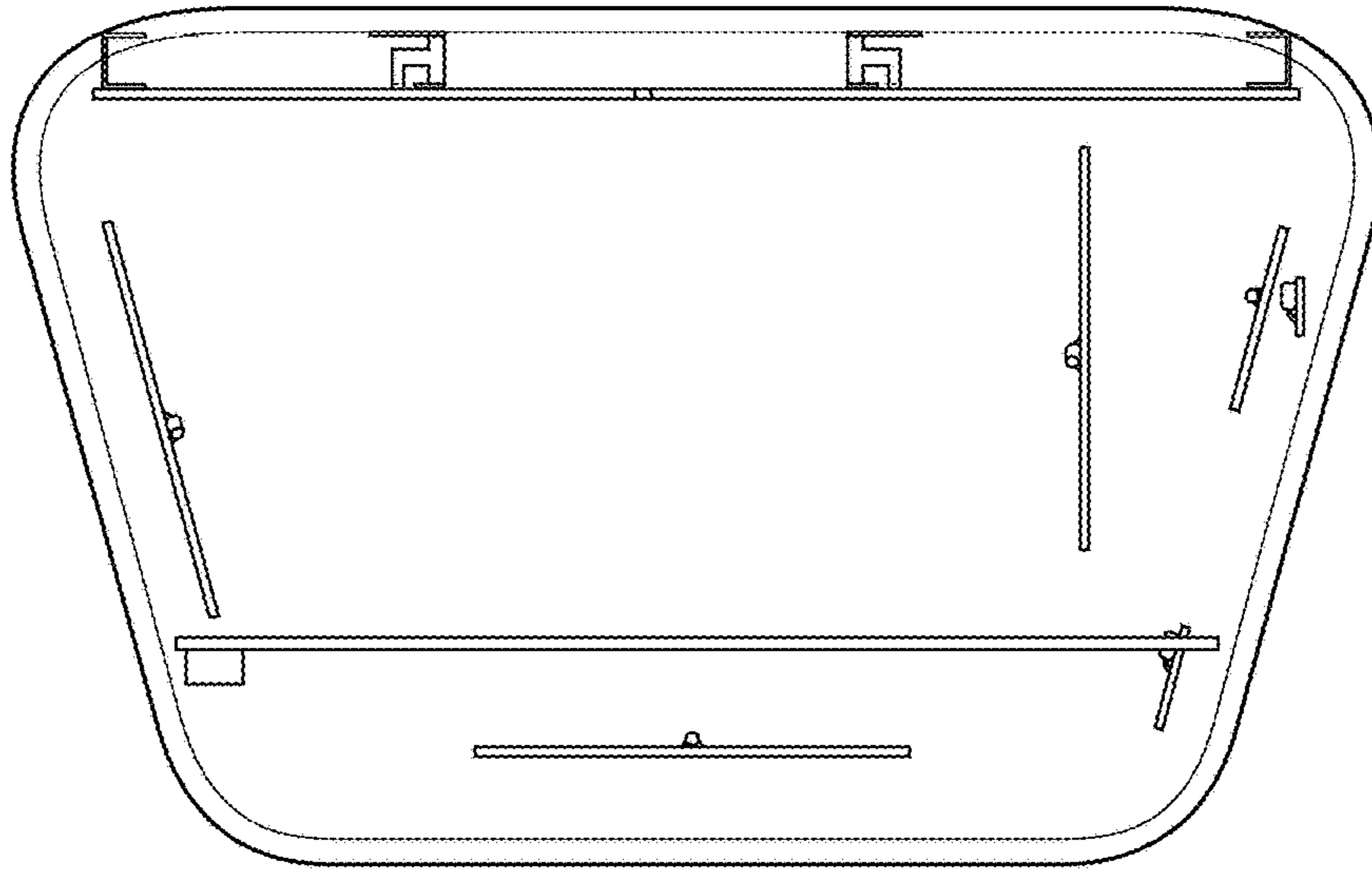


FIG. 16

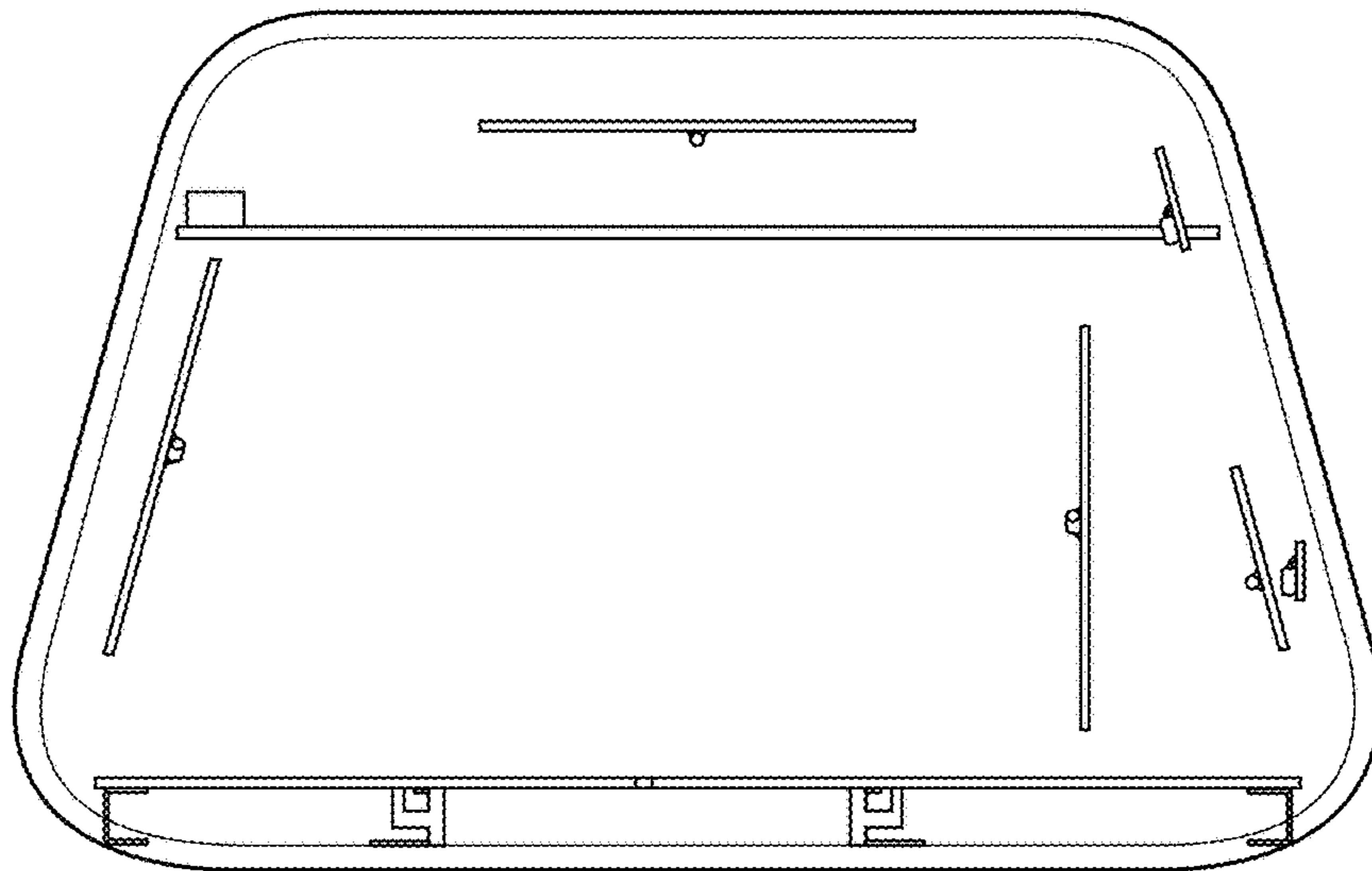


