



US00D675160S

(12) **United States Design Patent**  
**Tanaka et al.**

(10) **Patent No.:** **US D675,160 S**  
(45) **Date of Patent:** **\*\* Jan. 29, 2013**

(54) **CONTROLLER FOR BATTERY**  
(75) Inventors: **Yosuke Tanaka**, Kobe (JP); **Katsuyuki Tomonaga**, Osaka (JP)  
(73) Assignee: **SANYO Electric Co., Ltd.**, Moriguchi-shi, Osaka (JP)

D465,456 S \* 11/2002 Lee ..... D13/123  
D467,227 S \* 12/2002 Lee ..... D13/123  
D495,330 S \* 8/2004 Kanatani et al. .... D14/356  
D509,185 S \* 9/2005 Suckle et al. .... D13/110  
D535,944 S \* 1/2007 Albano et al. .... D13/110  
D648,676 S \* 11/2011 Brookshire et al. .... D13/110

(\*\*) Term: **14 Years**

FOREIGN PATENT DOCUMENTS  
JP 1373175 S 11/2009  
JP 1410632 S 4/2011

(21) Appl. No.: **29/414,017**

\* cited by examiner

(22) Filed: **Feb. 23, 2012**

*Primary Examiner* — Freda S Nunn

(30) **Foreign Application Priority Data**

(74) *Attorney, Agent, or Firm* — Westerman, Hattori, Daniels & Adrian, LLP

Sep. 16, 2011 (JP) ..... 2011-021269

(51) **LOC (9) Cl.** ..... **13-02**

(57) **CLAIM**

(52) **U.S. Cl.** ..... **D13/123**; D13/110; D14/313

The ornamental design for a controller for battery, as shown and described.

(58) **Field of Classification Search** ..... D14/240,  
D14/300, 308, 313, 348–356, 364–368; D13/107,  
D13/110, 123, 124, 133, 162, 184, 199;  
312/223.1–223.3, 351.11; 360/99.01–99.12;  
369/34.01–36.01; 361/679.31–679.33, 679.37,  
361/679.39, 679.46, 679.53, 679.4, 679.41,  
361/727

**DESCRIPTION**

See application file for complete search history.

FIG. 1 is a right front perspective view of a controller for battery, showing our new design;  
FIG. 2 is a left rear perspective view thereof;  
FIG. 3 is a front elevational view thereof;  
FIG. 4 is a rear elevational view thereof;  
FIG. 5 is a top plan view thereof;  
FIG. 6 is a bottom plan view thereof;  
FIG. 7 is a right side elevational view thereof; and,  
FIG. 8 is a left side elevational view thereof.

