

US00D945893S

(12) **United States Design Patent** (10) **Patent No.:** **US D945,893 S**  
**Zhong** (45) **Date of Patent:** **\*\* Mar. 15, 2022**

(54) **AUTOMATED OPTICAL INSPECTION DEVICE**

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

(21) Appl. No.: **29/725,577**

(22) Filed: **Feb. 26, 2020**

(51) **LOC (13) Cl.** ..... **10-05**

(52) **U.S. Cl.**  
USPC ..... **D10/75**

(58) **Field of Classification Search**  
USPC .... D10/75, 69, 56, 65, 81, 78, 60; D13/118,  
D13/110, 123; D14/307, 130; D16/130;  
307/11  
CPC ..... G01S 7/4817; G01S 7/4808; G01S 17/08;  
G01S 17/42; G01C 3/08; G01C 15/008;  
G01C 1/00; G01C 1/14; H05K 5/00;  
H05K 5/02; H05K 5/0247; H05K 7/00;  
H05K 7/20; H05K 7/20136; H05K  
7/20154; H05K 7/209; H02M 7/00;  
H02M 7/003; H02M 2001/009; H02J  
7/0042; Y10T 307/367

See application file for complete search history.

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(57) **CLAIM**

The ornamental design for an “automated optical inspection device”, as shown and described.

**DESCRIPTION**

FIG. 1 is a front, top, right side perspective view of an automated optical inspection device showing my new design;

FIG. 2 is a front elevational view thereof;

FIG. 3 is a rear elevational view thereof;

FIG. 4 is a left side elevational view thereof;

FIG. 5 is a right side elevational view thereof;

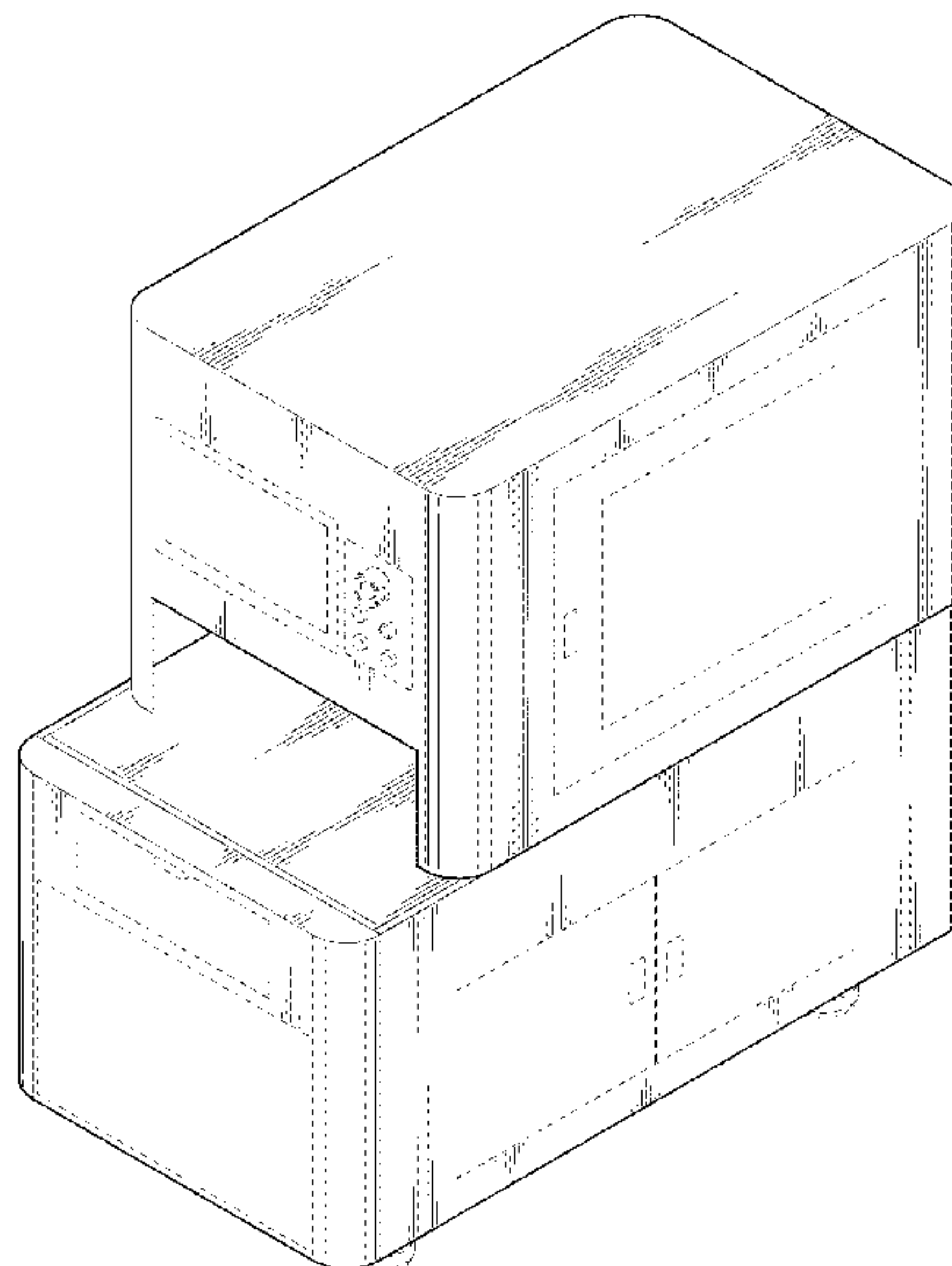
FIG. 6 is a top plan view thereof;

