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(12) **United States Design Patent**  
**Kang**

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(54) **REACTION TANK**

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

(\*) Notice: This patent is subject to a terminal disclaimer.

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

(21) Appl. No.: **29/657,848**

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(30) **Foreign Application Priority Data**

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

(52) **U.S. Cl.**  
USPC ..... **D24/216; D24/232**

(58) **Field of Classification Search**  
USPC ..... D24/107, 111, 169, 170, 216-219,  
D24/185-186, 224, 231-234; D10/81  
CPC ..... G01N 2035/00306; G01N 2035/00326;  
G01N 2035/00336; G01N 2030/381;  
G01N 2030/386; G01N 2030/027; G01N  
2030/8804; G01N 2030/8809; G01N  
2030/8813; G01N 2030/8881; G01N  
21/76

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

6,592,822 B1 \* 7/2003 Chandler ..... G01N 15/1456  
356/72  
D637,929 S \* 5/2011 Kimura ..... D10/81

D637,931 S \* 5/2011 Kimura ..... D10/81  
D646,189 S \* 10/2011 Dinter ..... D10/81  
D685,499 S \* 7/2013 Kimura ..... D24/232  
D687,561 S \* 8/2013 Iseki ..... D24/216  
D693,938 S \* 11/2013 Matoba ..... D24/216  
D719,672 S \* 12/2014 Dickinson ..... D24/217  
D745,185 S \* 12/2015 Kimura ..... D10/81  
D750,989 S \* 3/2016 Shimizu ..... D10/81  
D768,313 S \* 10/2016 Kagawa ..... D24/217  
D785,198 S \* 4/2017 Lemke ..... D24/232  
D838,198 S \* 1/2019 Kimura ..... D10/81

\* cited by examiner

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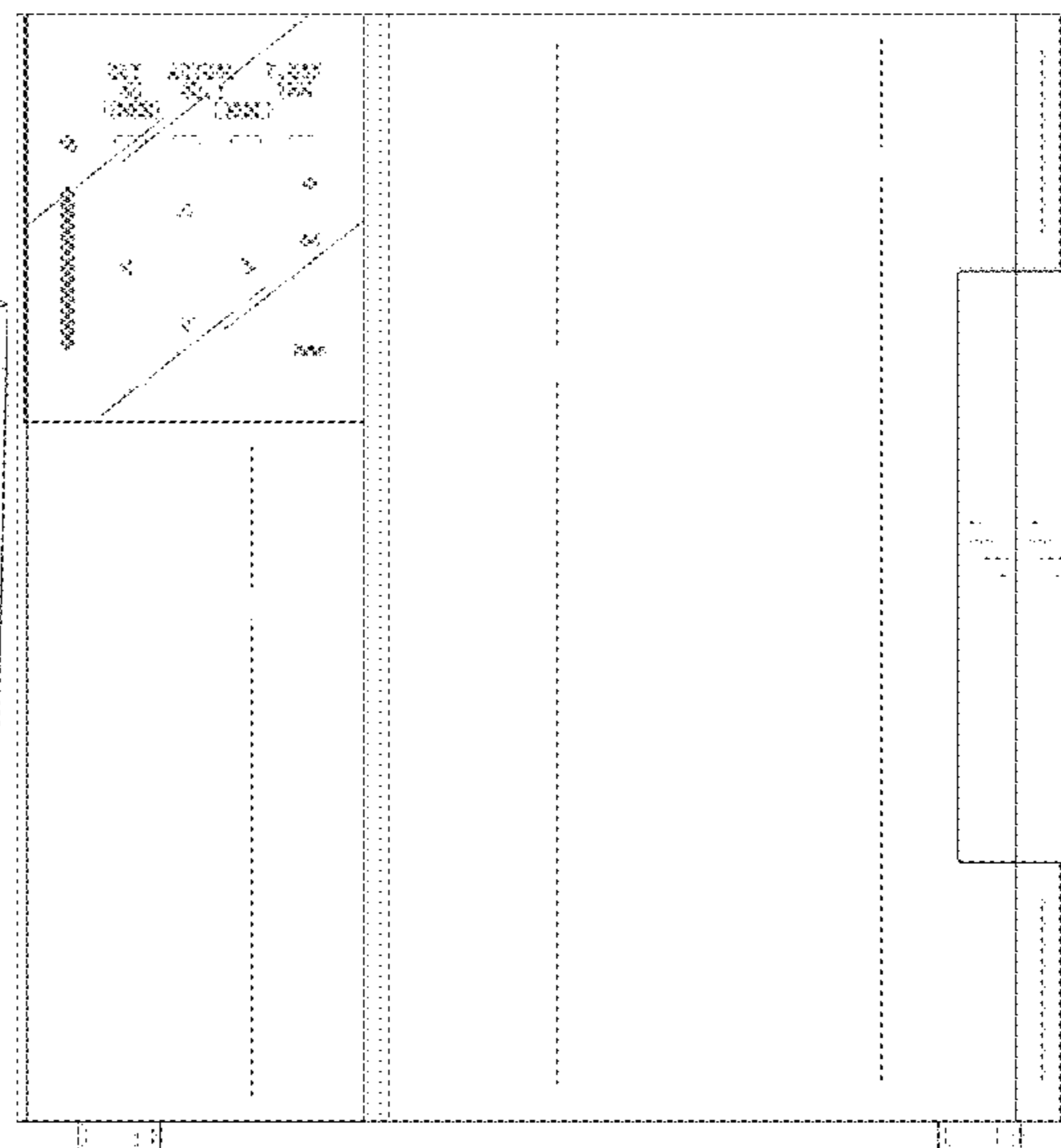
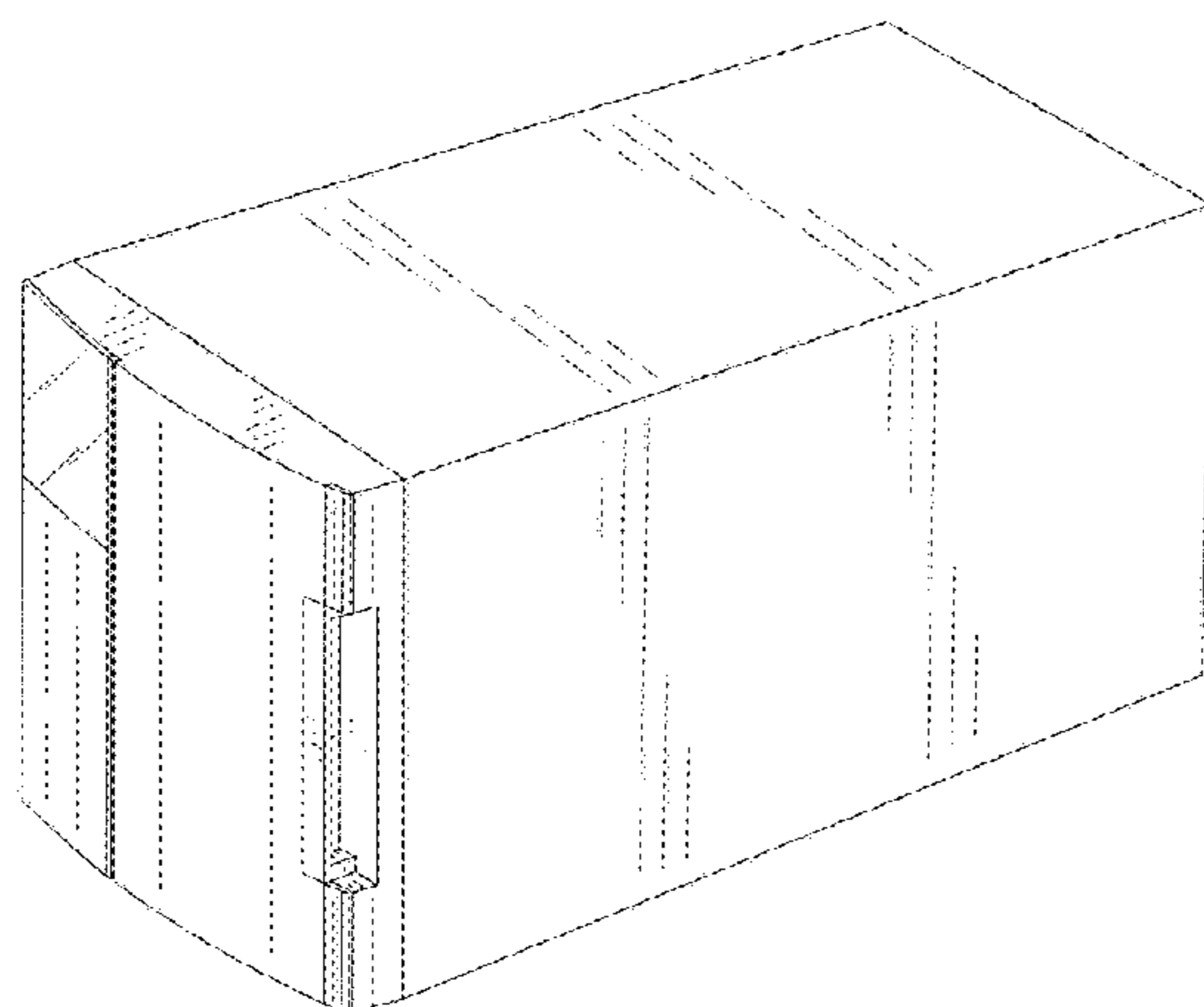
(57) **CLAIM**

