



US00D760611S

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

(10) **Patent No.:** **US D760,611 S**  
(45) **Date of Patent:** **\*\* Jul. 5, 2016**

(54) **CONTROL PANEL**

(71) Applicant: **Kone Corporation**, Helsinki (FI)  
(72) Inventors: **Aapo Saari**, Espoo (FI); **Tomi Kapiainen**, Helsinki (FI); **Kim Heikkinen**, Helsinki (FI); **Jussi Laurila**, Helsinki (FI); **Niklas Löfberg**, Sipoo (FI); **Visa Rauta**, Hyvinkää (FI); **Klaus Mäkelä**, Hyvinkää (FI); **Jussi Hitunen**, Helsinki (FI); **Tommi Salonen**, Helsinki (FI); **Kim Bergman**, Helsinki (FI); **Jarmo Parkkinen**, Espoo (FI)

(73) Assignee: **Kone Corporation**, Helsinki (FI)

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

(21) Appl. No.: **29/475,702**

(22) Filed: **Dec. 5, 2013**

(30) **Foreign Application Priority Data**

Jun. 5, 2013 (EM) ..... 002249565-0001  
Jun. 5, 2013 (EM) ..... 002249573-0001  
Jun. 5, 2013 (EM) ..... 002249599-0001

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

(52) **U.S. Cl.**  
USPC ..... **D10/108**

(58) **Field of Classification Search**

USPC ..... D26/9, 10, 12, 13, 15, 16, 24, 51, 61,  
D26/72, 76, 80, 81, 85, 86, 88, 90, 113, 118,  
D26/119, 120, 122, 128, 129, 138, 143,  
D26/144; D13/180; D10/93, 108, 114  
CPC ..... B60Q 1/04; B60Q 1/26; F21S 8/026;  
F21S 8/04; F21V 29/004; F21V 21/02;  
F21V 21/04; F21V 29/2212; F21Y 2101/02  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

3,910,159 A \* 10/1975 Gladwin ..... 409/199  
4,461,279 A \* 7/1984 Gaden ..... 126/661

(Continued)

**OTHER PUBLICATIONS**

Kone Corporation control panel, image post date rch 7, 2014, site visited Apr. 30, 2015, (online), <<http://www.kone.com/en/press/press/kone-receives-two-if-product-design-awards-2014-03-07.aspx>>.\*

(Continued)

*Primary Examiner* — Kevin Rudzinski

*Assistant Examiner* — Sean D Lough

(74) *Attorney, Agent, or Firm* — Clinton H. Wilkinson;  
Charles A. Wilkinson

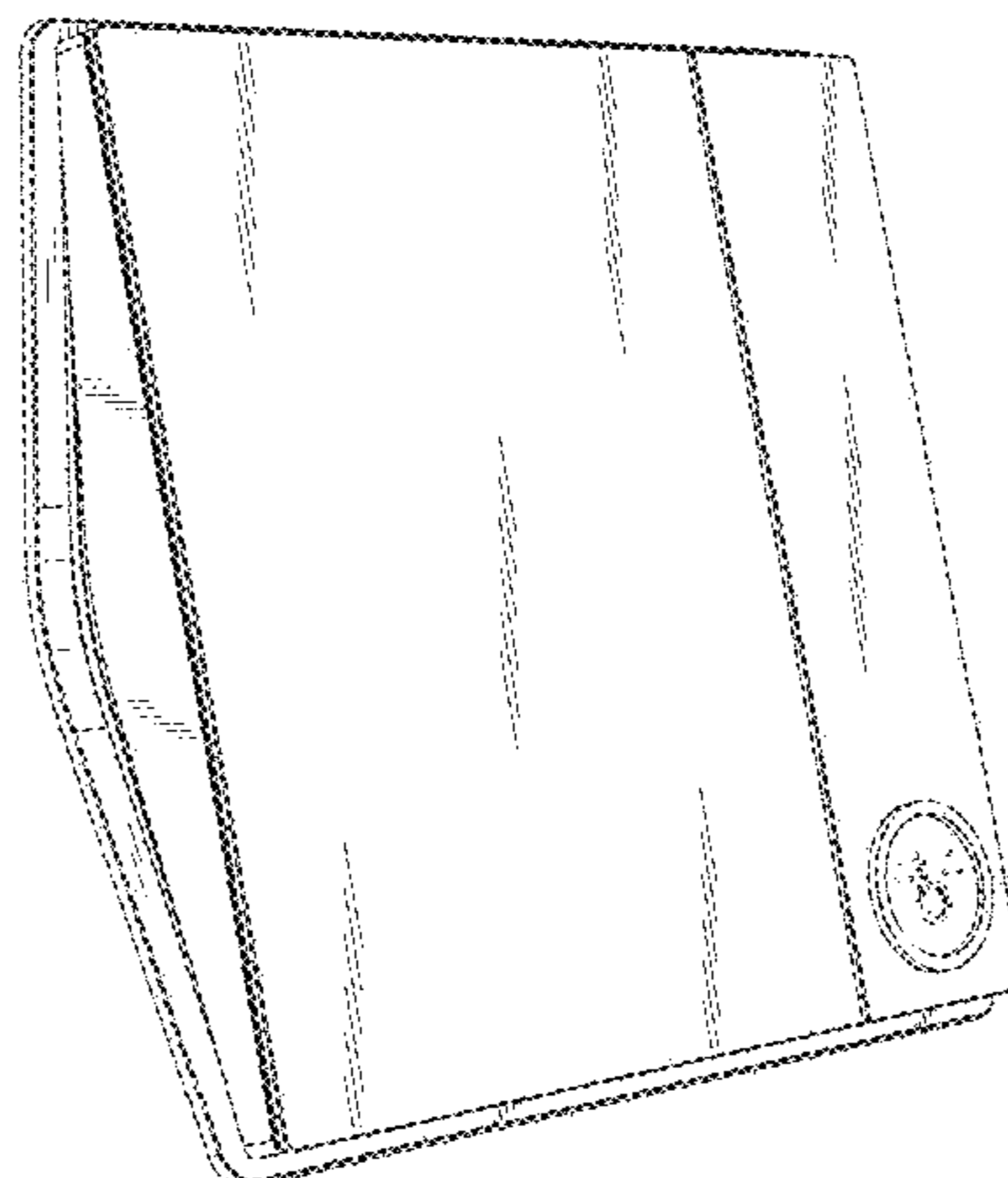
(57) **CLAIM**

The ornamental design for a control panel, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of the first embodiment of a control panel showing our new design; FIG. 2 is a front elevation view thereof; FIG. 3 is a back elevation 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 perspective view of the second embodiment of our control panel; FIG. 9 is a front elevation view thereof; FIG. 10 is a rear elevation view thereof; FIG. 11 is a left side view thereof; FIG. 12 is a right side view thereof; FIG. 13 is a top view thereof; FIG. 14 is a bottom view thereof; FIG. 15 is a perspective view of the third embodiment of our control panel; FIG. 16 is a top view thereof; FIG. 17 is a left side view thereof; and, FIG. 18 is a right side view thereof. The broken lines (where present) in all FIGS. illustrate portions of the control panel that form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