FIG. 17

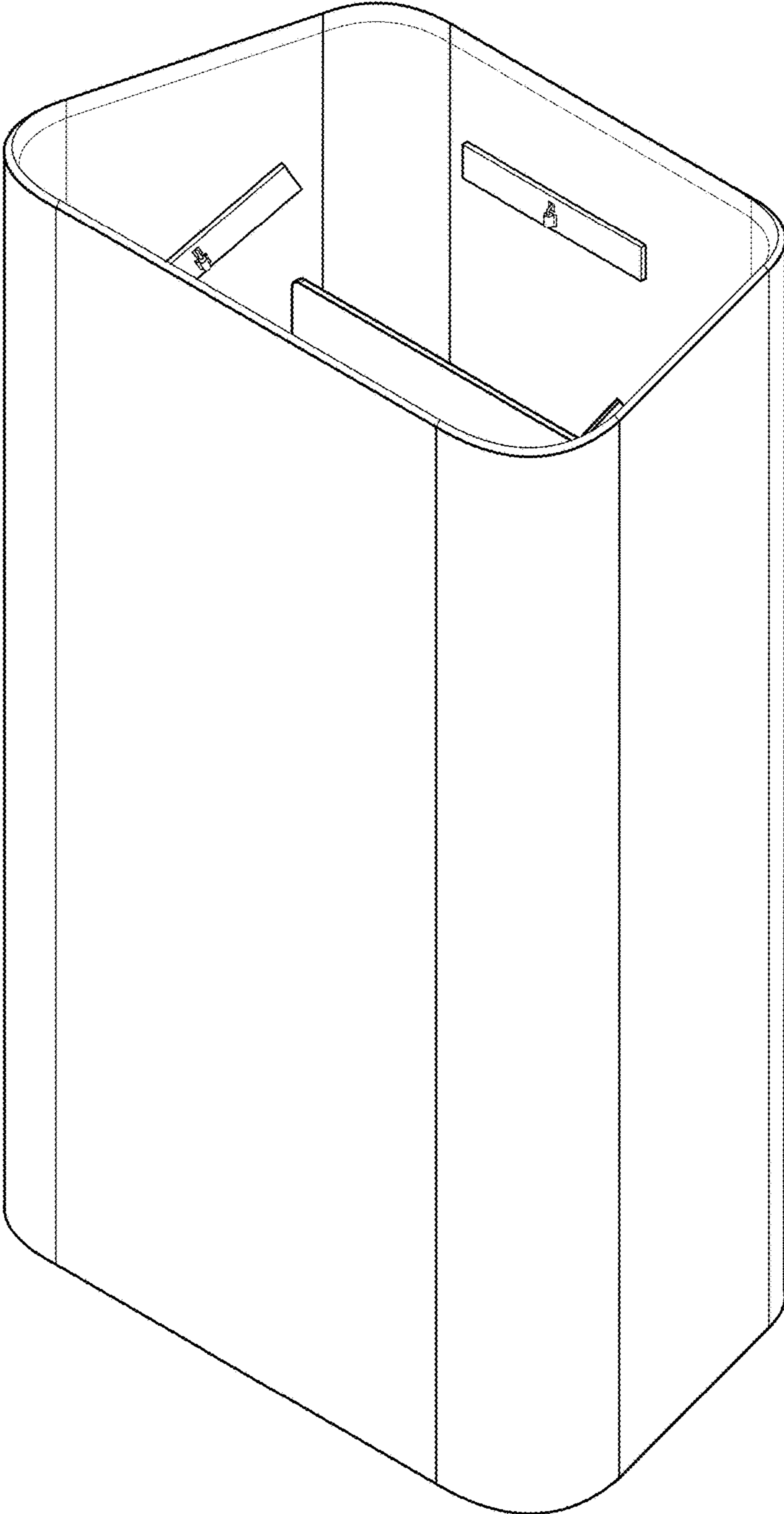


FIG. 18

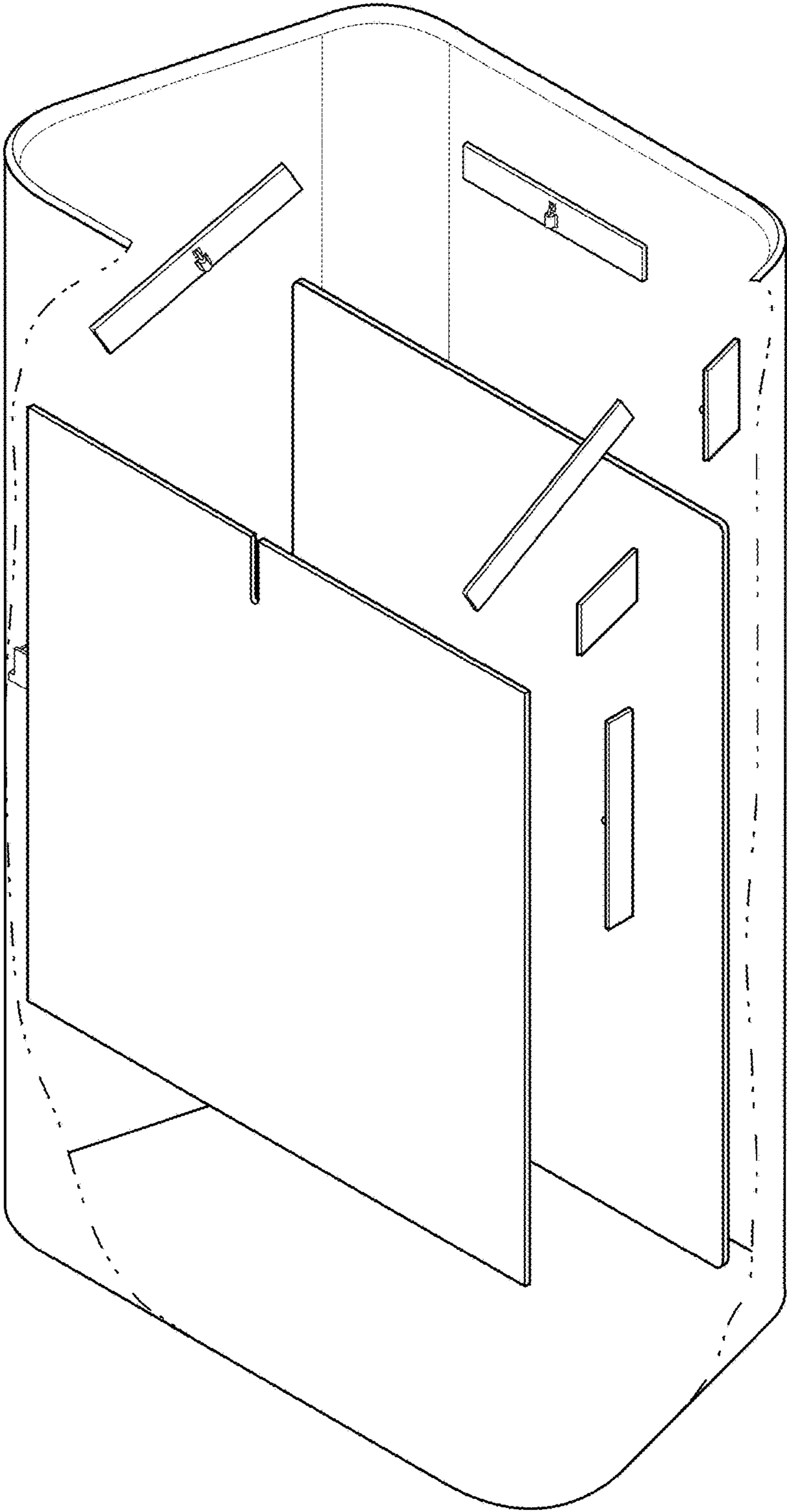