FIG. 7 is a bottom plan view thereof; and,

FIG. 8 is a rear, bottom, left side perspective view thereof.

The broken lines depict portions of the automated optical inspection device in which the design is embodied that forms no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



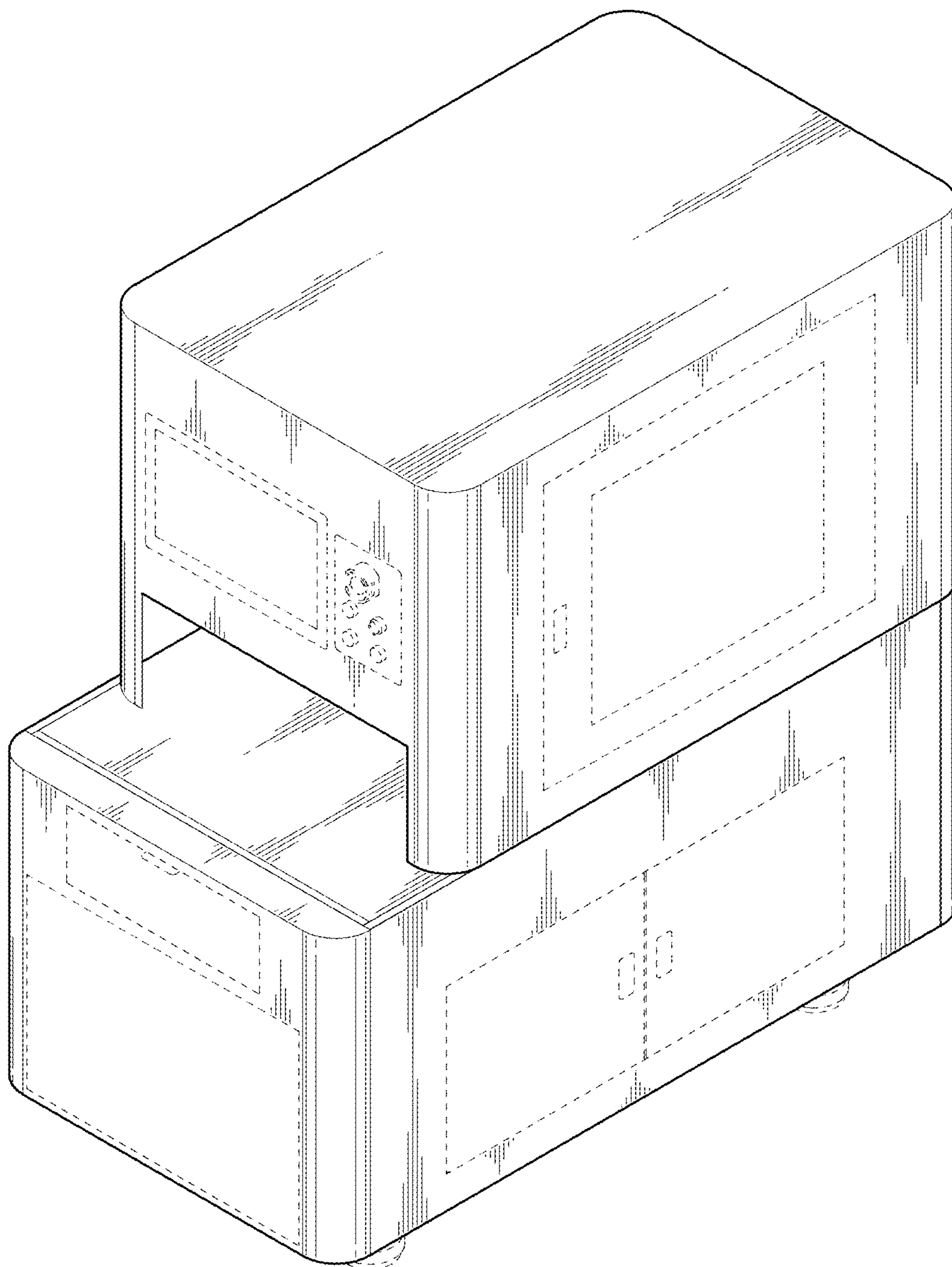


FIG. 1

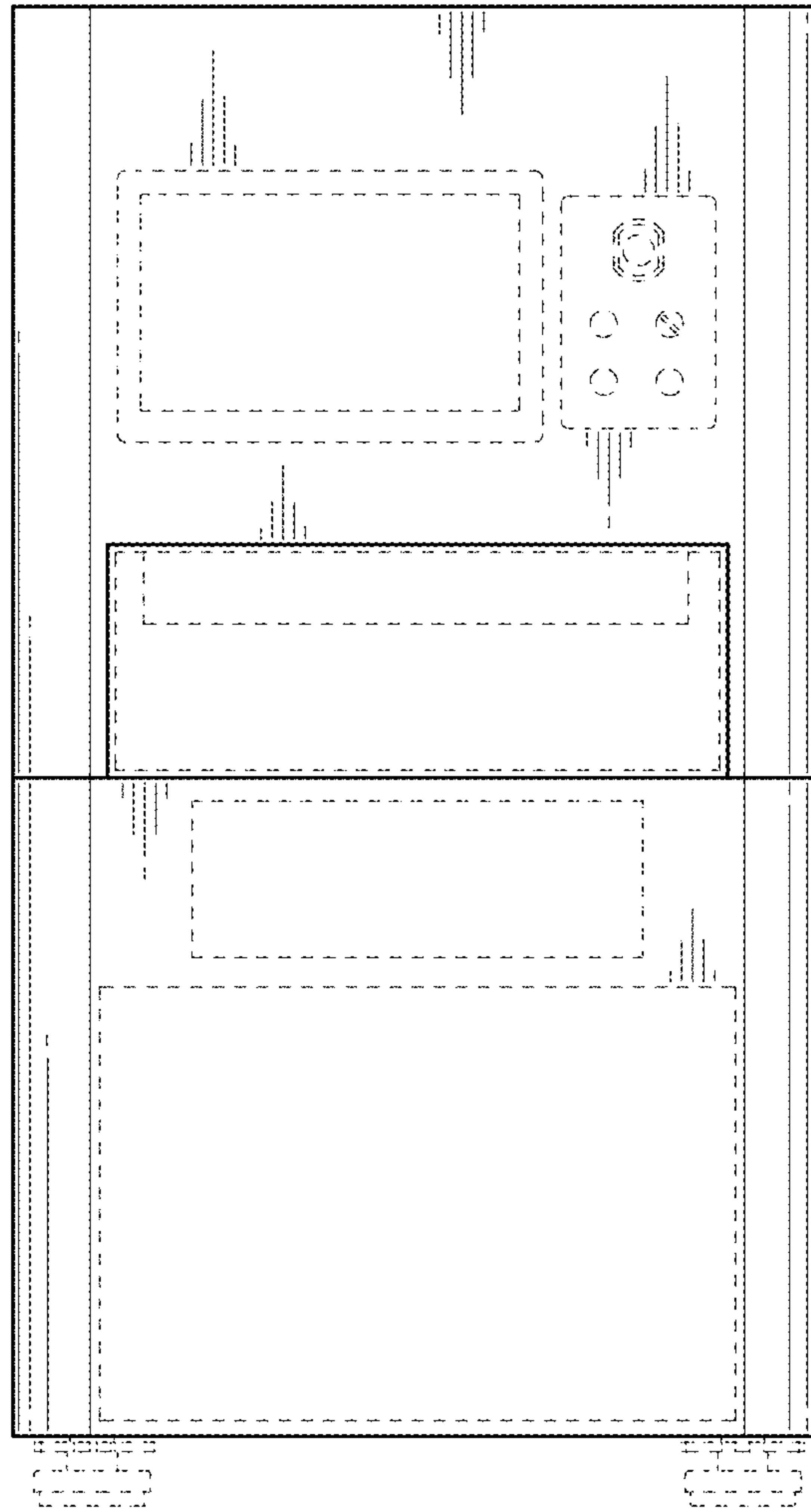


FIG. 2