4,566,001 A \* 1/1986 Moore et al. .... 345/173  
 4,694,947 A \* 9/1987 Nineberg et al. .... 193/34  
 4,981,363 A \* 1/1991 Lipman ..... 362/503  
 D332,656 S \* 1/1993 Atkinson et al. .... D24/111  
 5,772,156 A \* 6/1998 Parikh et al. .... 244/209  
 D463,610 S \* 9/2002 Piepgras et al. .... D26/104  
 D465,235 S \* 11/2002 Heid ..... D17/99  
 6,768,085 B2 \* 7/2004 Faries et al. .... 219/494  
 7,004,891 B2 \* 2/2006 Morris et al. .... 482/101  
 D540,656 S \* 4/2007 Corbin ..... D8/353  
 D589,829 S \* 4/2009 Friedli ..... D10/108  
 7,976,240 B2 \* 7/2011 Mun ..... 405/114  
 D647,504 S \* 10/2011 Choi ..... D14/209.1  
 8,115,831 B2 \* 2/2012 Rodriguez et al. .... 348/240.3  
 8,171,625 B1 \* 5/2012 Veitch et al. .... 29/840  
 8,305,742 B2 \* 11/2012 Onnela et al. .... 361/679.02  
 8,323,482 B2 \* 12/2012 Peters et al. .... 210/90  
 8,487,738 B2 \* 7/2013 Faries et al. .... 340/5.2  
 D695,693 S \* 12/2013 Lee et al. .... D13/152  
 8,601,755 B2 \* 12/2013 Clarkson et al. .... 52/173.3  
 D698,274 S \* 1/2014 Saikawa et al. .... D10/108  
 D699,177 S \* 2/2014 Higashi ..... D13/103  
 D699,617 S \* 2/2014 Saikawa et al. .... D10/108

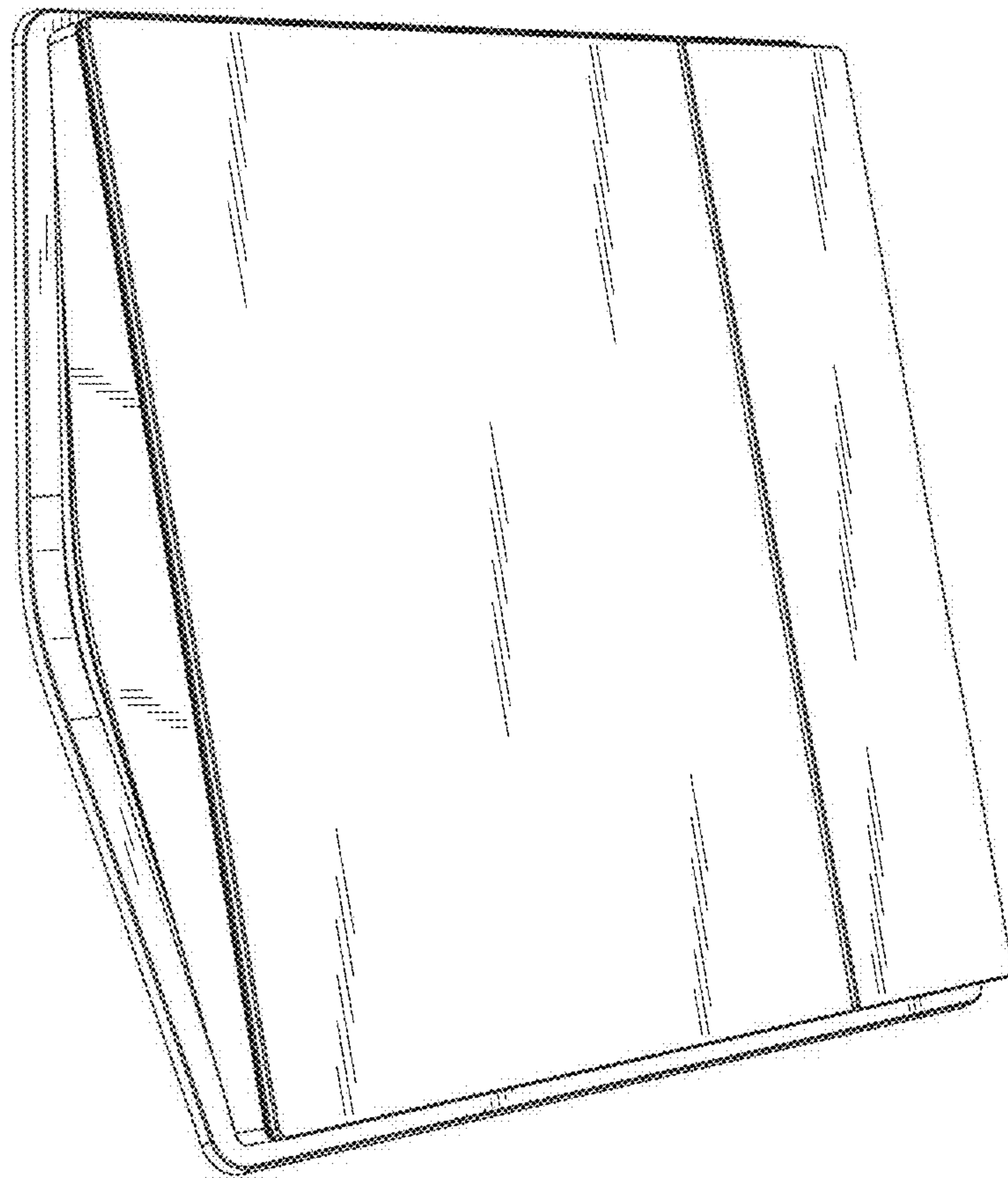
D700,533 S \* 3/2014 Saikawa et al. .... D10/108  
 RE44,845 E \* 4/2014 Oksman et al. .... 455/575.3  
 D702,579 S \* 4/2014 Lee et al. .... D10/108  
 D705,687 S \* 5/2014 Saikawa et al. .... D10/108  
 D705,689 S \* 5/2014 Saikawa et al. .... D10/108  
 D705,723 S \* 5/2014 Saikawa et al. .... D13/108  
 8,726,791 B2 \* 5/2014 Adamczak et al. .... 99/330  
 8,807,287 B2 \* 8/2014 Li ..... 187/395  
 8,869,899 B2 \* 10/2014 Caulfield et al. .... 166/339  
 D717,785 S \* 11/2014 Winston et al. .... D14/307  
 D721,661 S \* 1/2015 Lofberg et al. .... D13/174  
 D725,612 S \* 3/2015 Schlegel et al. .... D13/174  
 D725,647 S \* 3/2015 Williams ..... D14/307  
 9,016,627 B2 \* 4/2015 Margis et al. .... 244/118.6