FIG. 18A

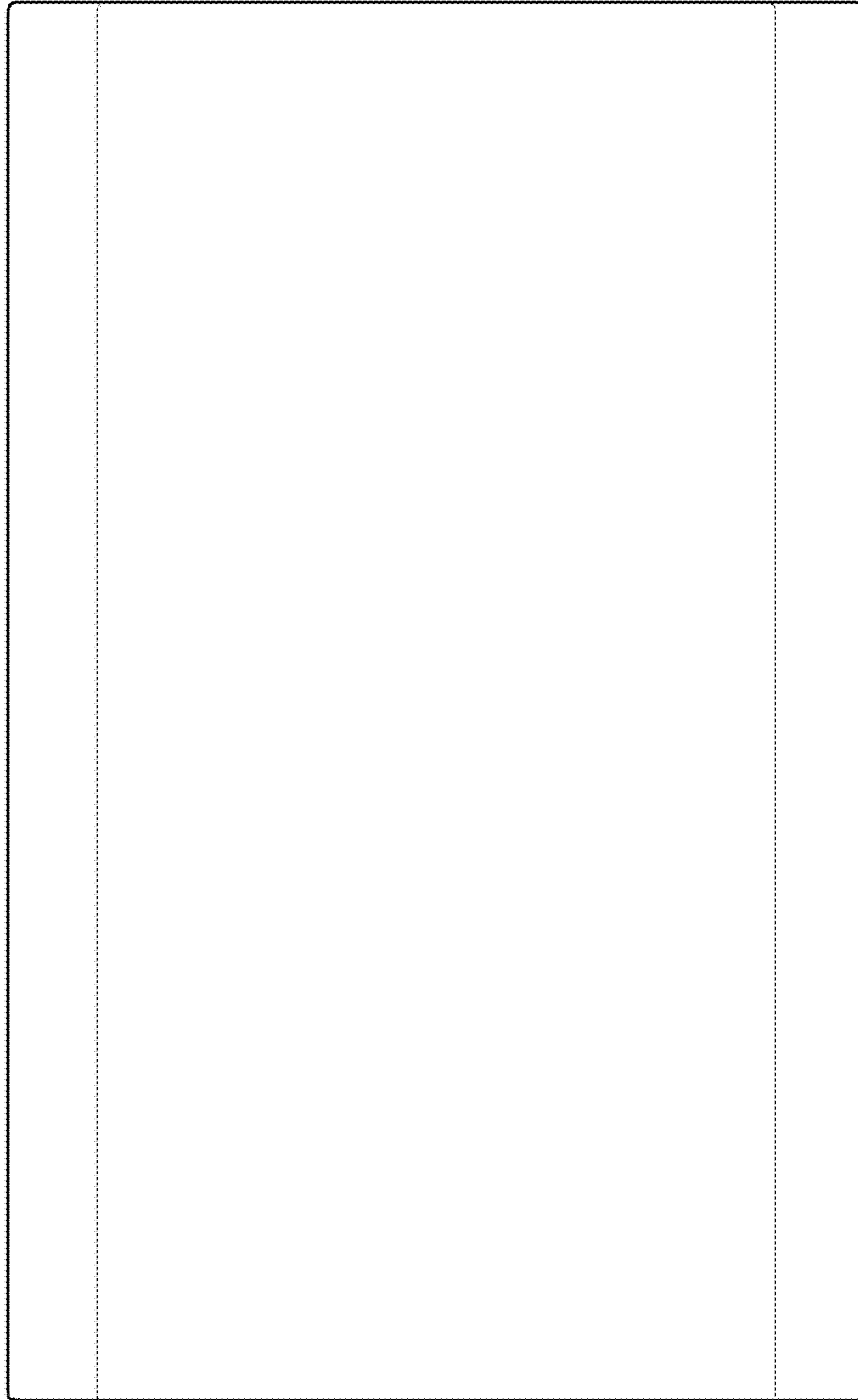


FIG. 19