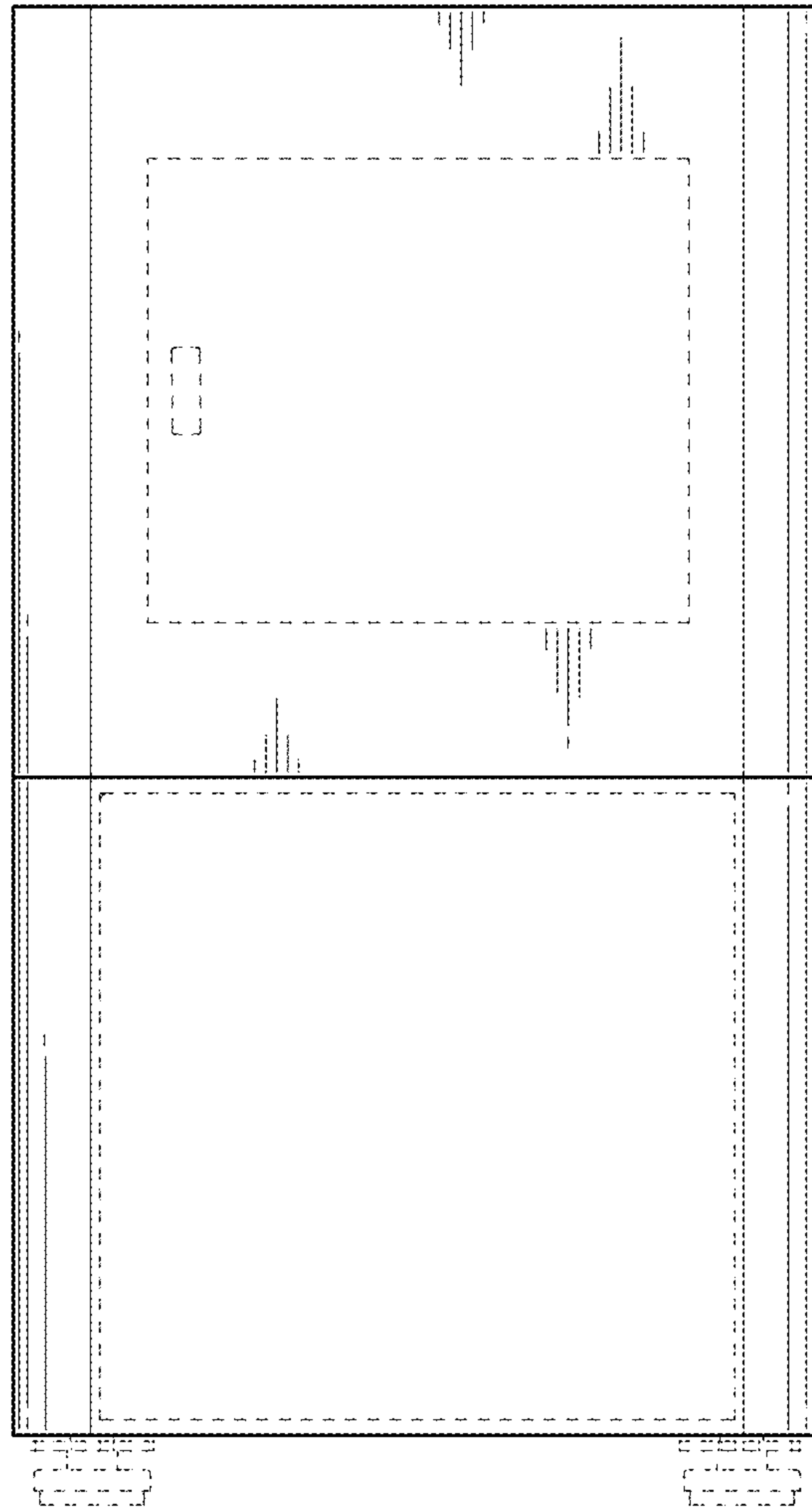


FIG. 3

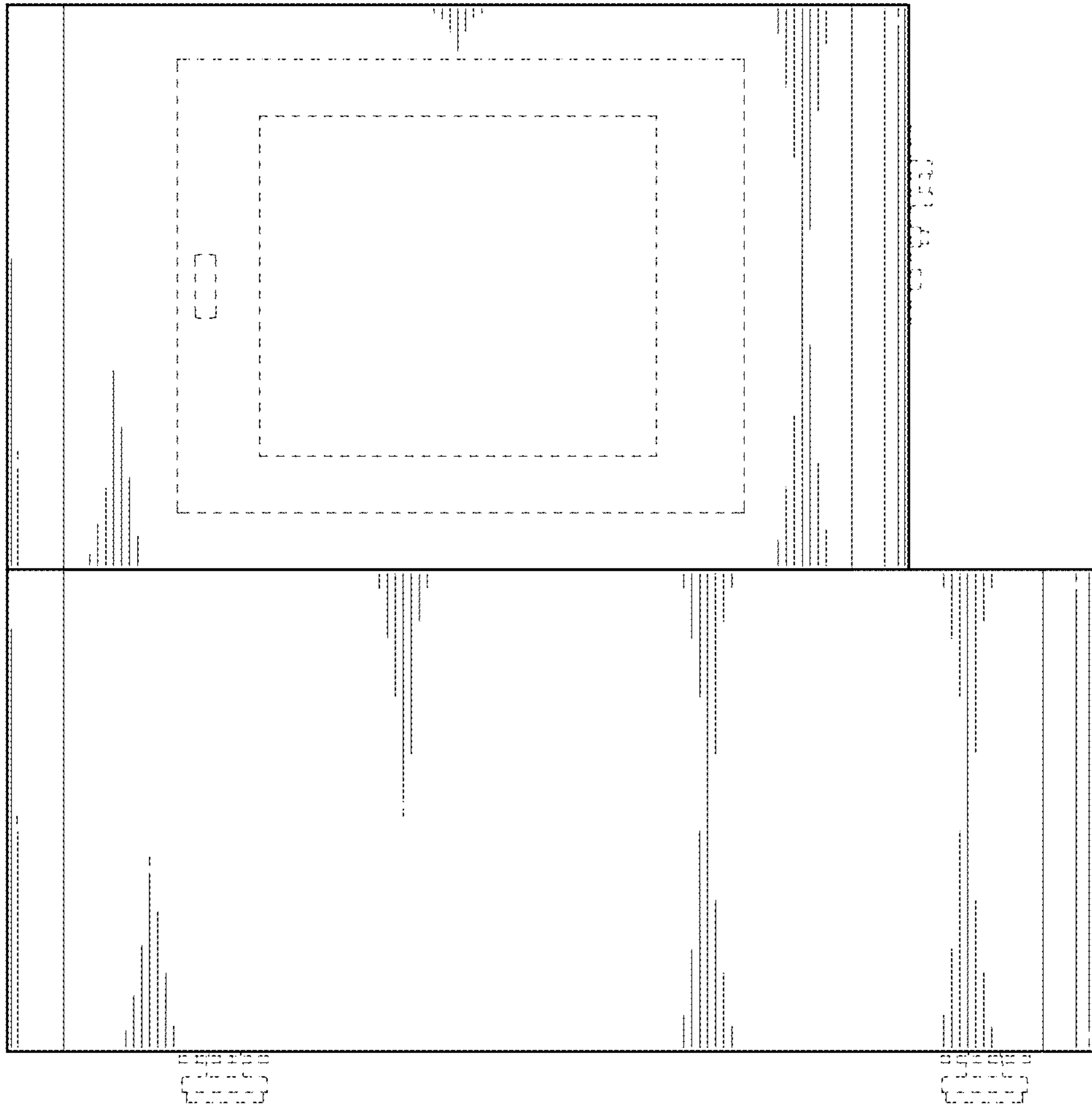


FIG. 4