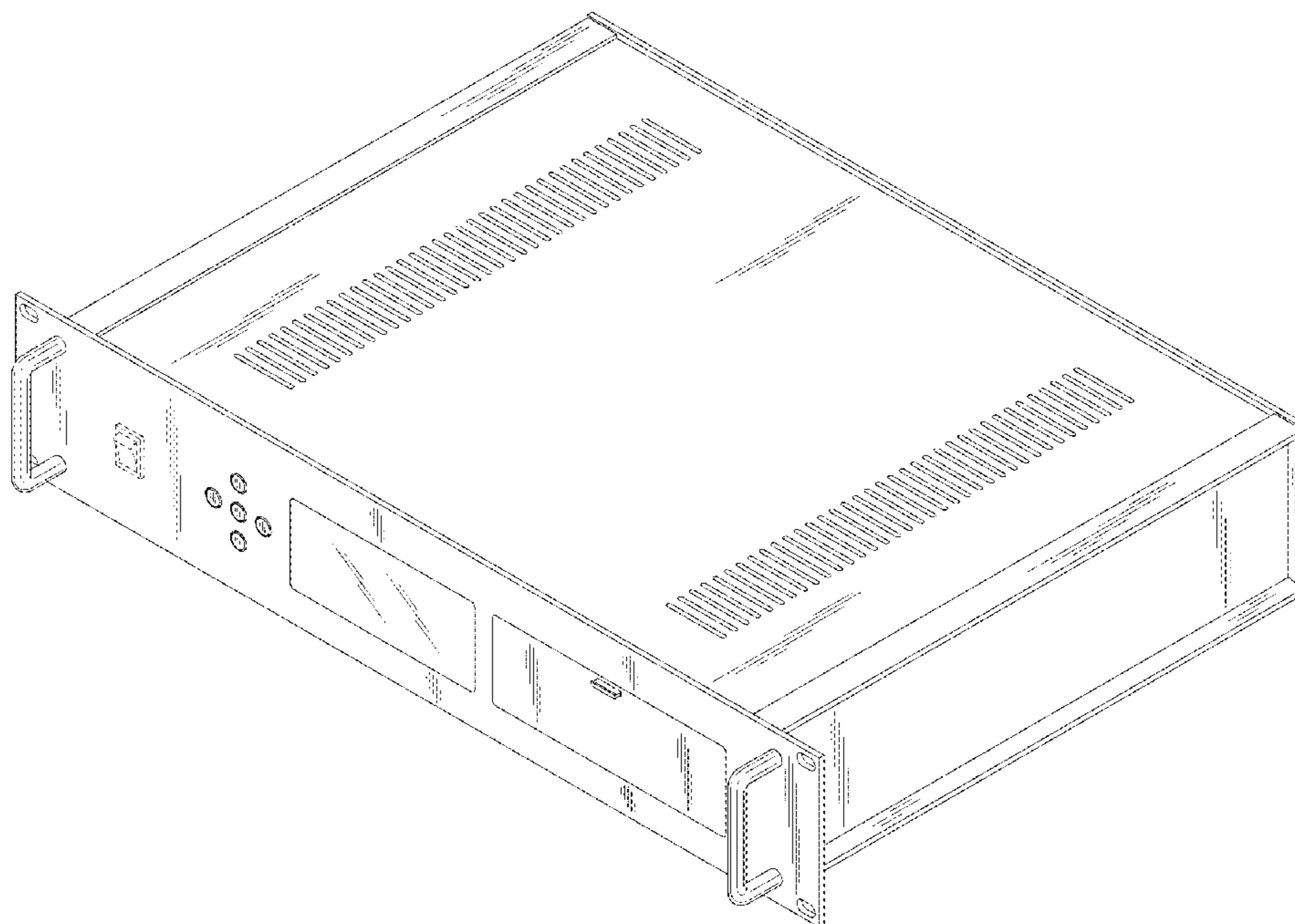
(56) **References Cited**

The broken lines illustrate environmental structure only and form no part of the claimed design.

U.S. PATENT DOCUMENTS

D263,395 S \* 3/1982 Karas et al. .... D14/313  
5,649,839 A \* 7/1997 Yu ..... 439/650  
6,088,224 A \* 7/2000 Gallagher et al. .... 361/695  
D452,475 S \* 12/2001 Reynolds ..... D13/110  
D464,617 S \* 10/2002 Reynolds ..... D13/110