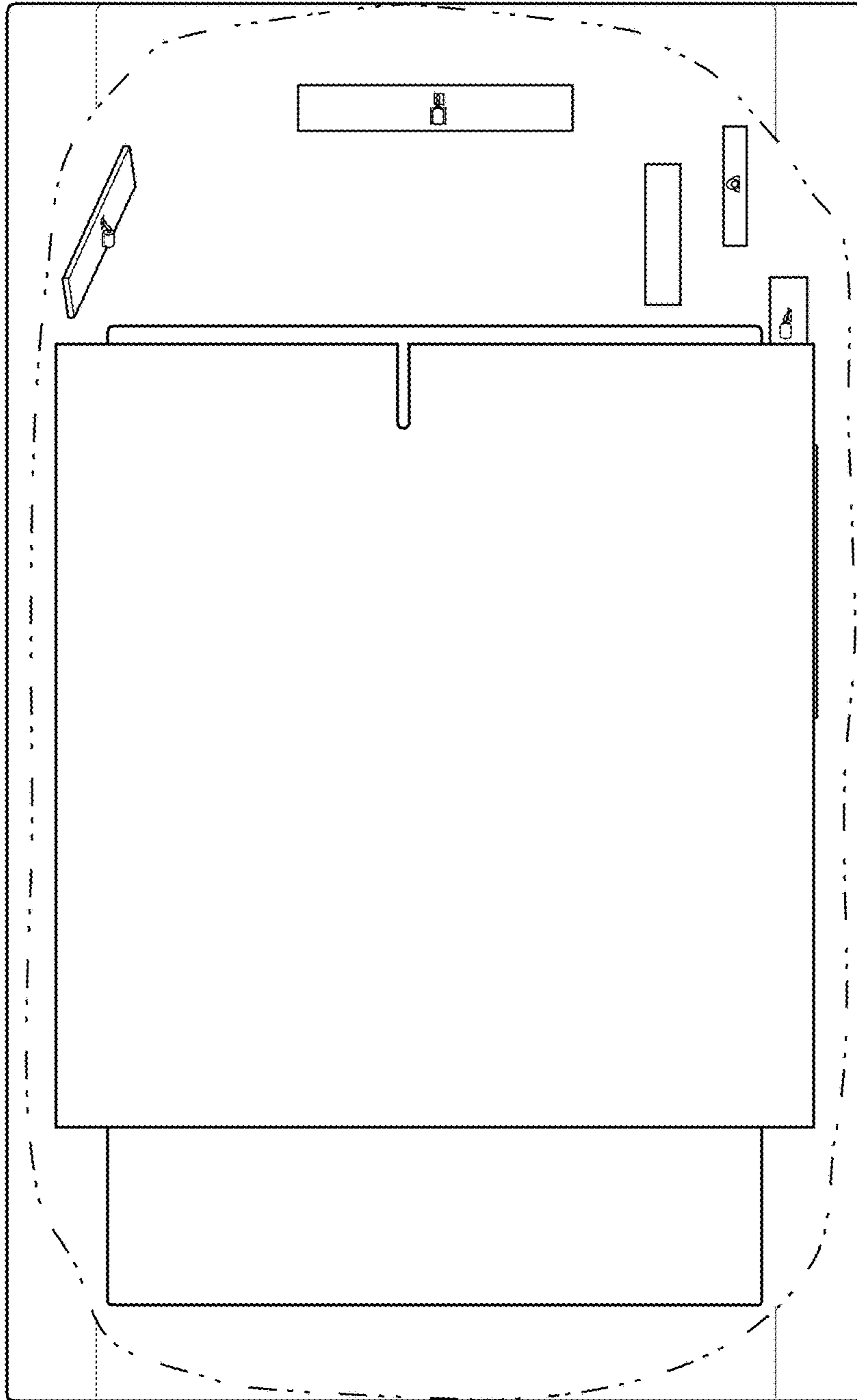


FIG. 19A

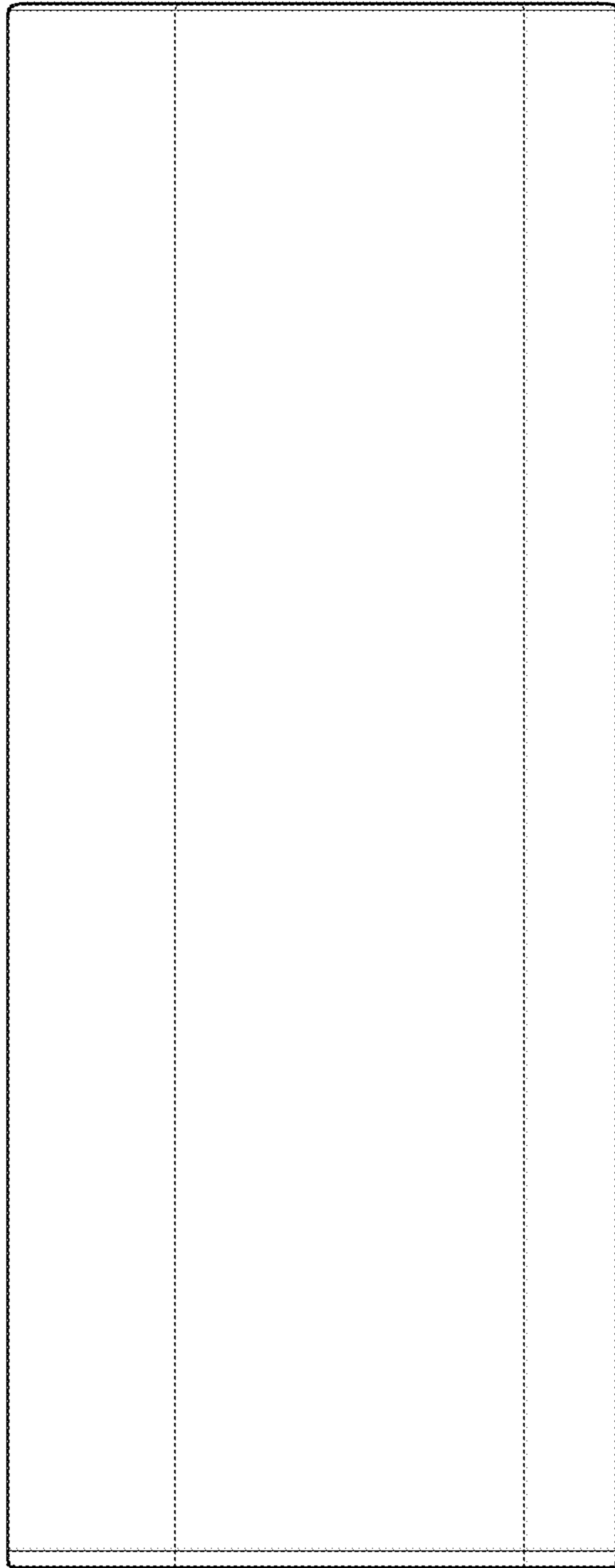


FIG. 20