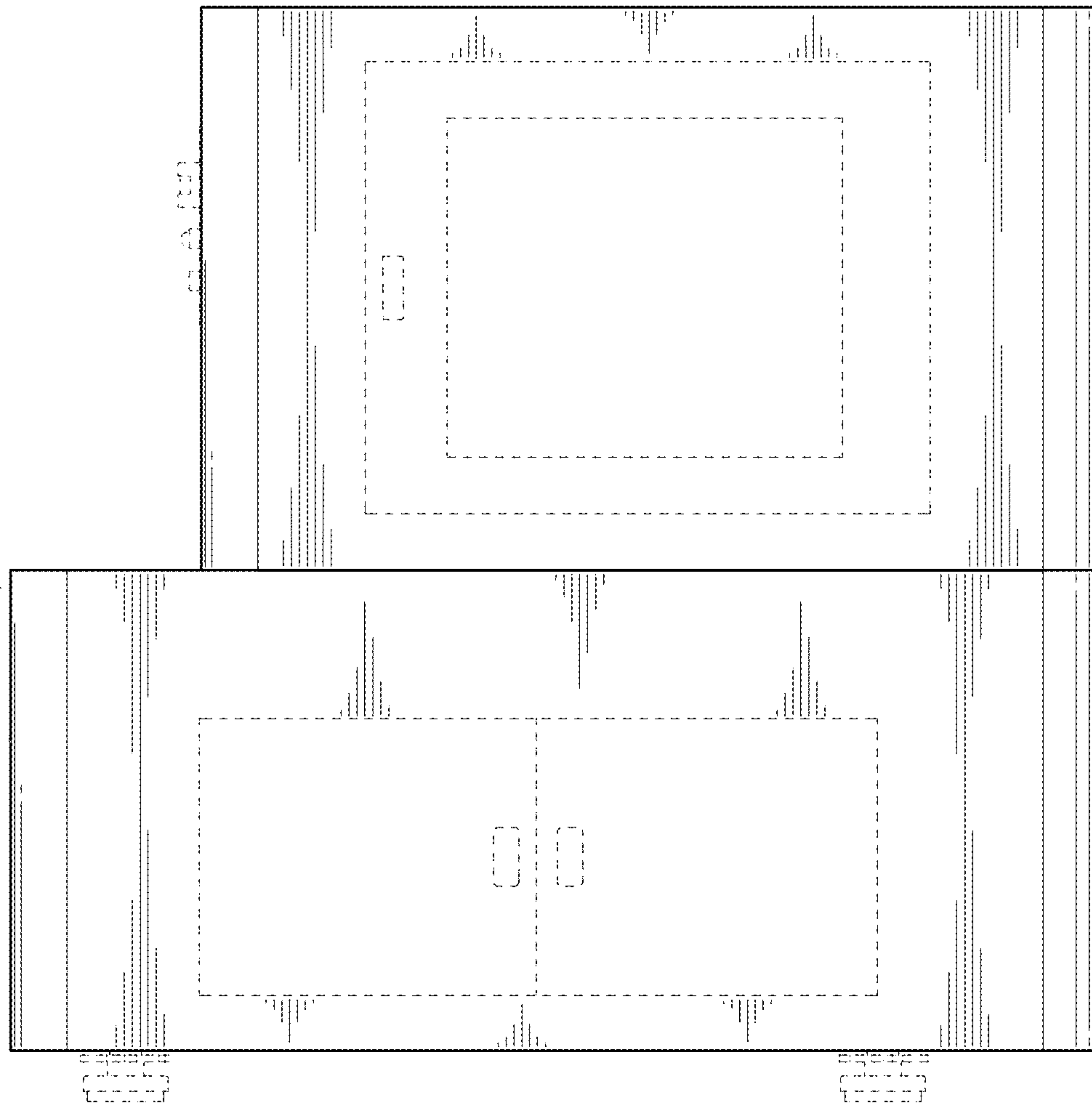


FIG. 5



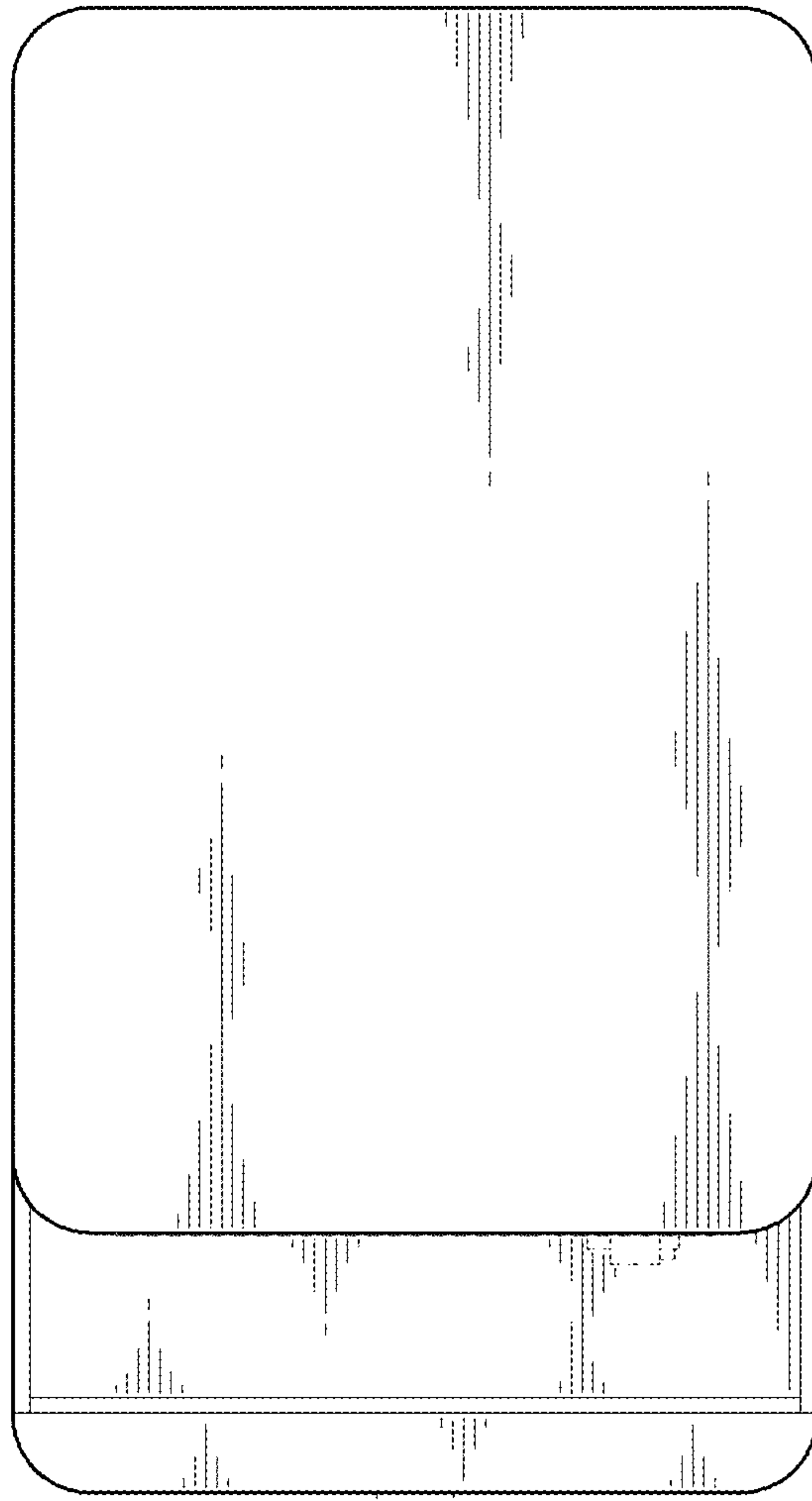


FIG. 6