**1 Claim, 8 Drawing Sheets**



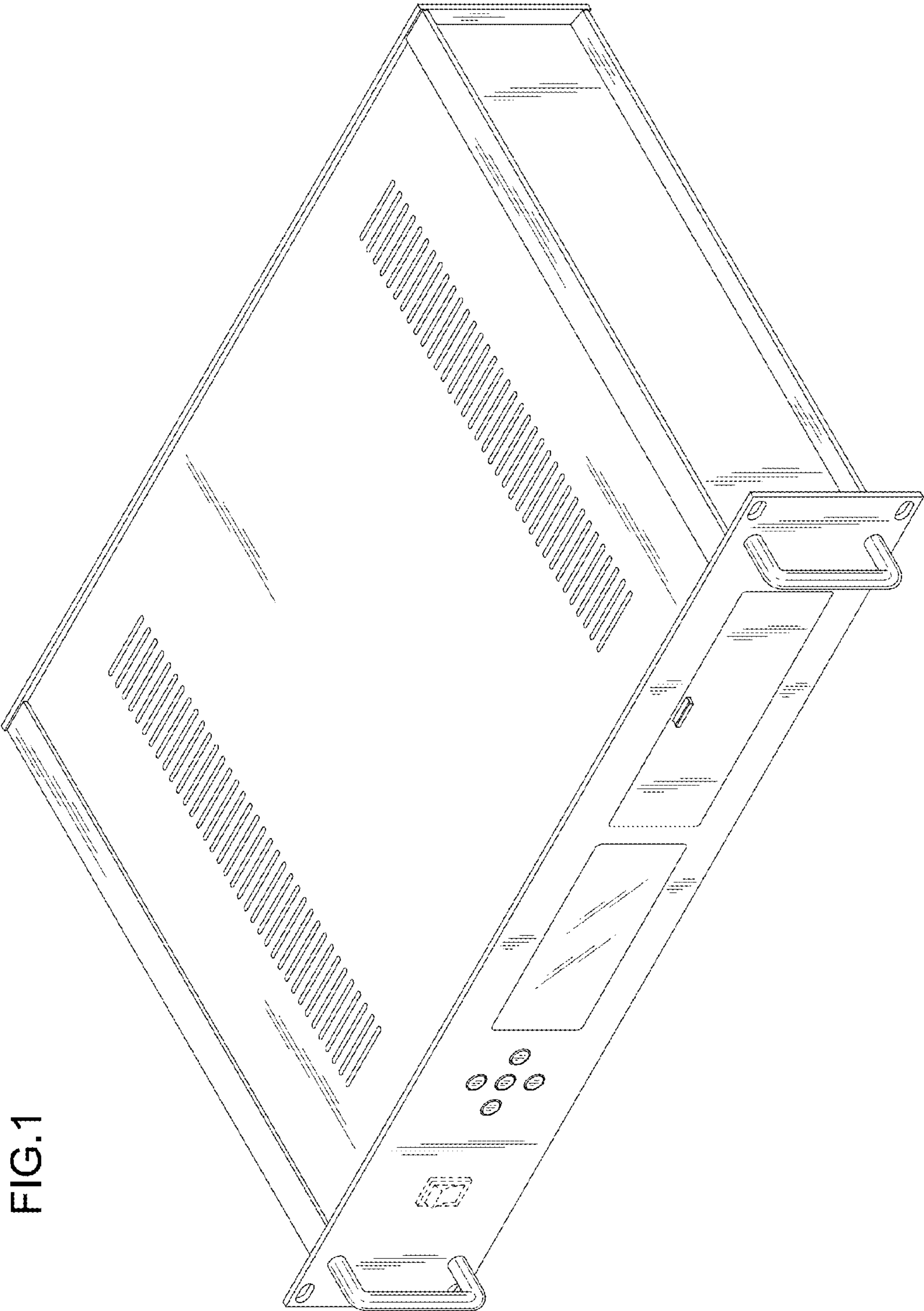