The ornamental design for a reaction tank, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a reaction tank 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;  
FIG. 8 is a cross-section view thereof with the internal parts omitted, taken along the line 8-8 of FIG. 2; and,  
FIG. 9 is an enlarged front view thereof in a state of use.  
The broken lines shows portions of the reaction tank form no part of the claimed design.

**1 Claim, 7 Drawing Sheets**



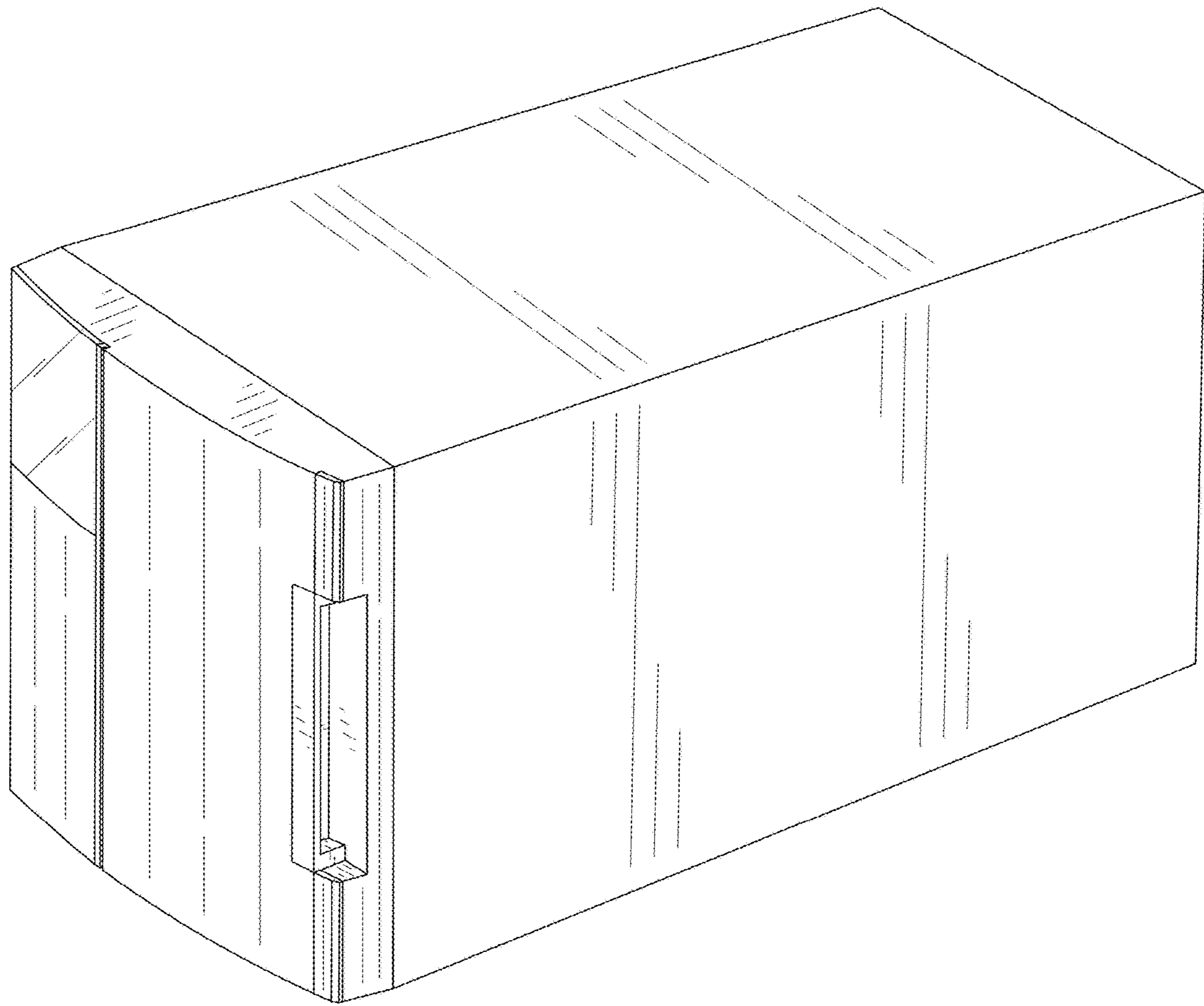


FIG. 1

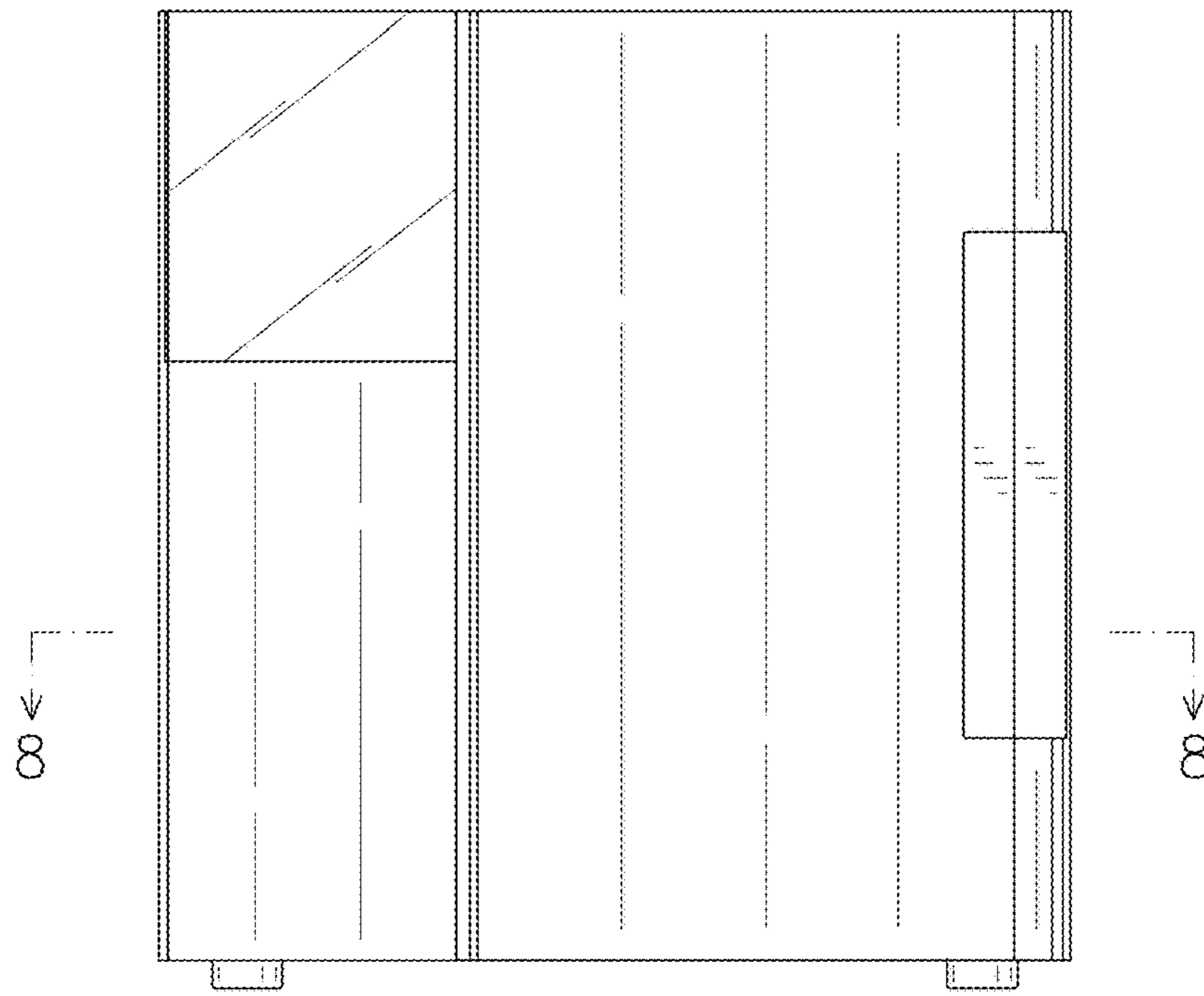


FIG. 2

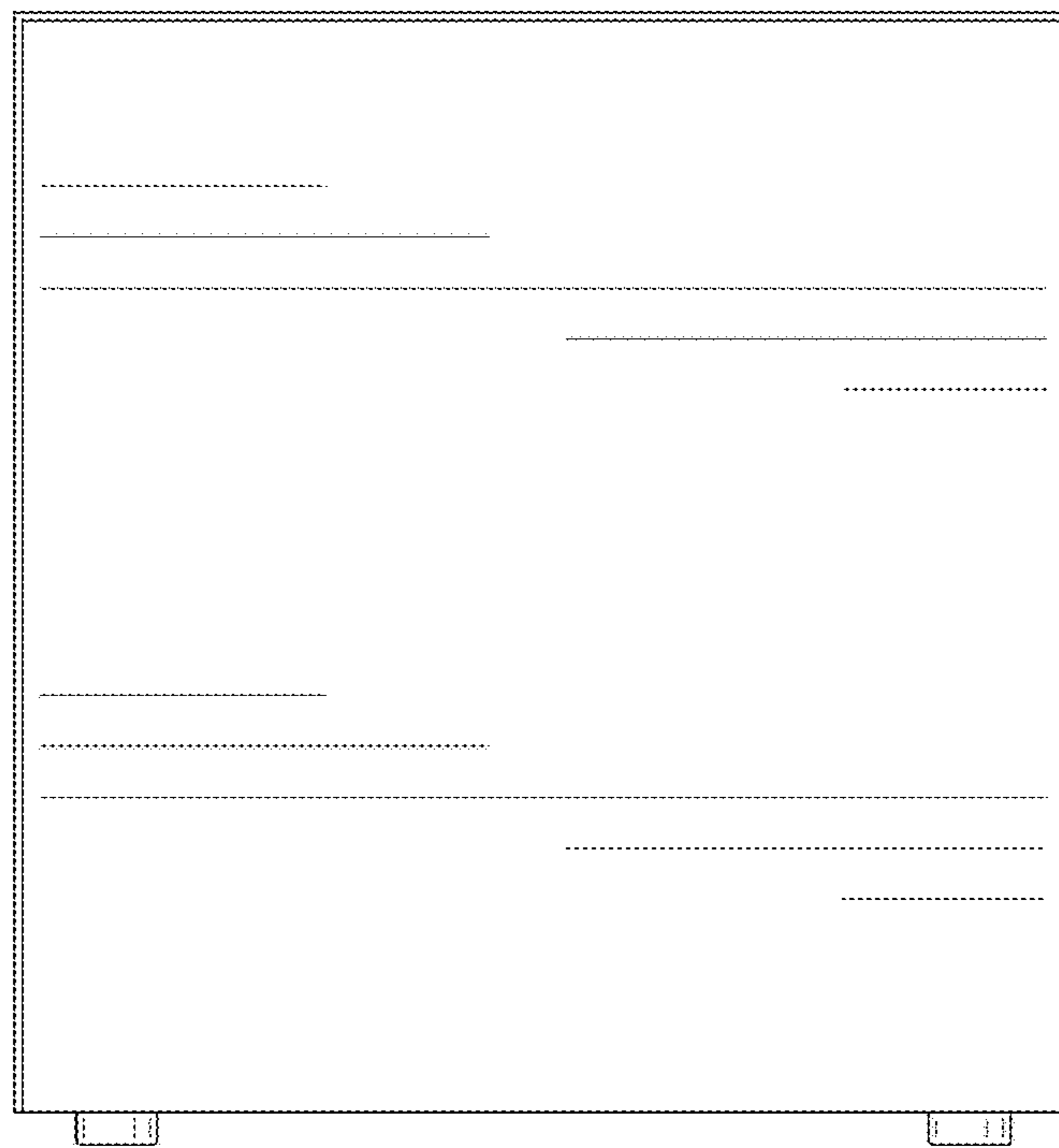