OTHER PUBLICATIONS

Intuitive Touchscreen, image post date Nov. 20, 2013, site visited Apr. 30, 2015, (online), <<http://blog.kone.us/kone-launches-intuitive-touchscreen-operating-panel-for-destination-control-systems/>>.\*

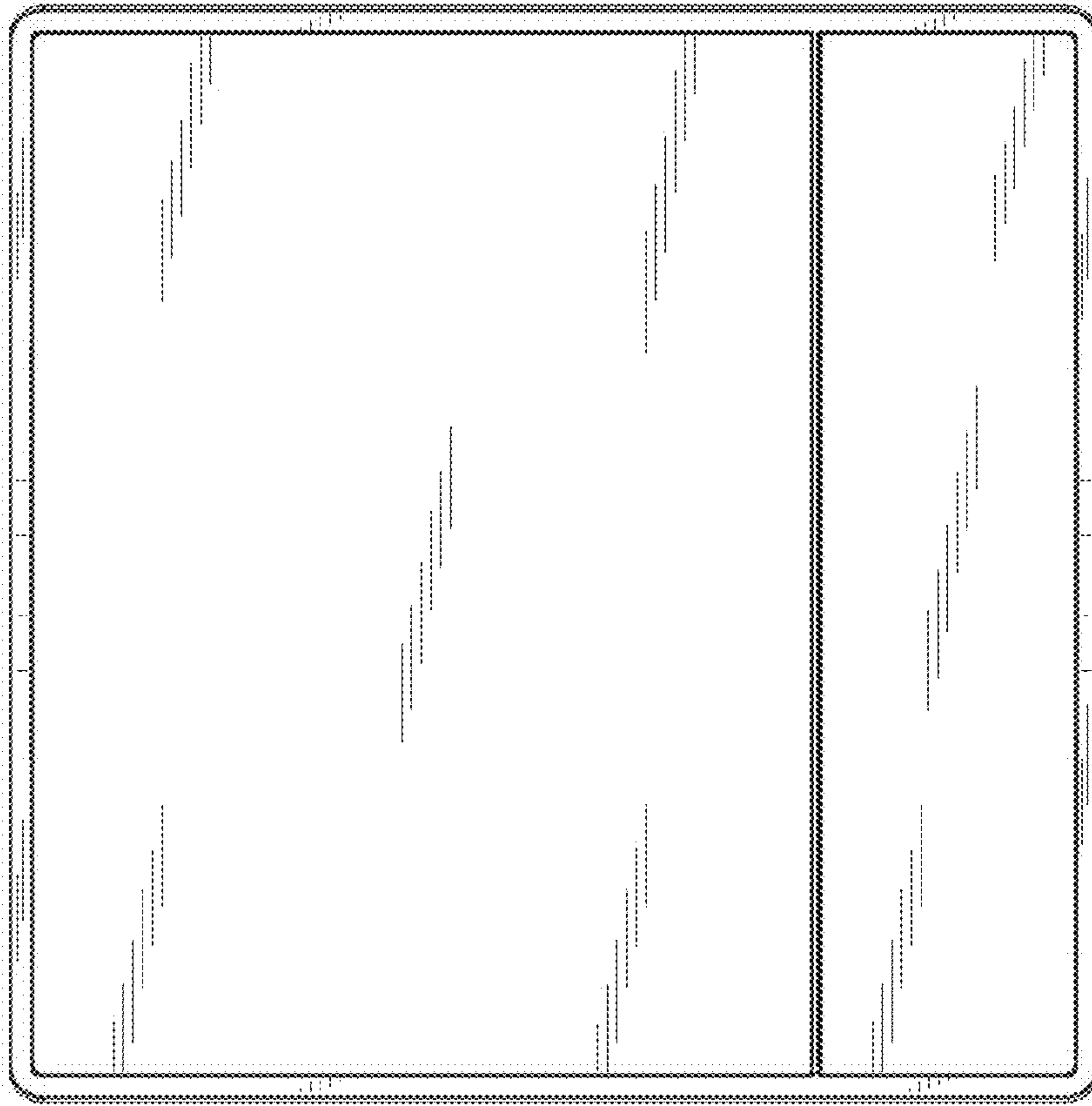
The Elevator Control Panel, image post date 2006, site visited Apr. 30, 2015, (online), <<http://web.mit.edu/2.744/www/Project/Assignments/conceptSketches/gromits/mika/>>.\*