FIG.1

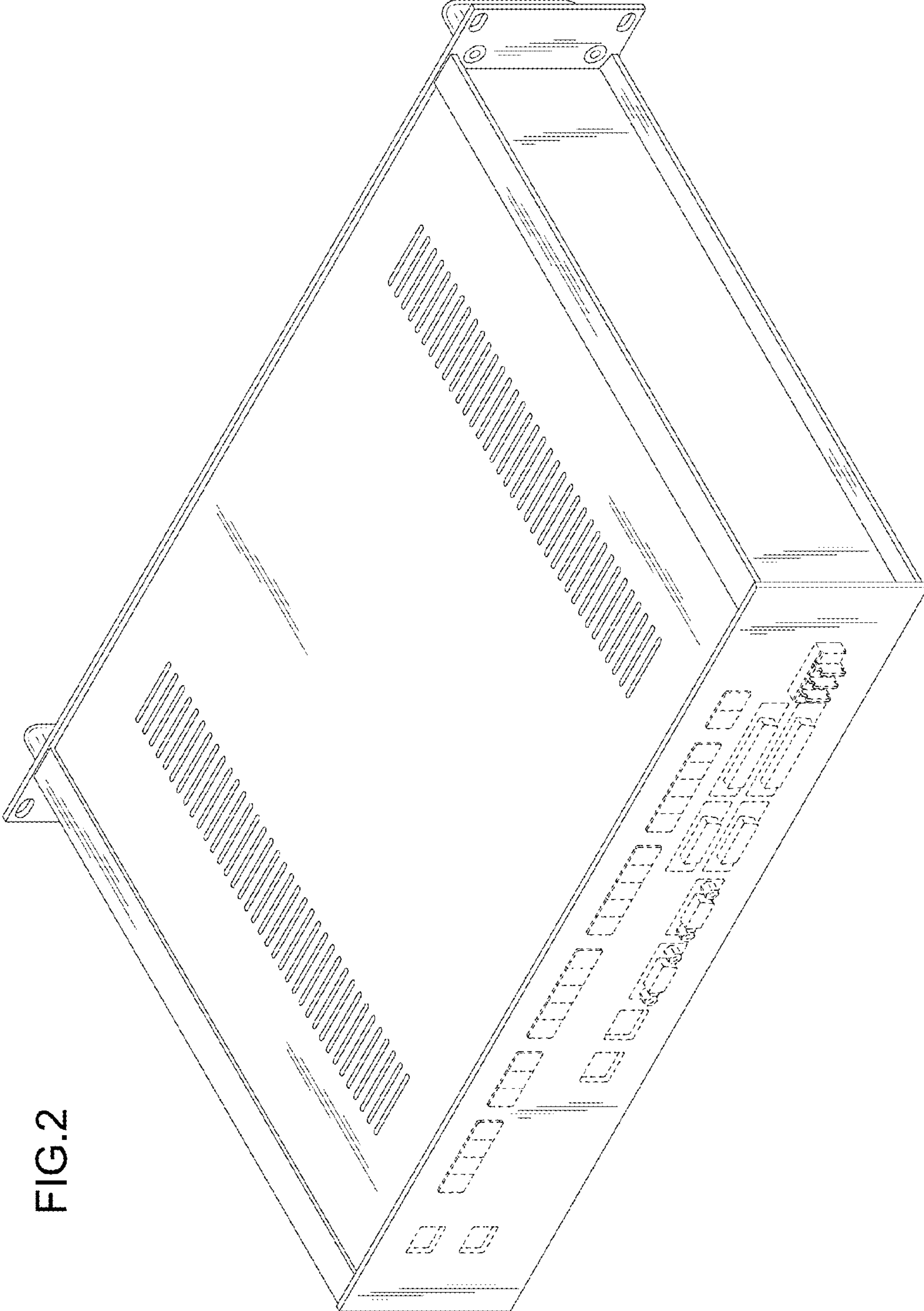


FIG.2

FIG.3