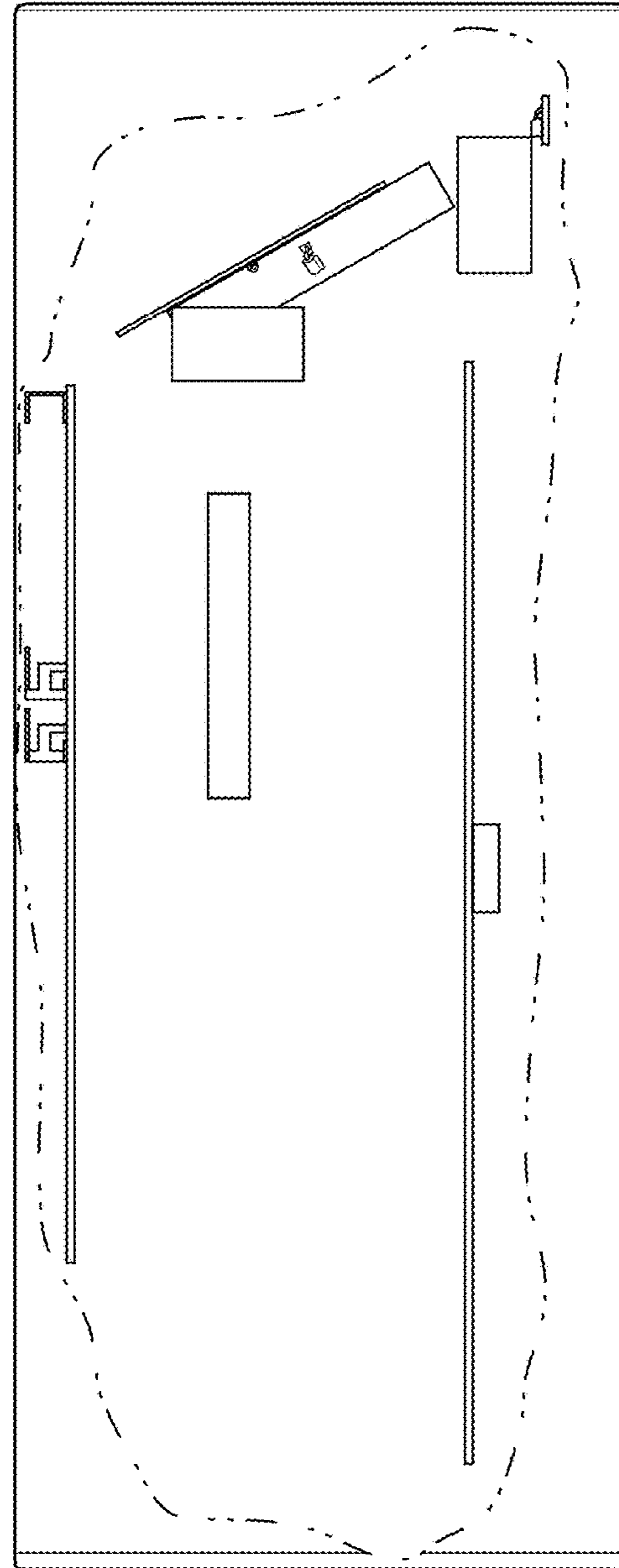


FIG. 20A

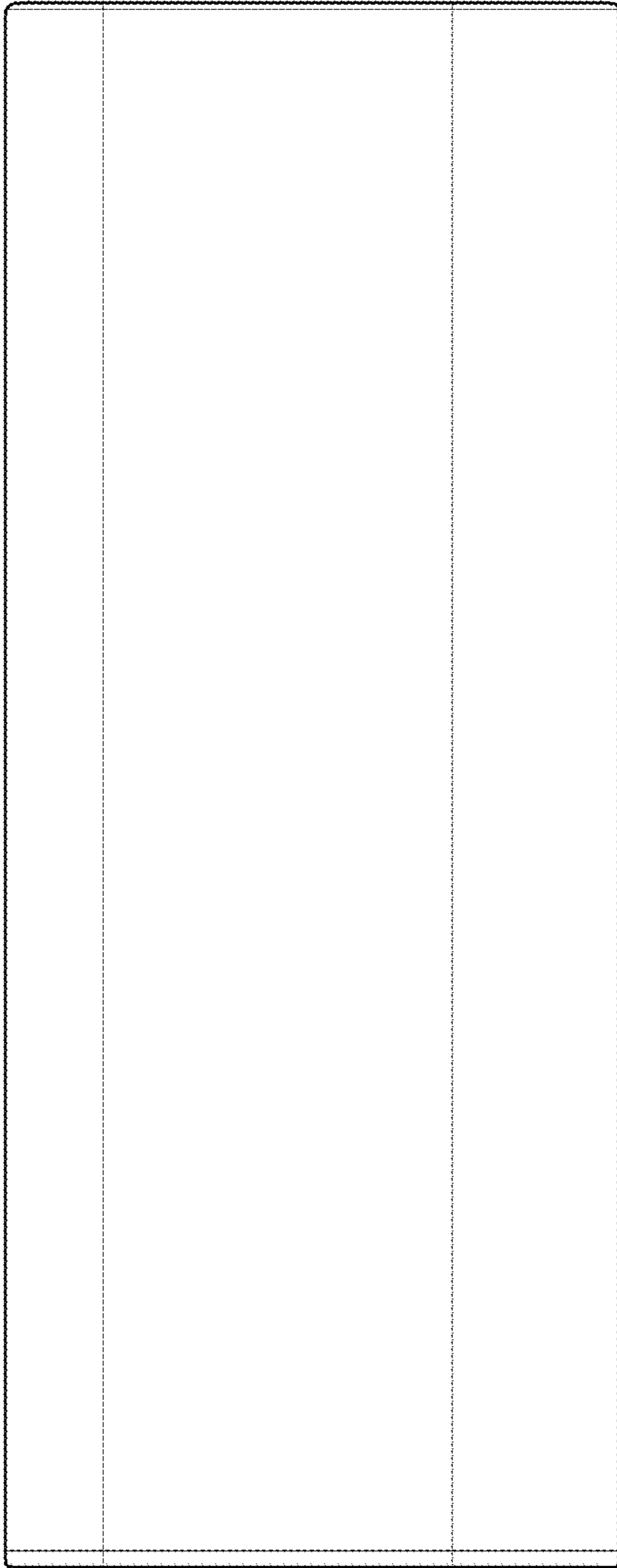