\* cited by examiner

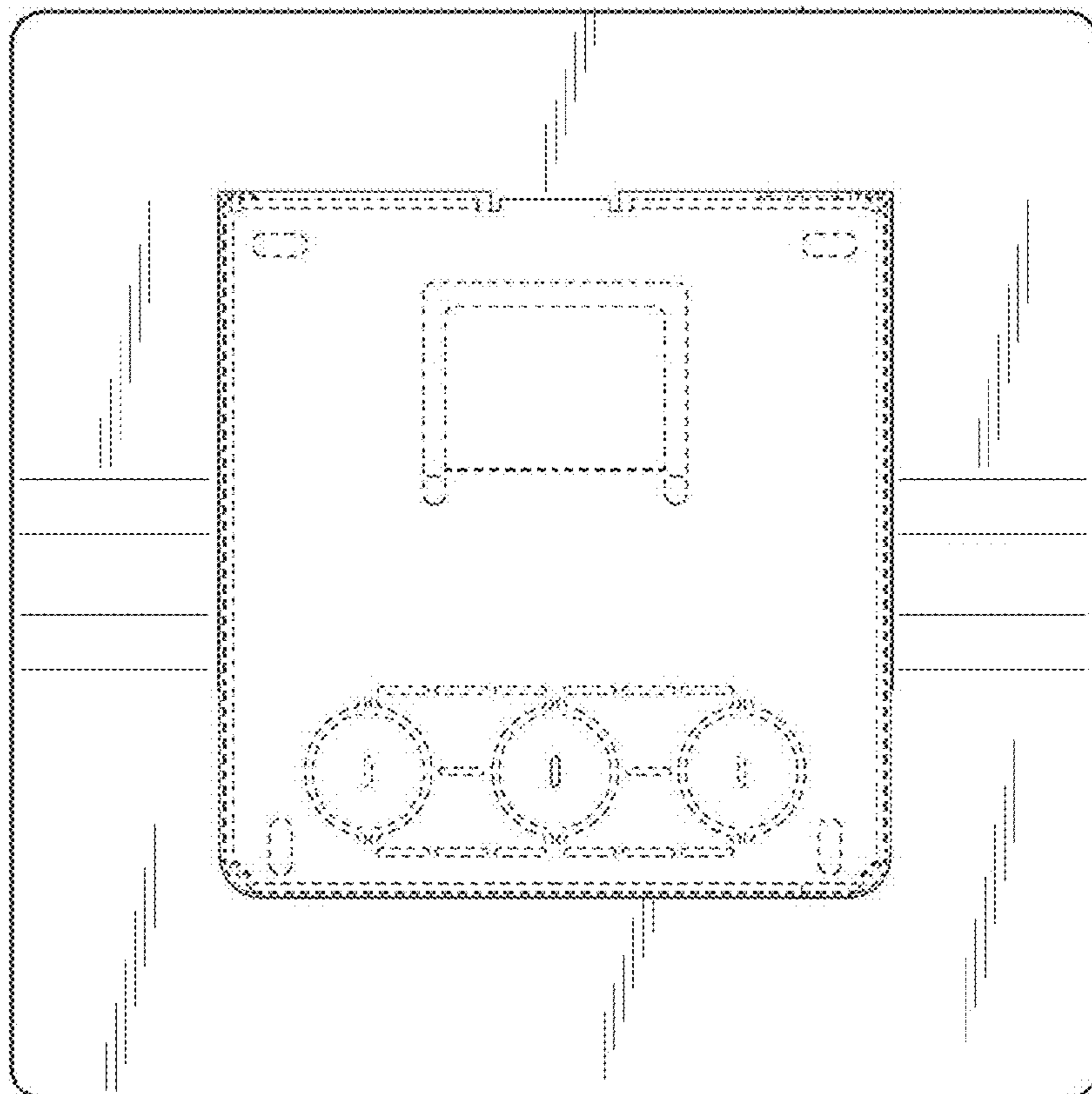


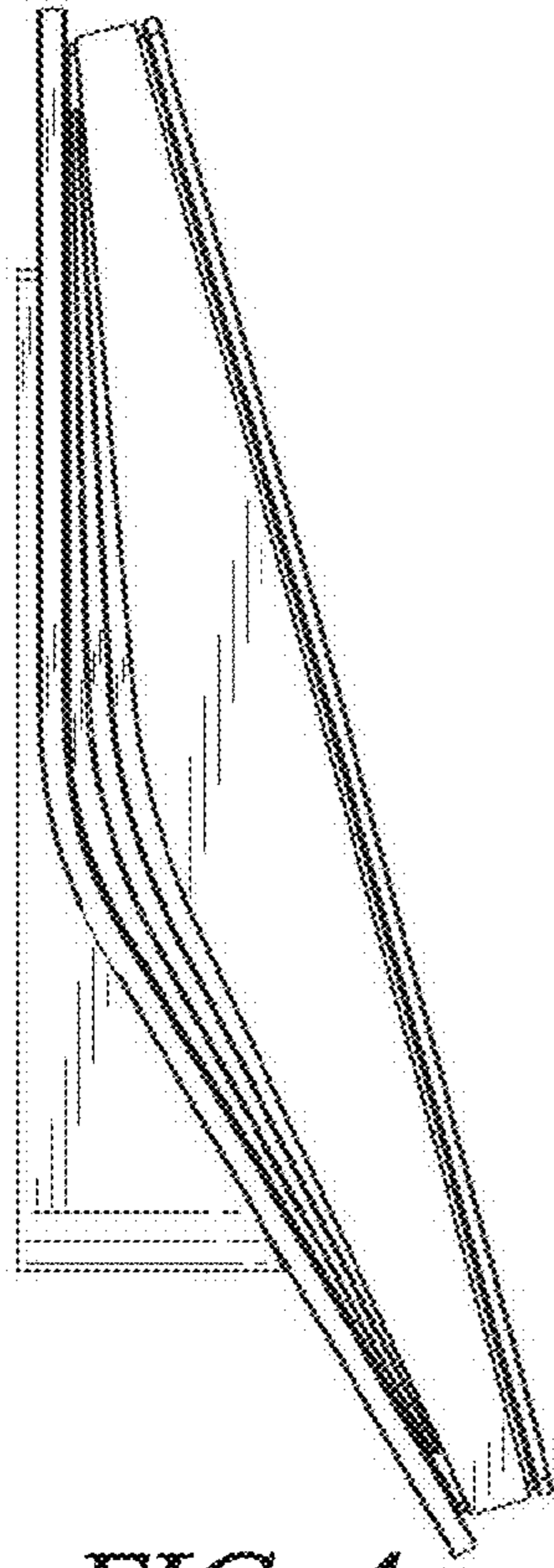
*FIG. 1*