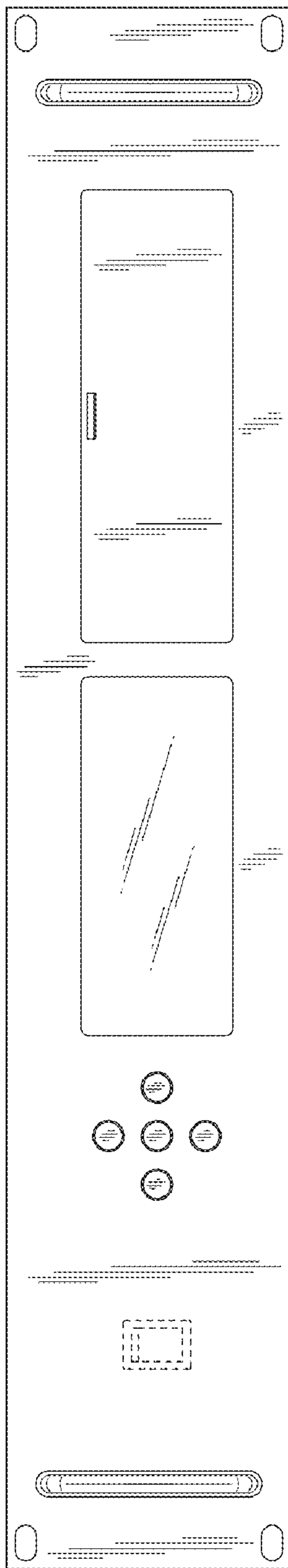


FIG.4

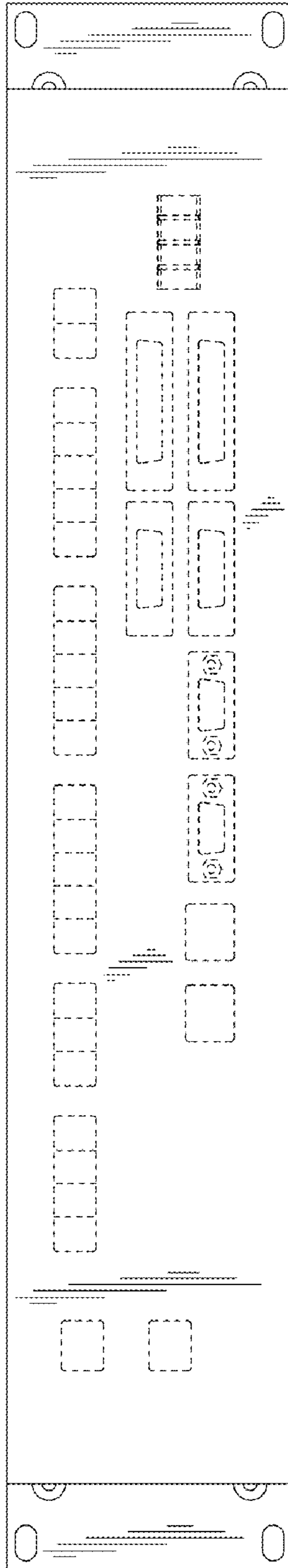