FIG. 3

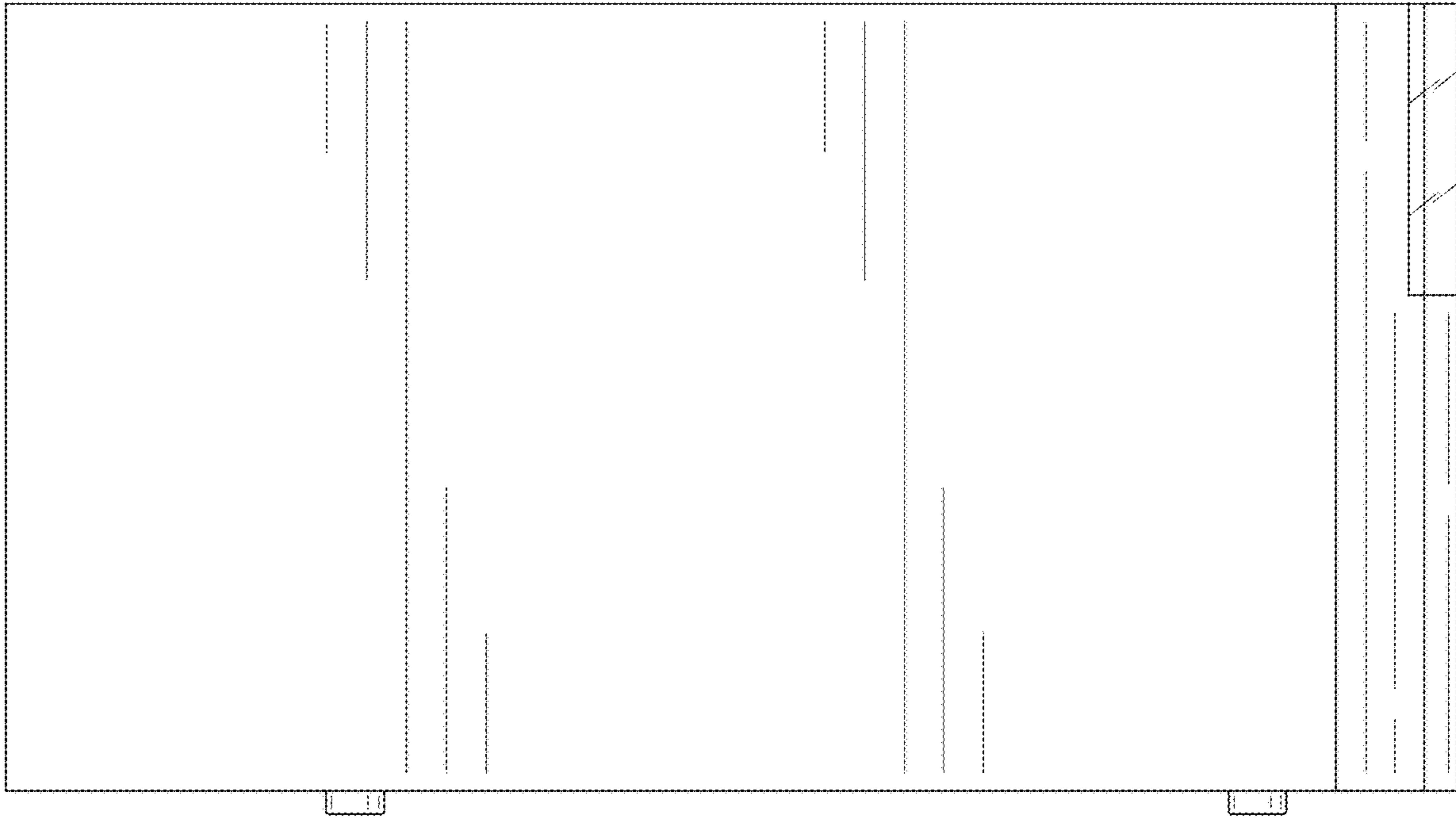


FIG. 4

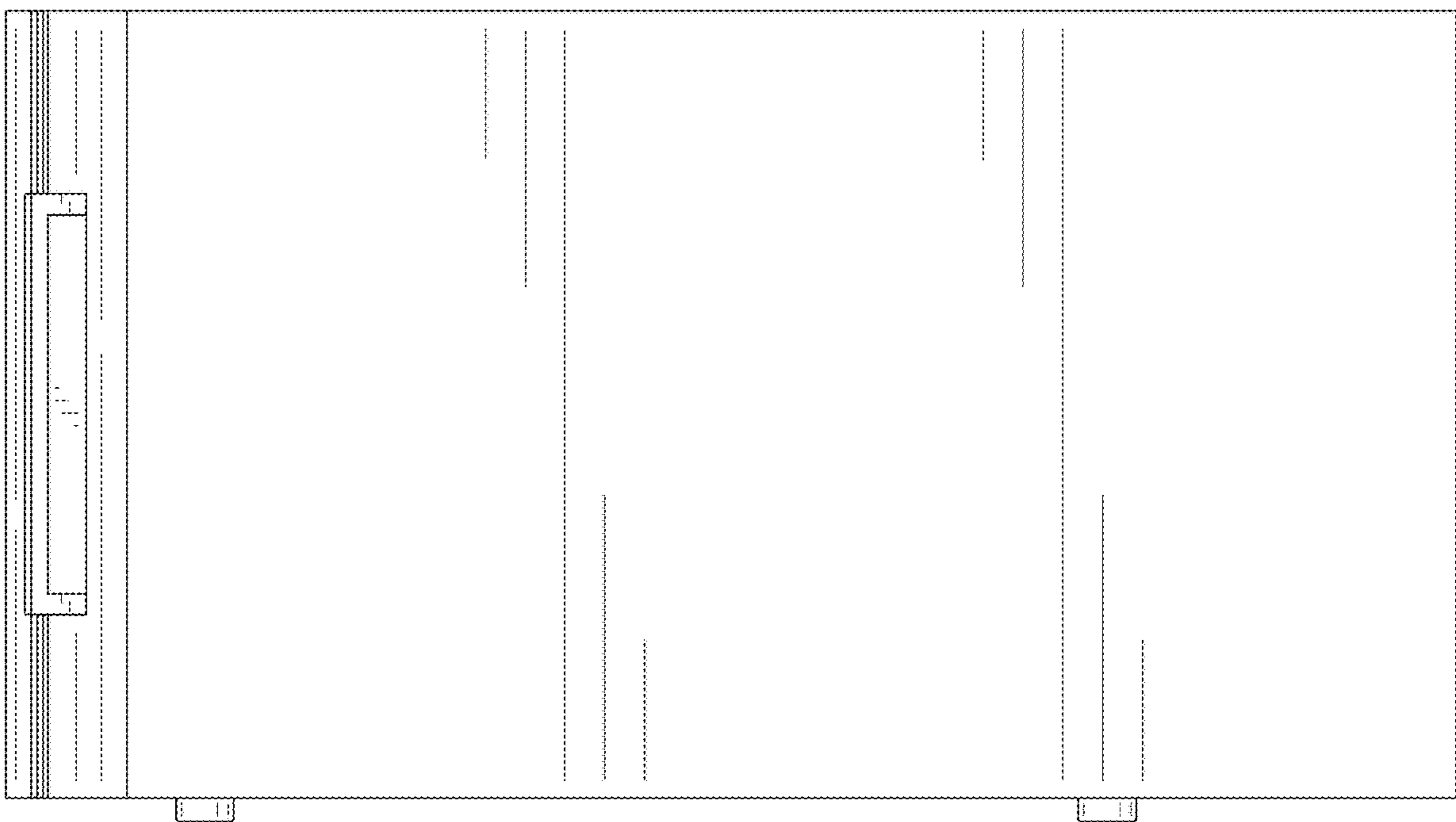


FIG. 5

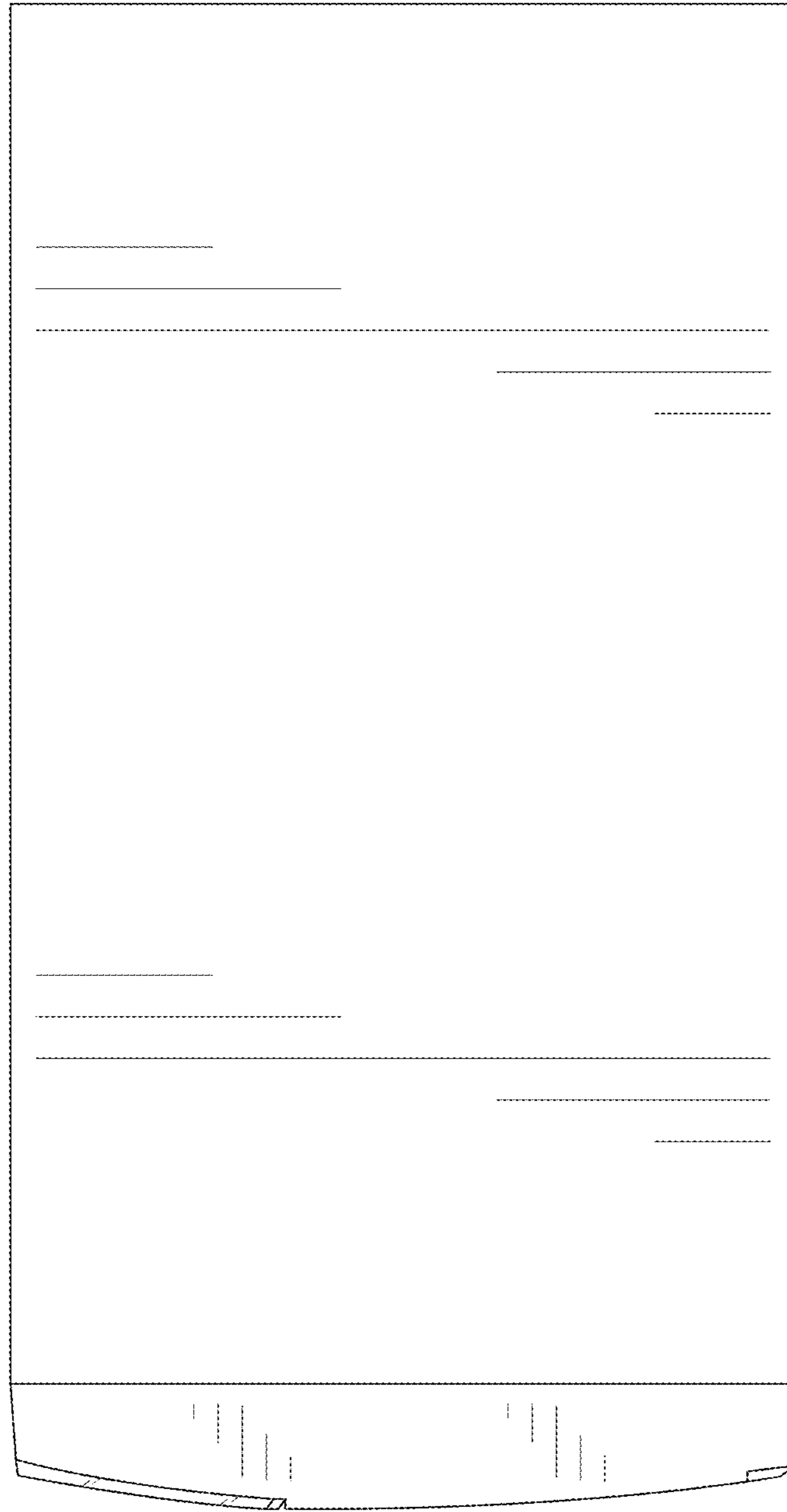


FIG. 6