*FIG. 2*

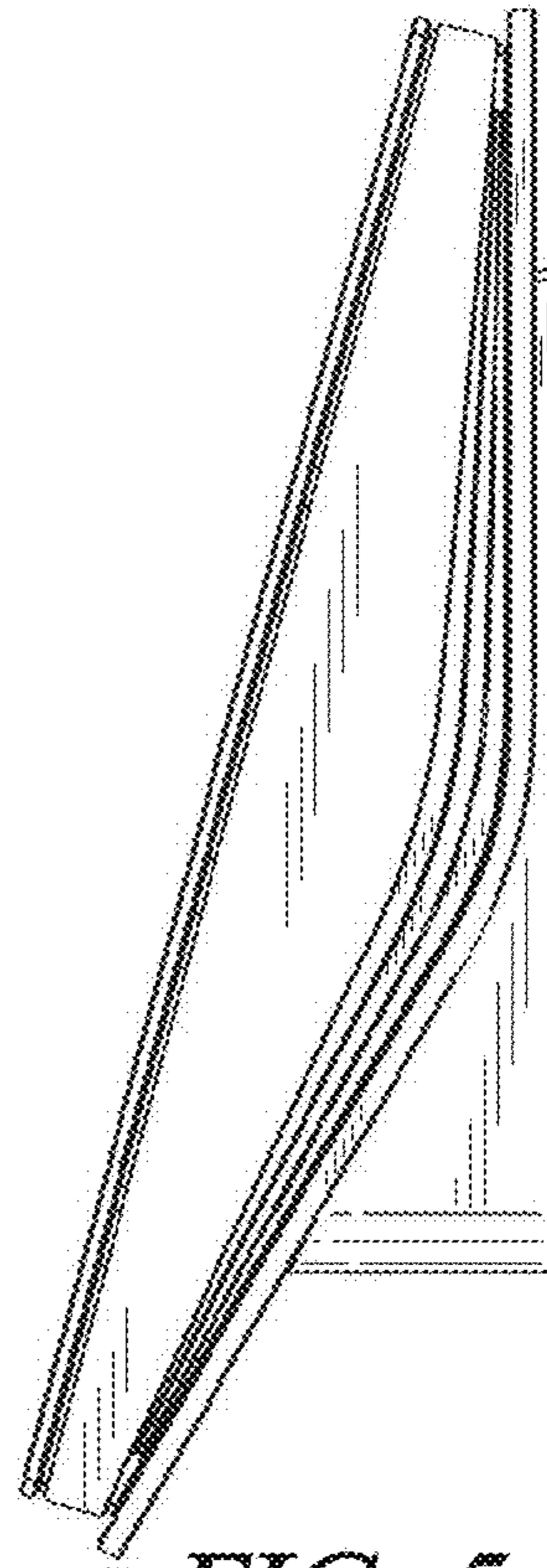


*FIG. 3*

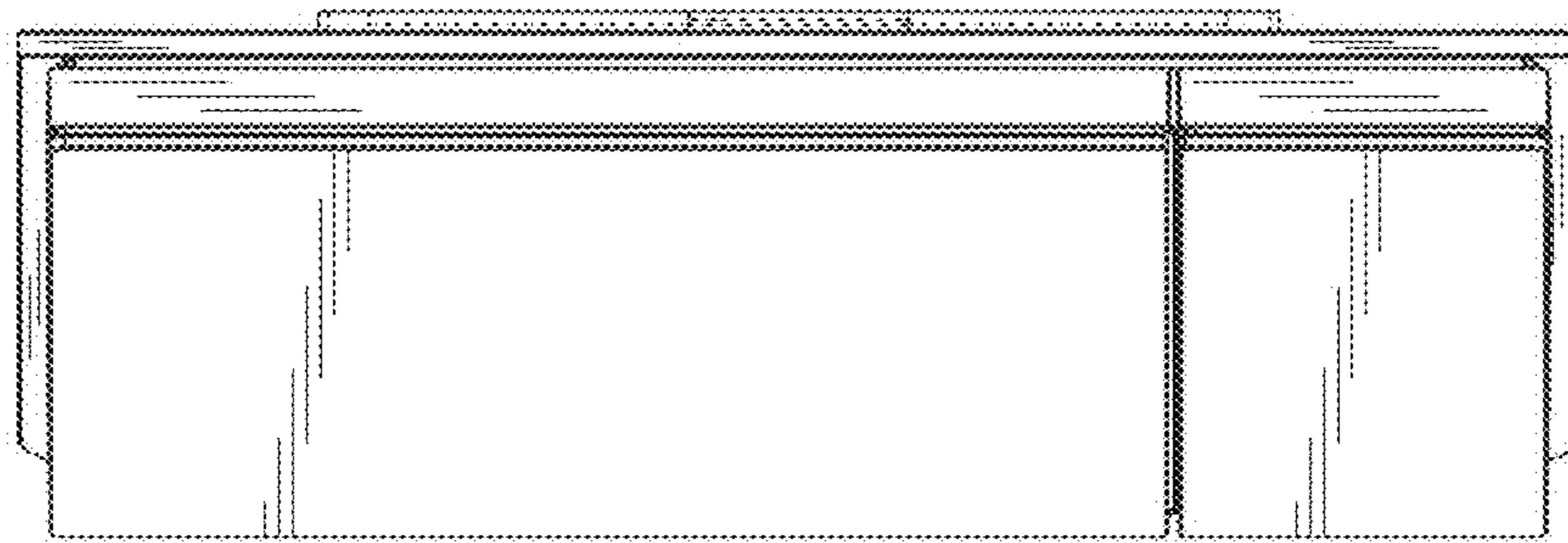