FIG. 5

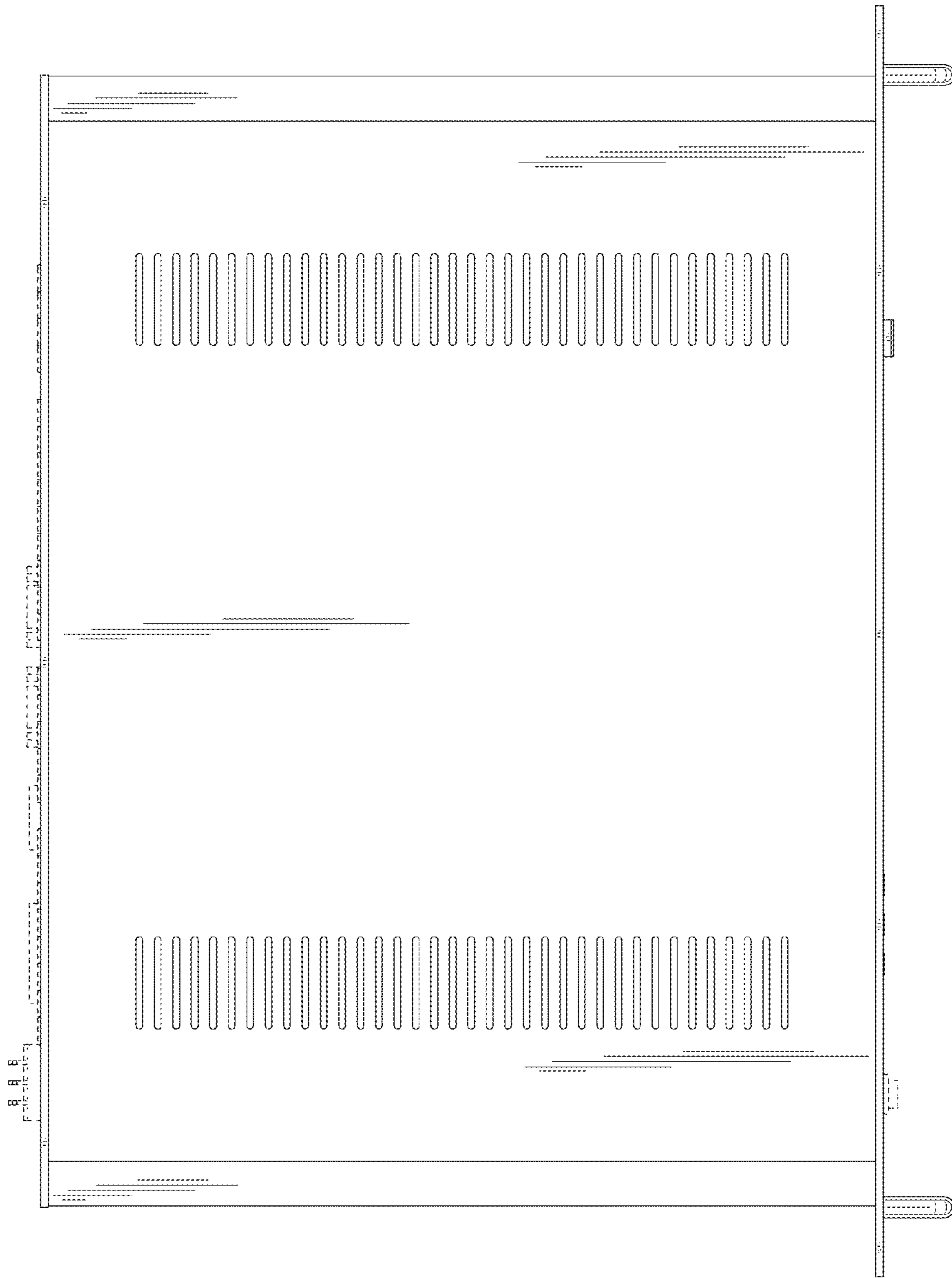


FIG.6

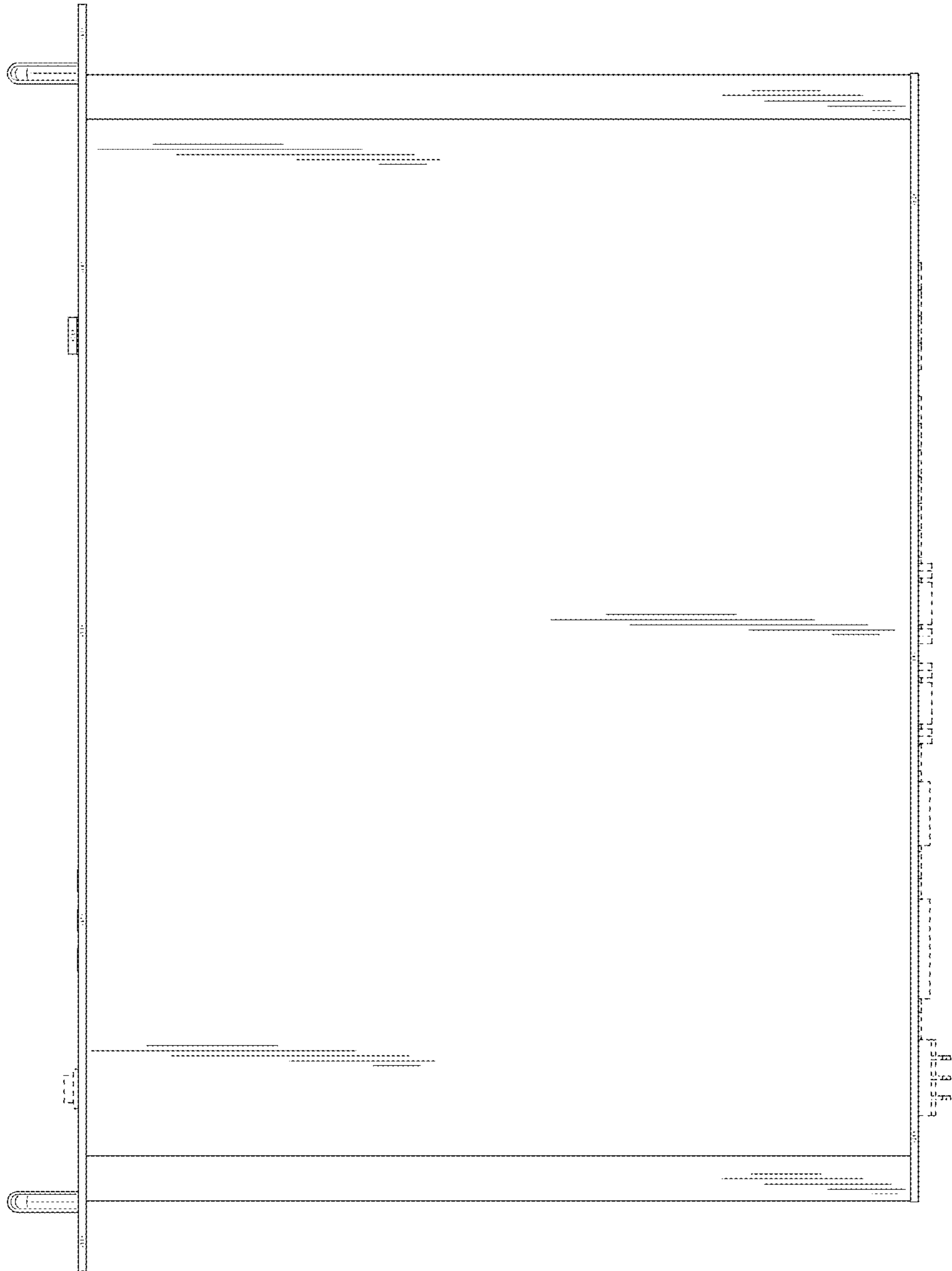