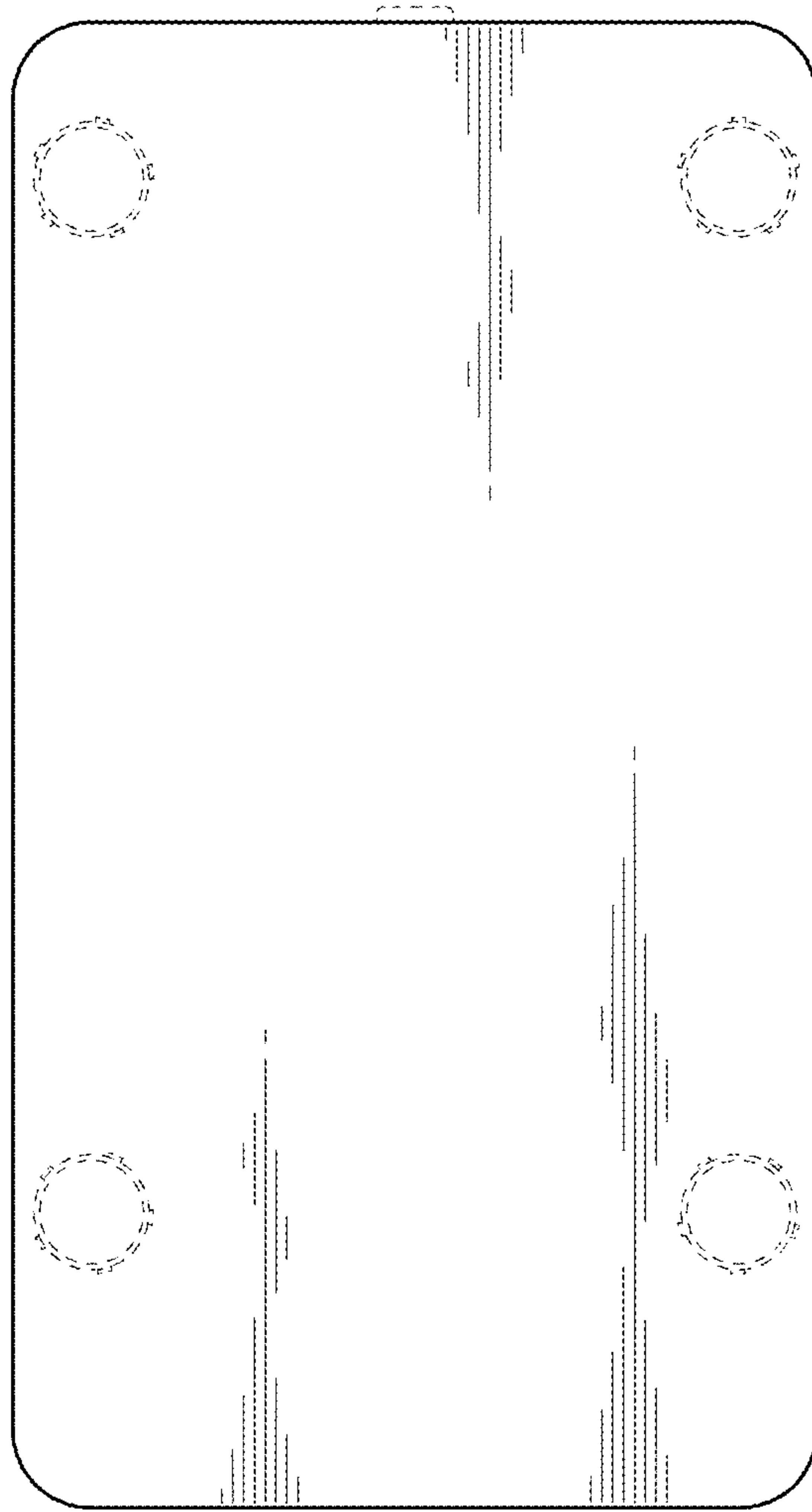


FIG. 7



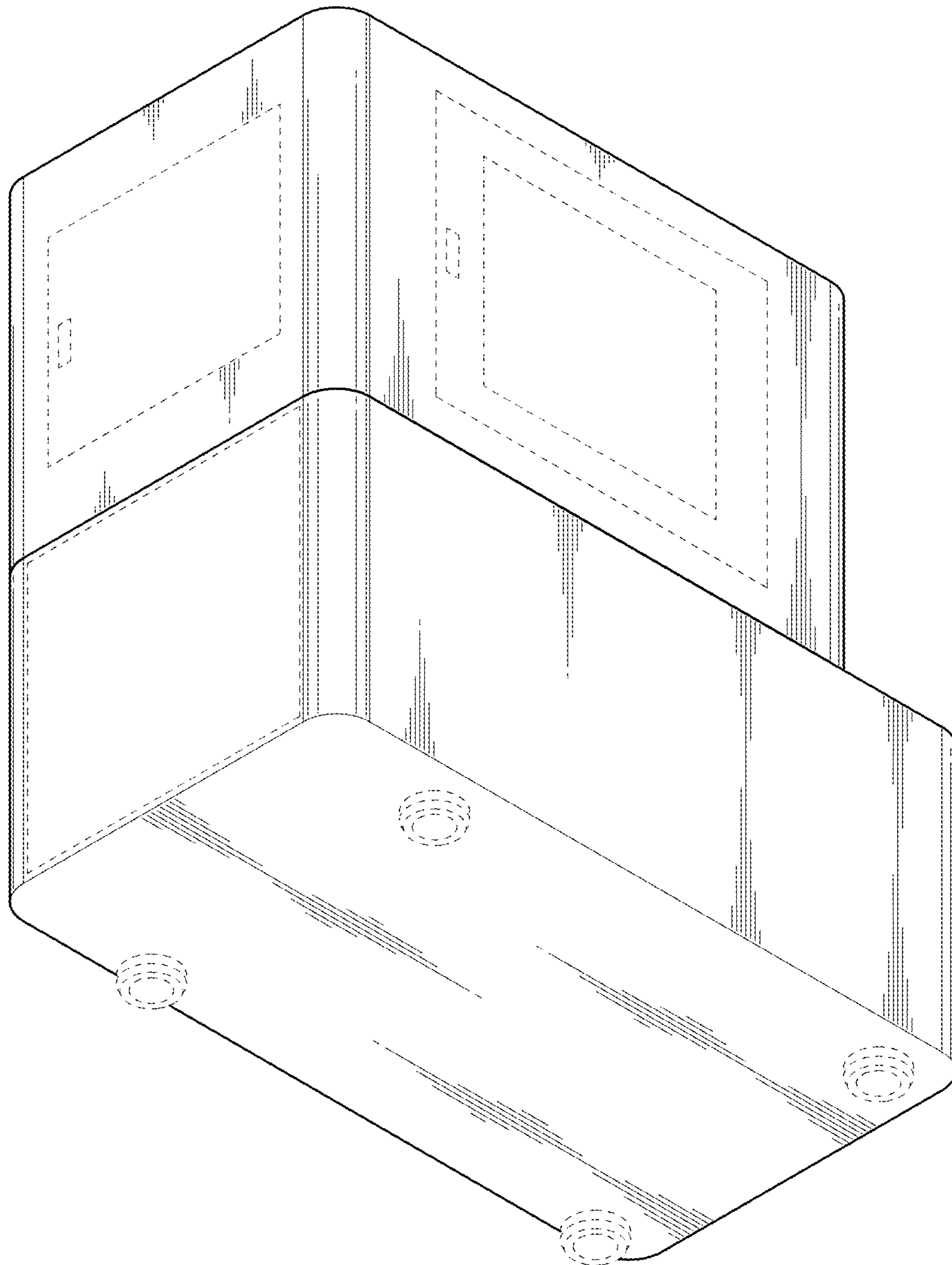


FIG. 8