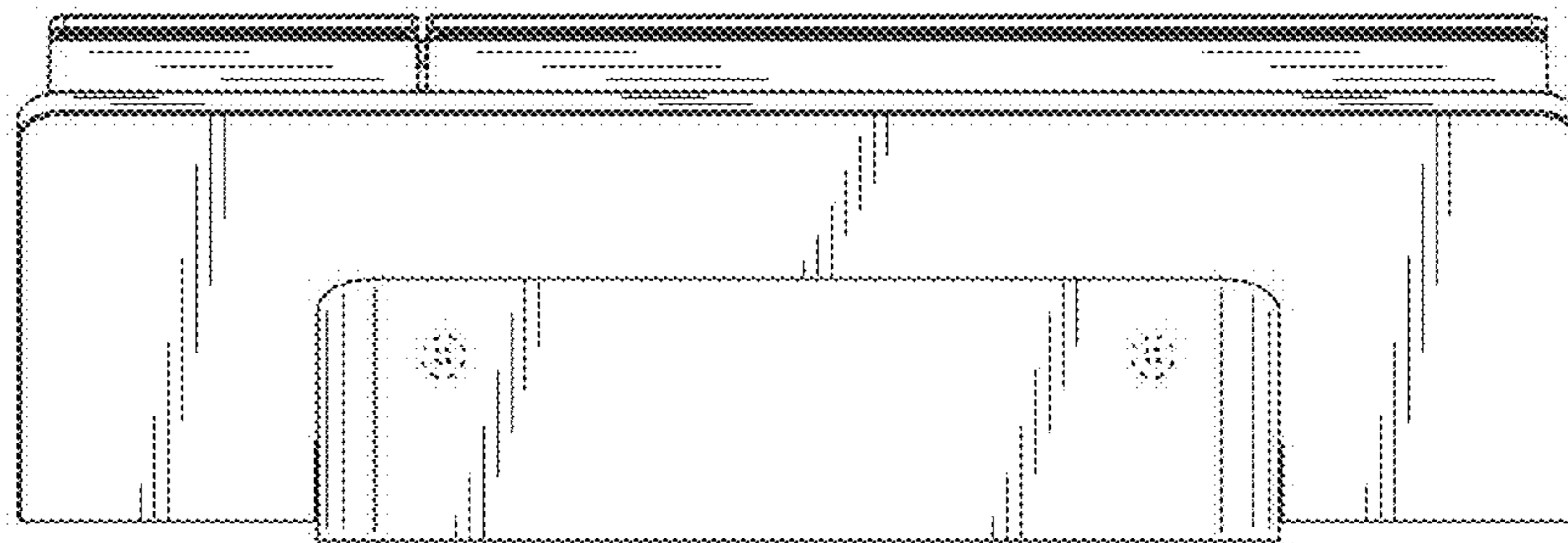
*FIG. 4*



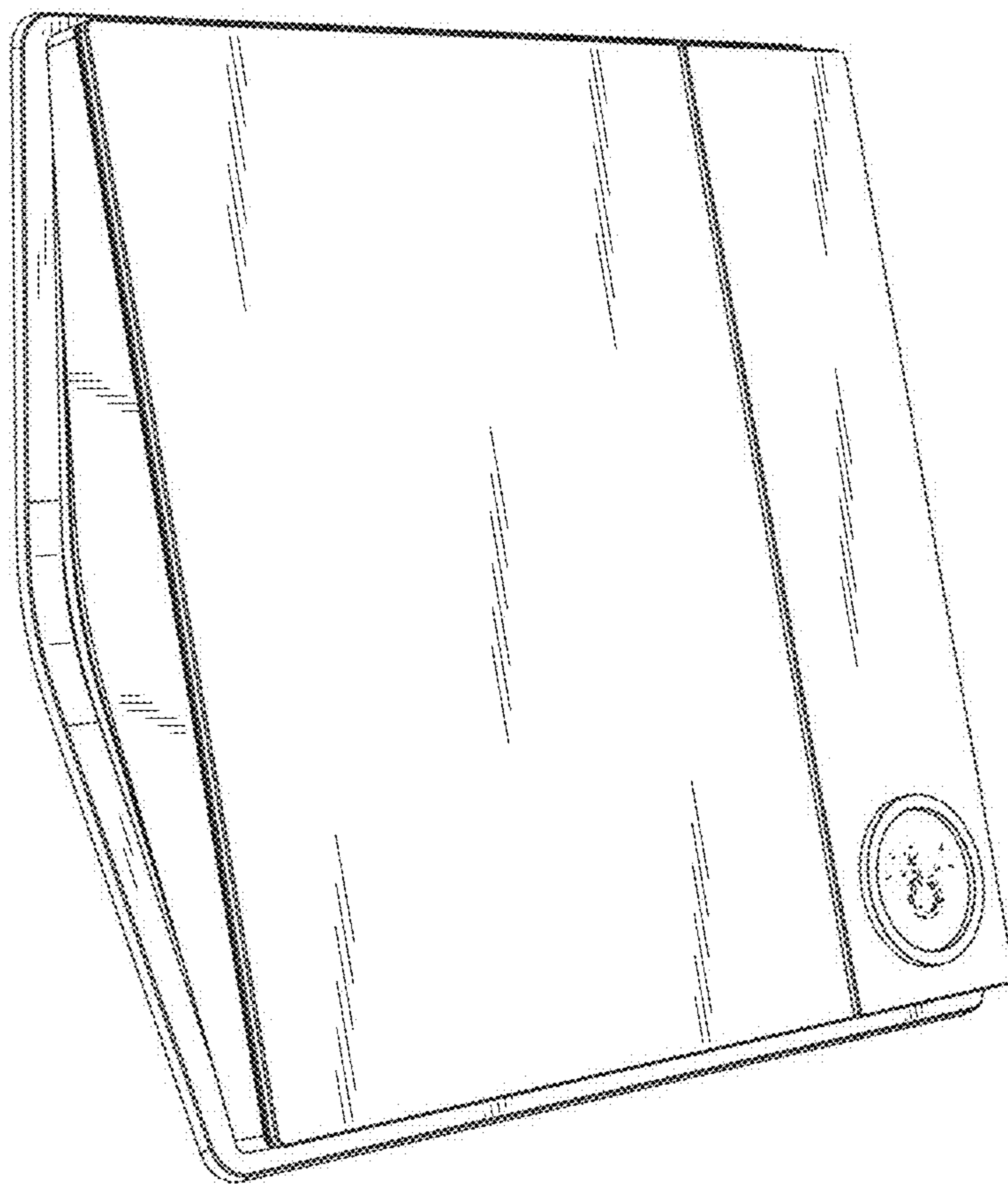
*FIG. 5*



*FIG. 6*