FIG. 7

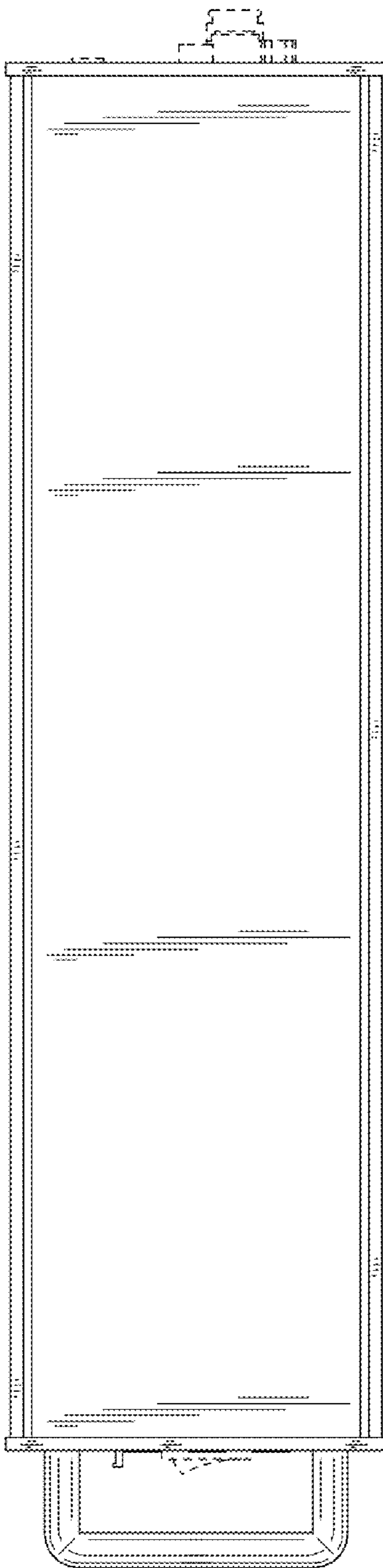




FIG. 8