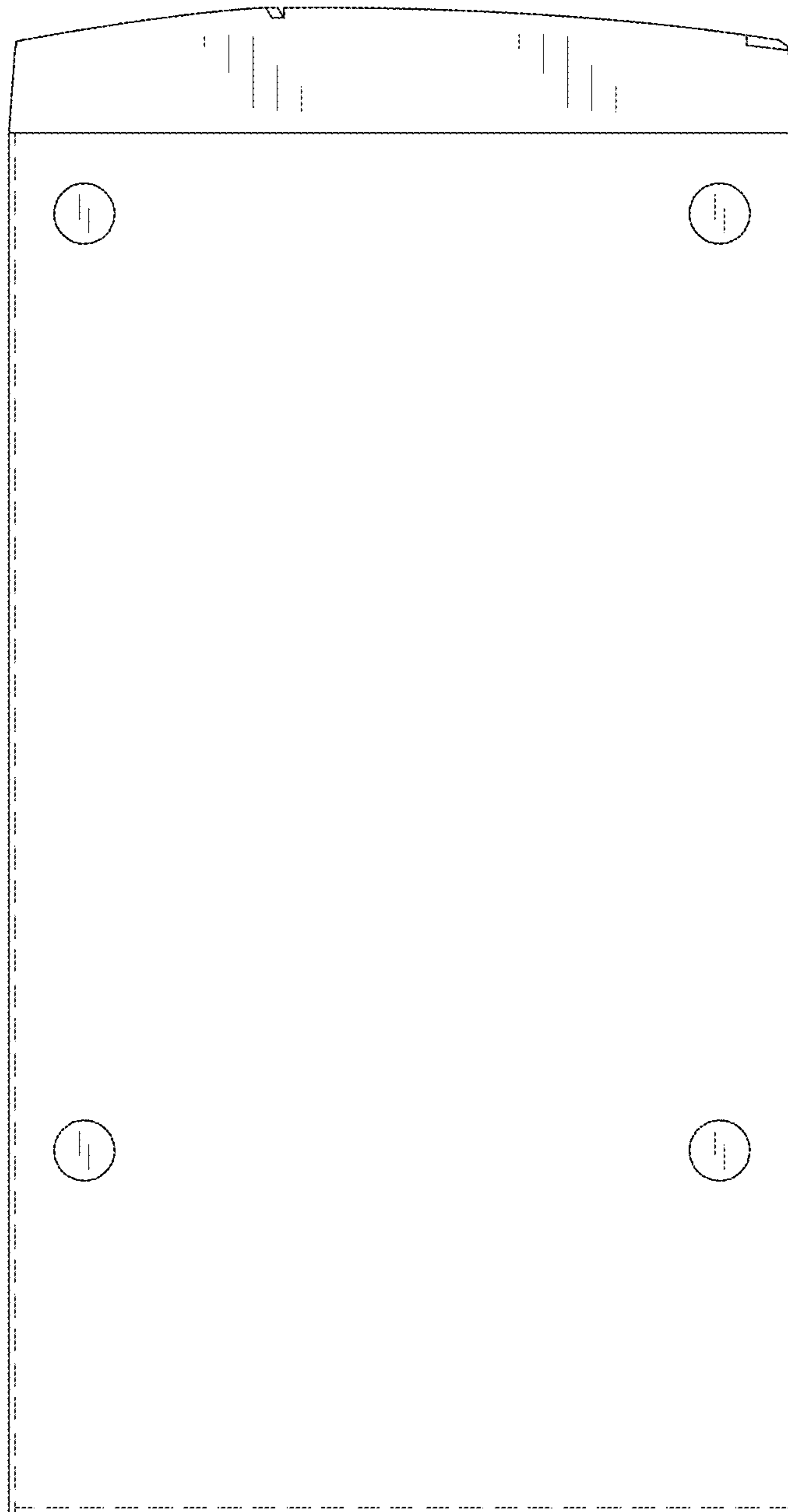


FIG. 7

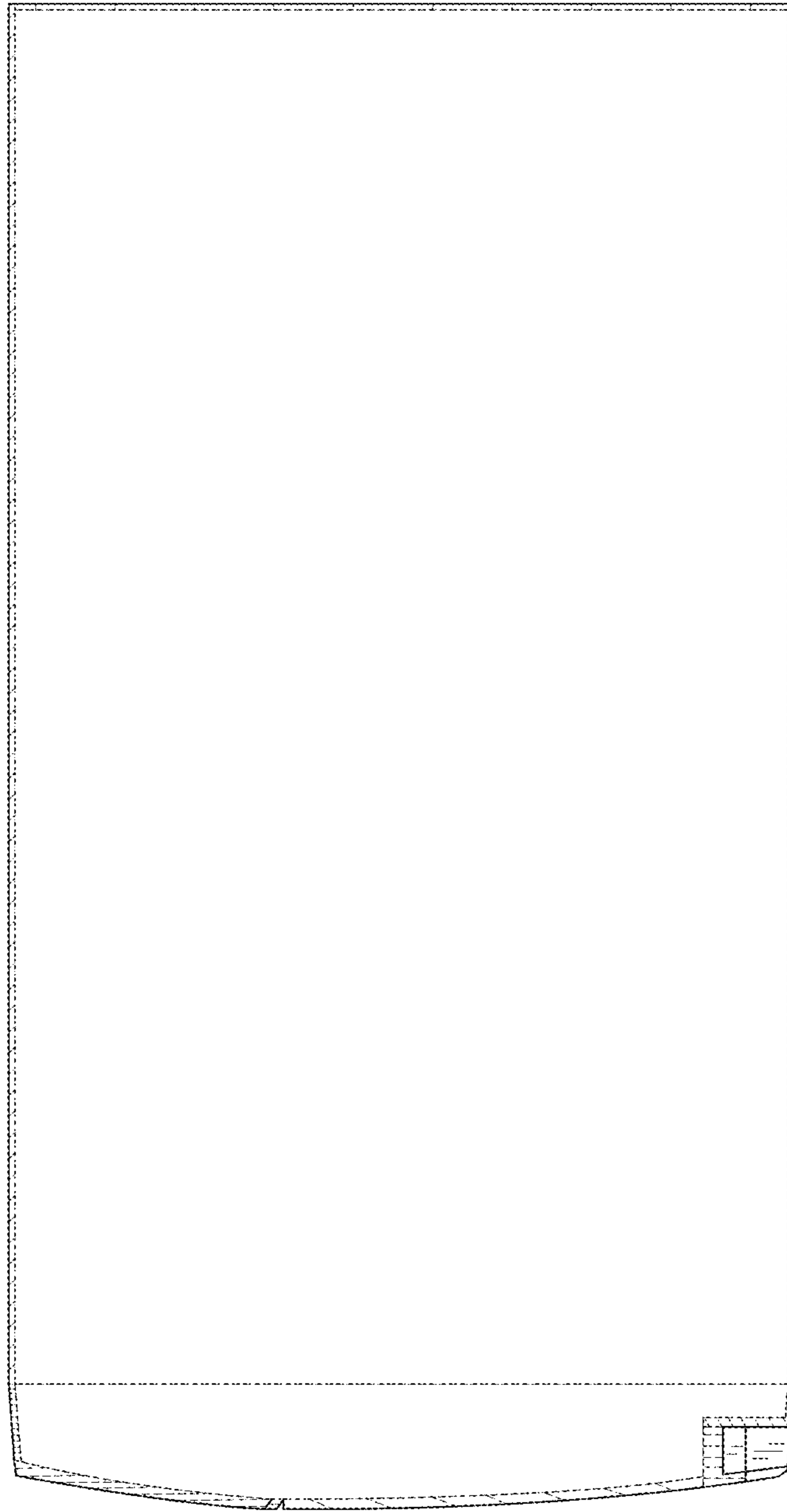


FIG. 8

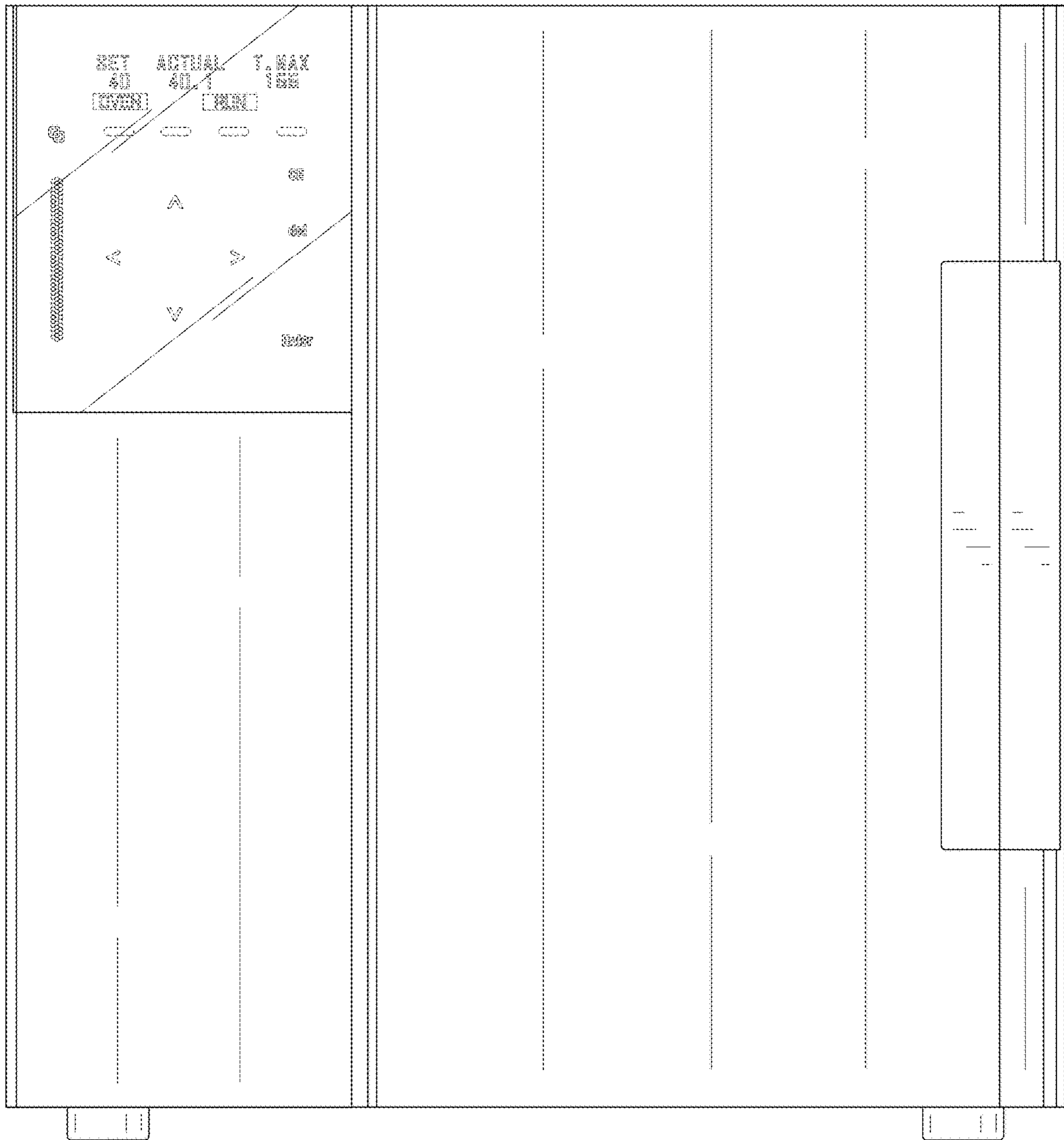


FIG. 9