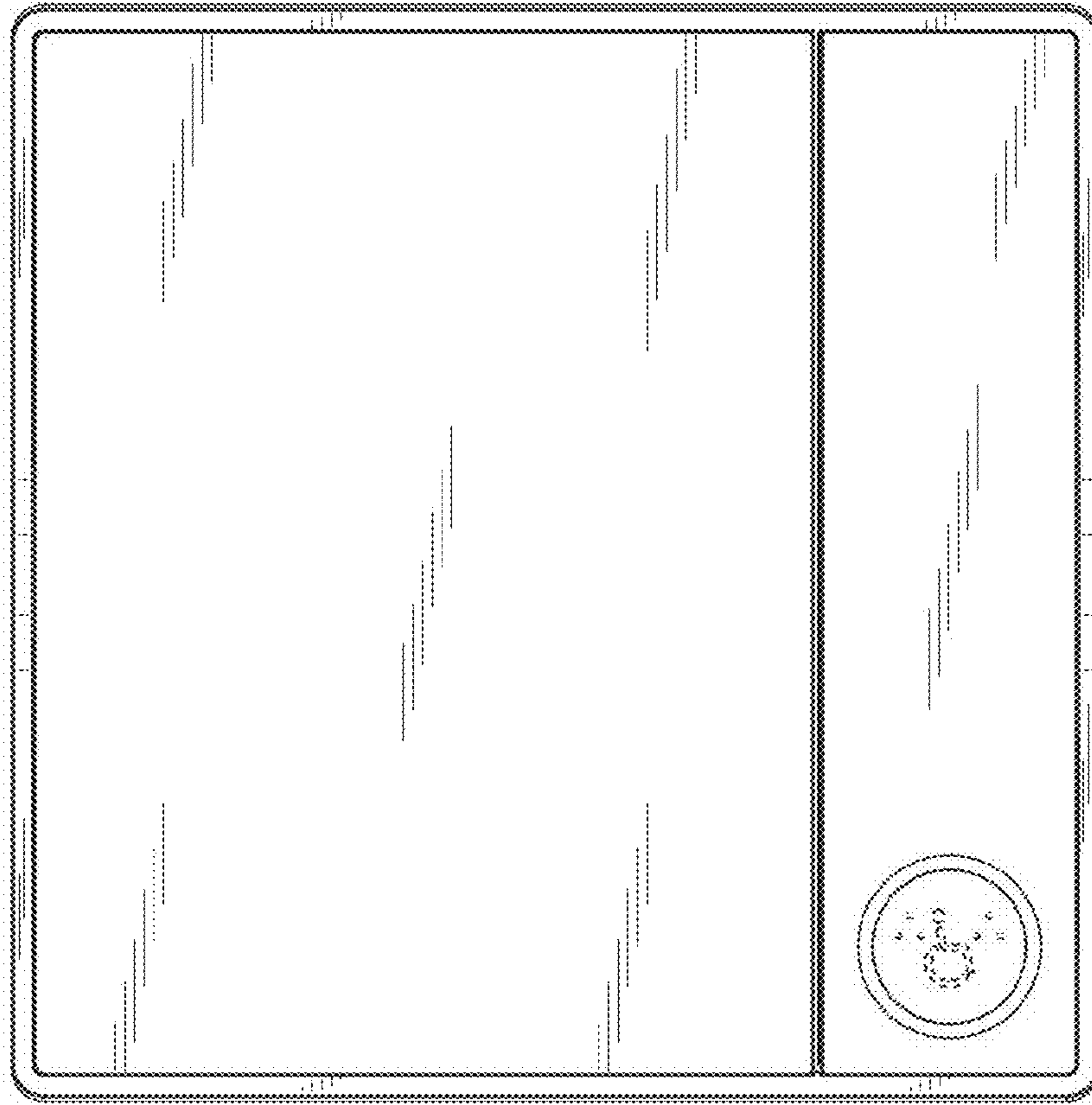


*FIG. 7*

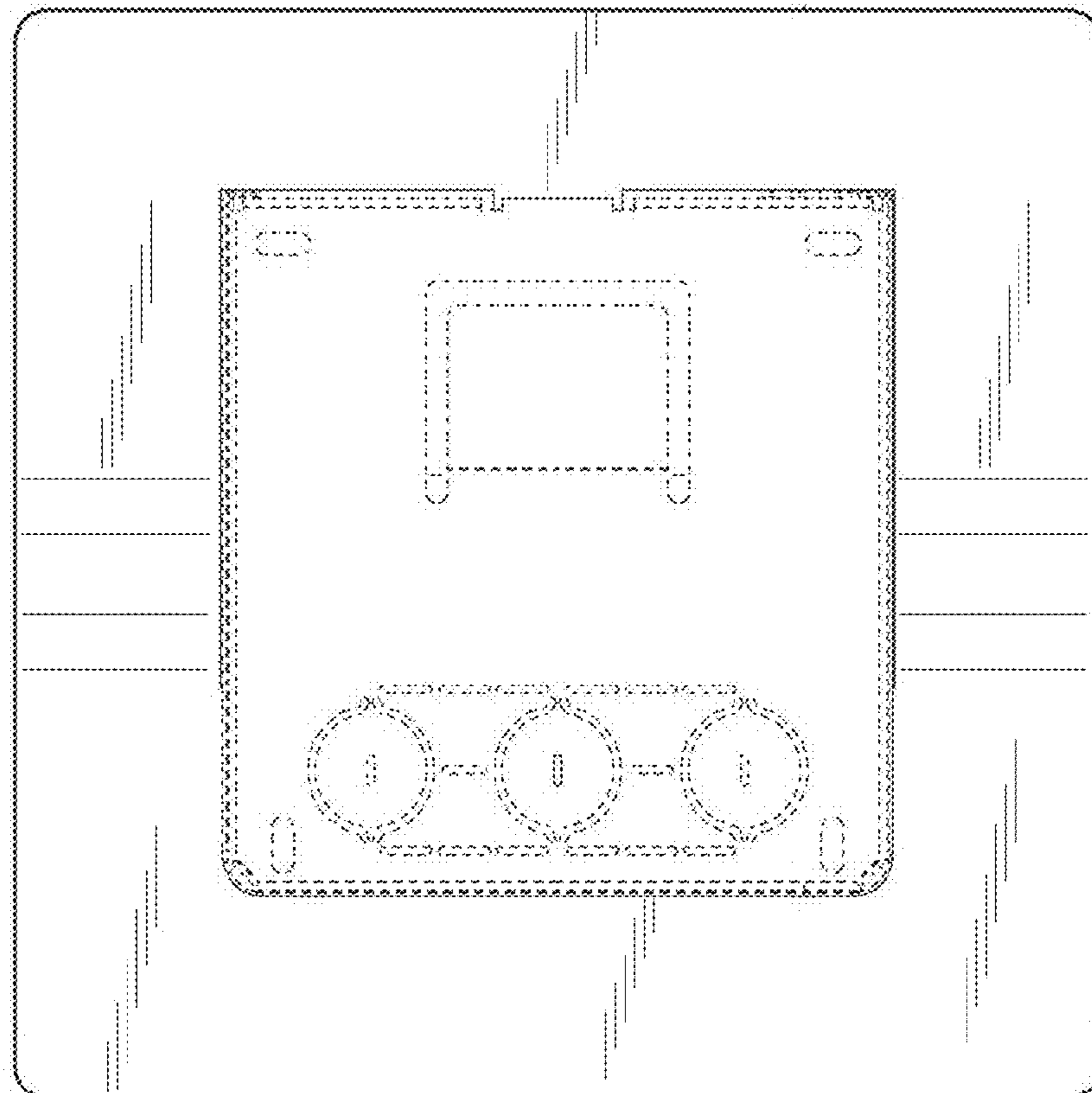


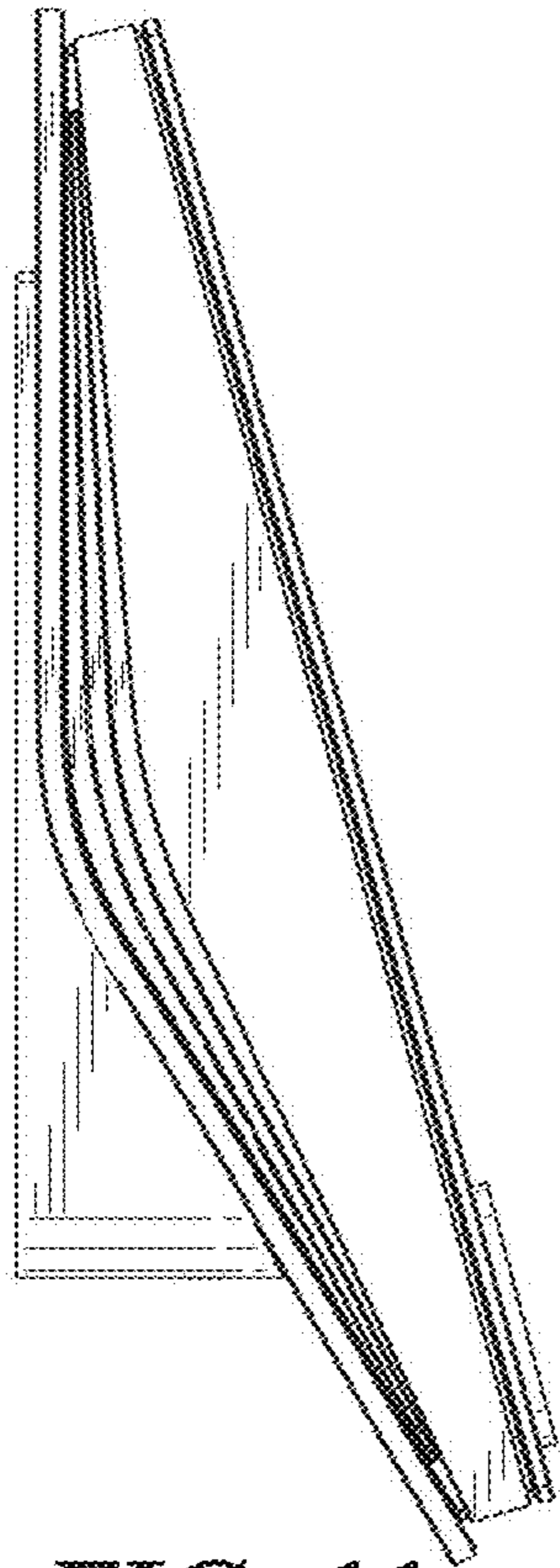