FIG. 21

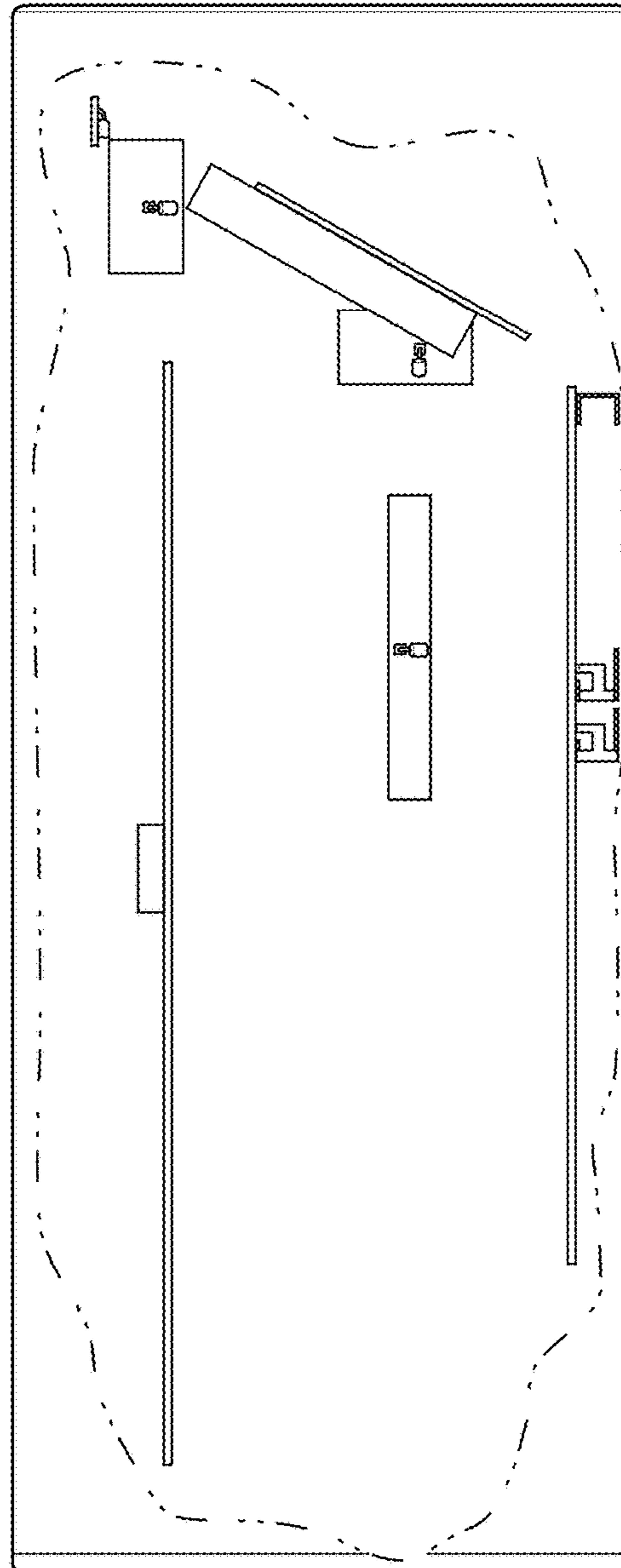


FIG. 21A

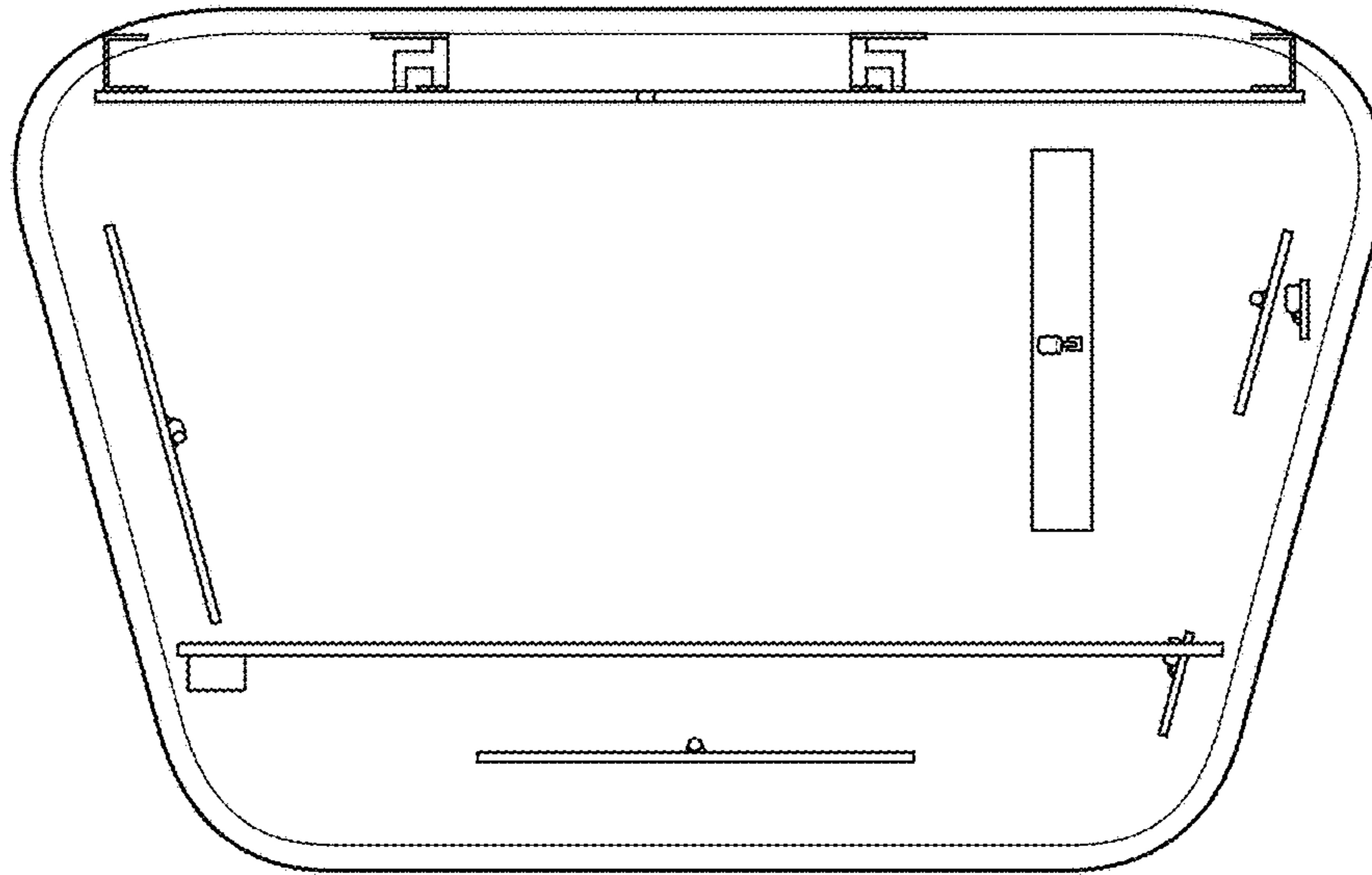


FIG. 22

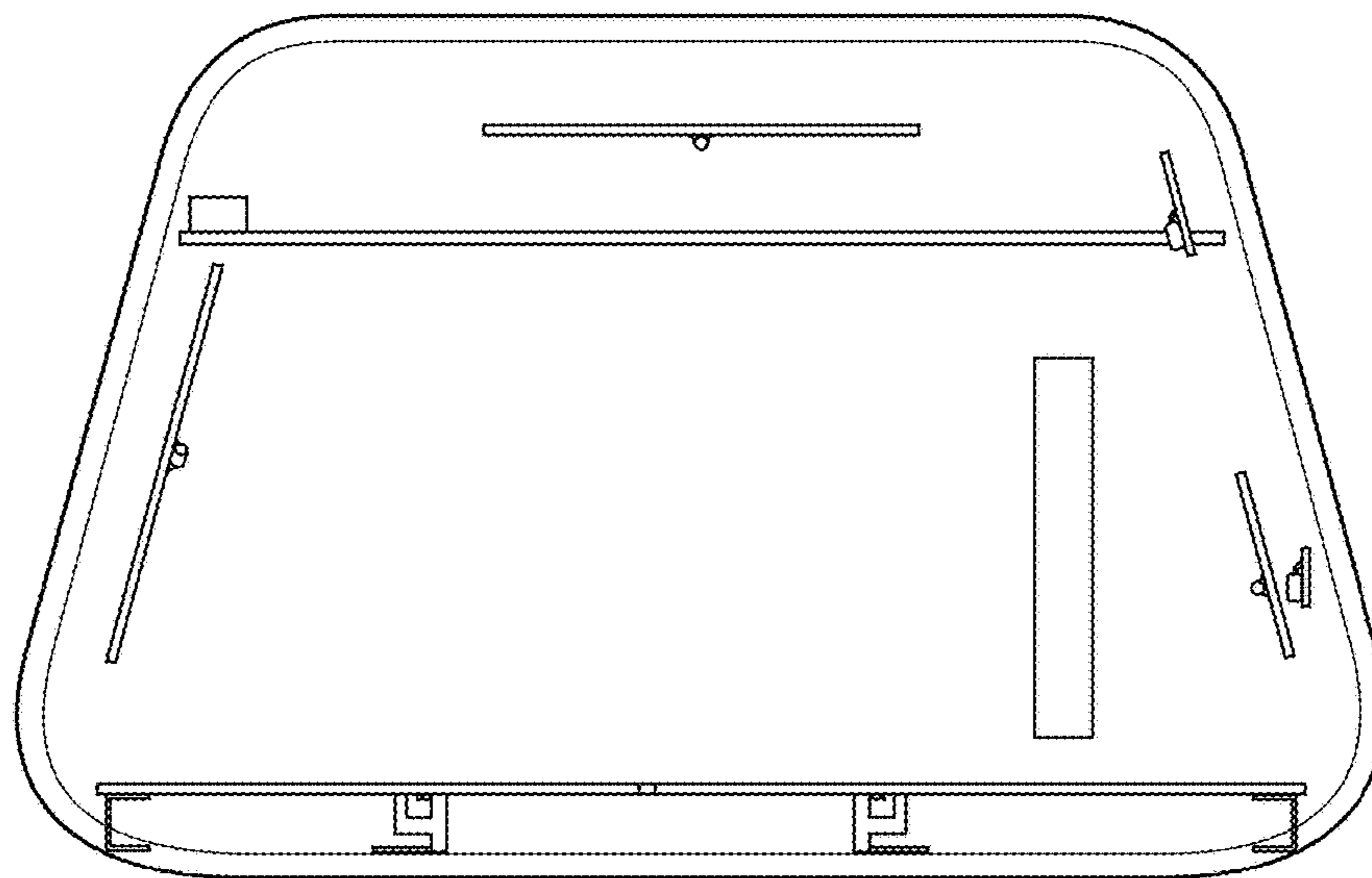


FIG. 23

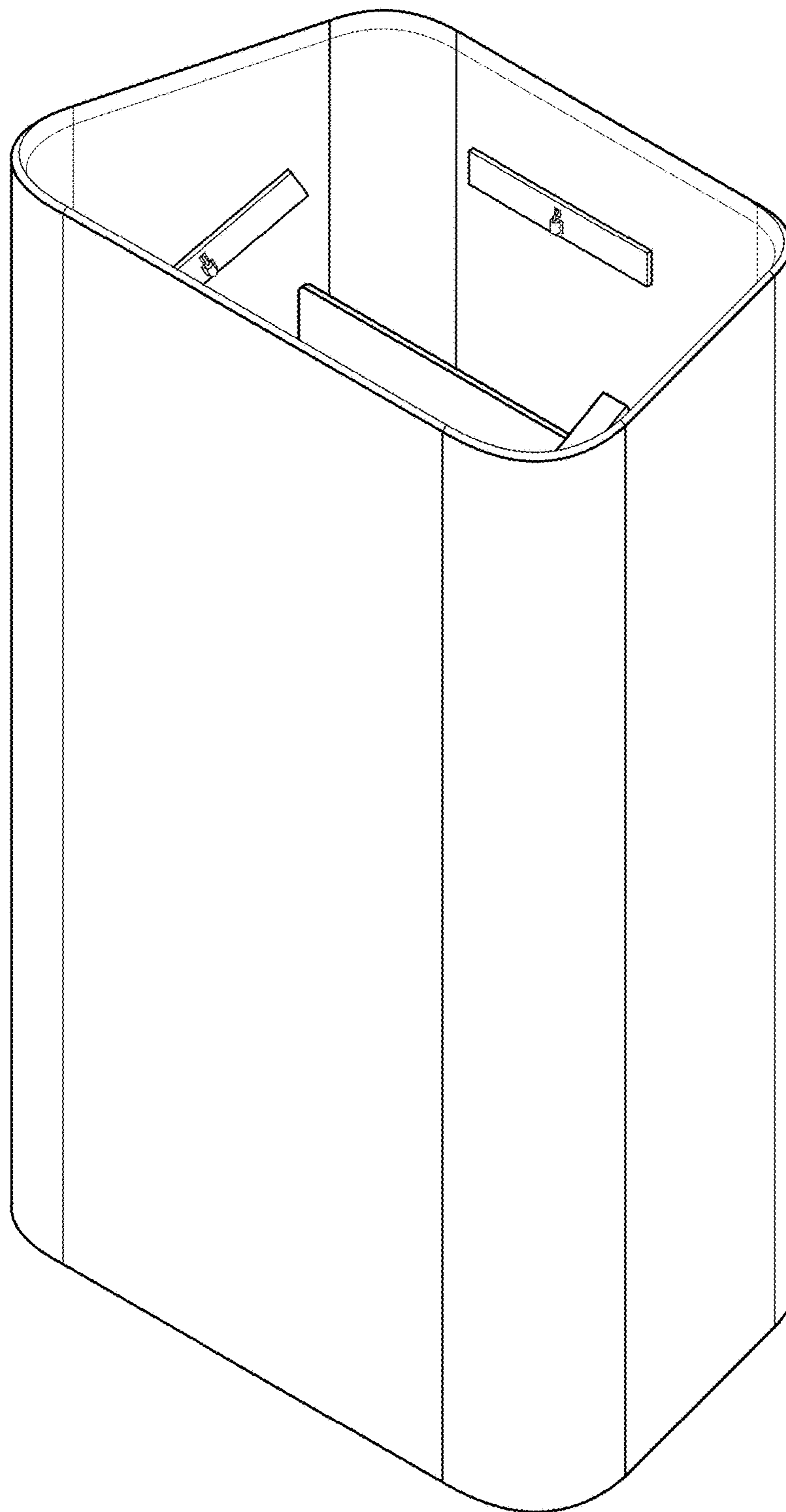


FIG. 24

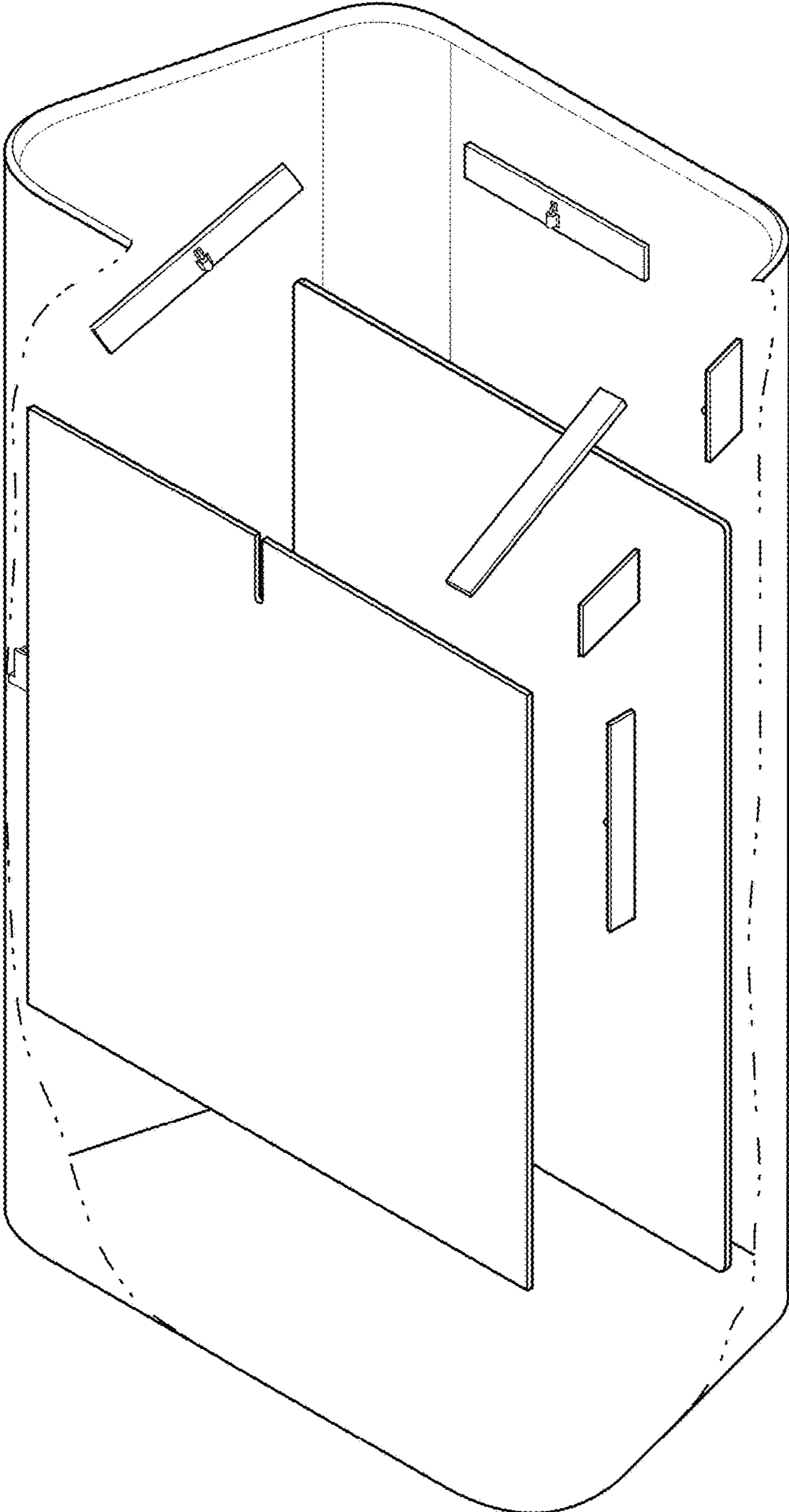


FIG. 24A