*FIG. 8*

*FIG. 9*

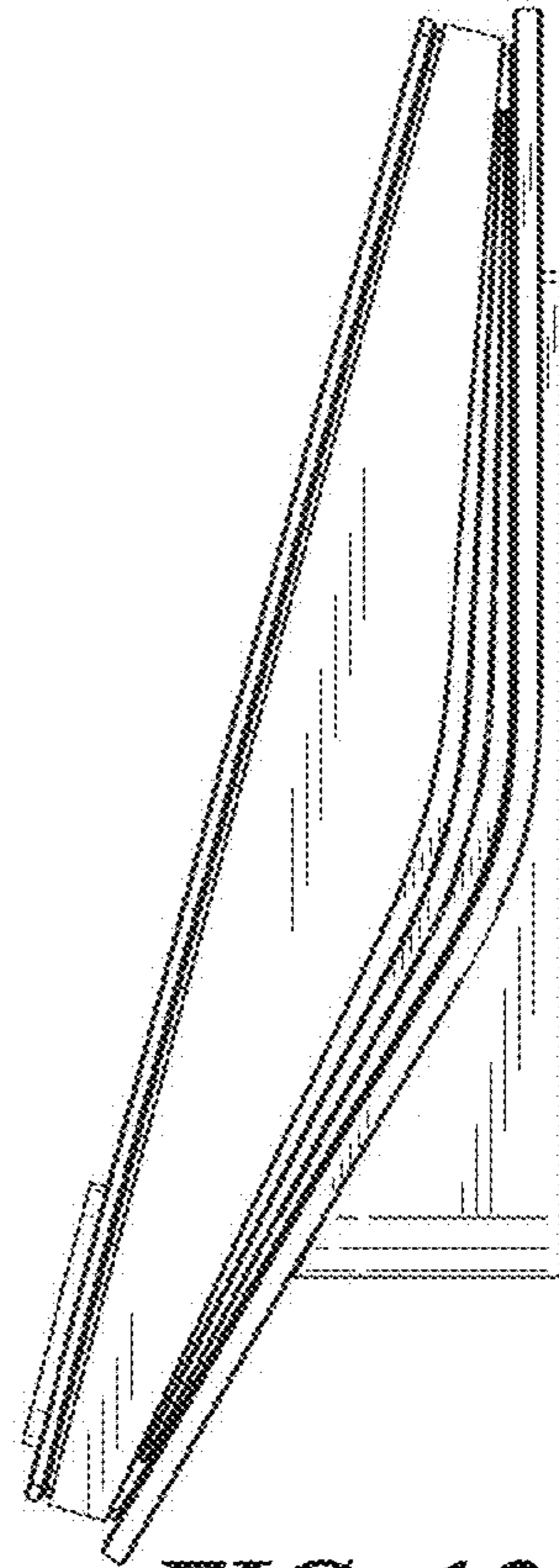


*FIG. 10*

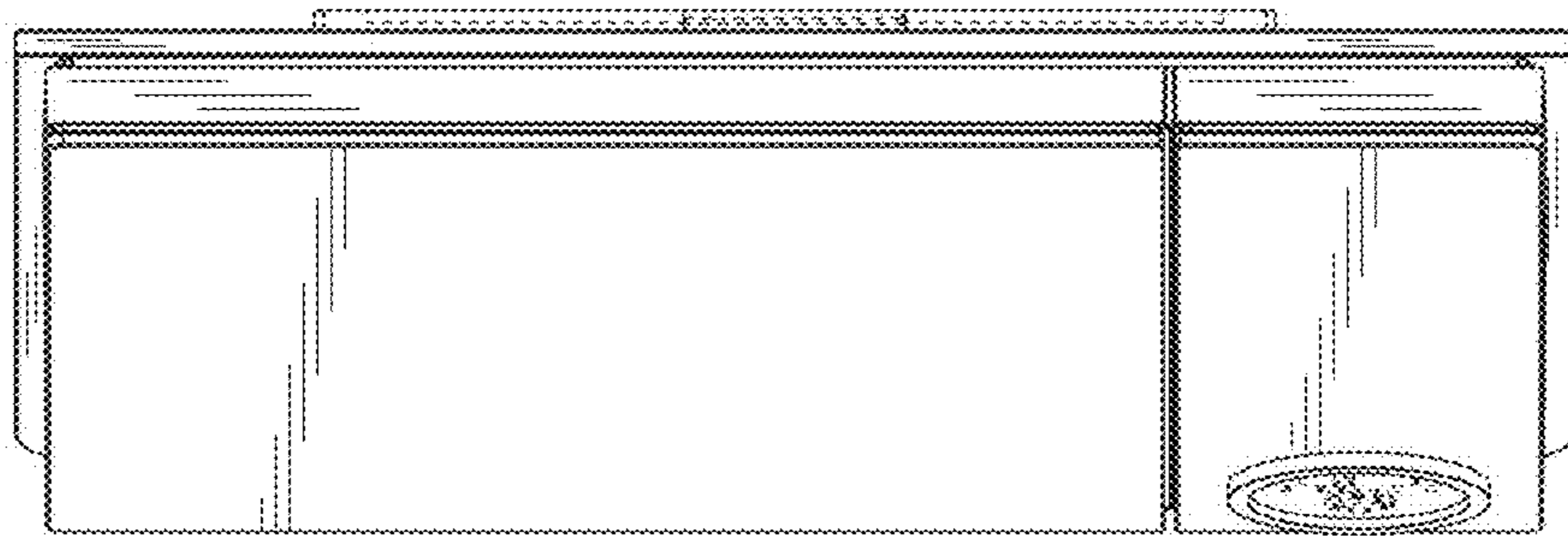




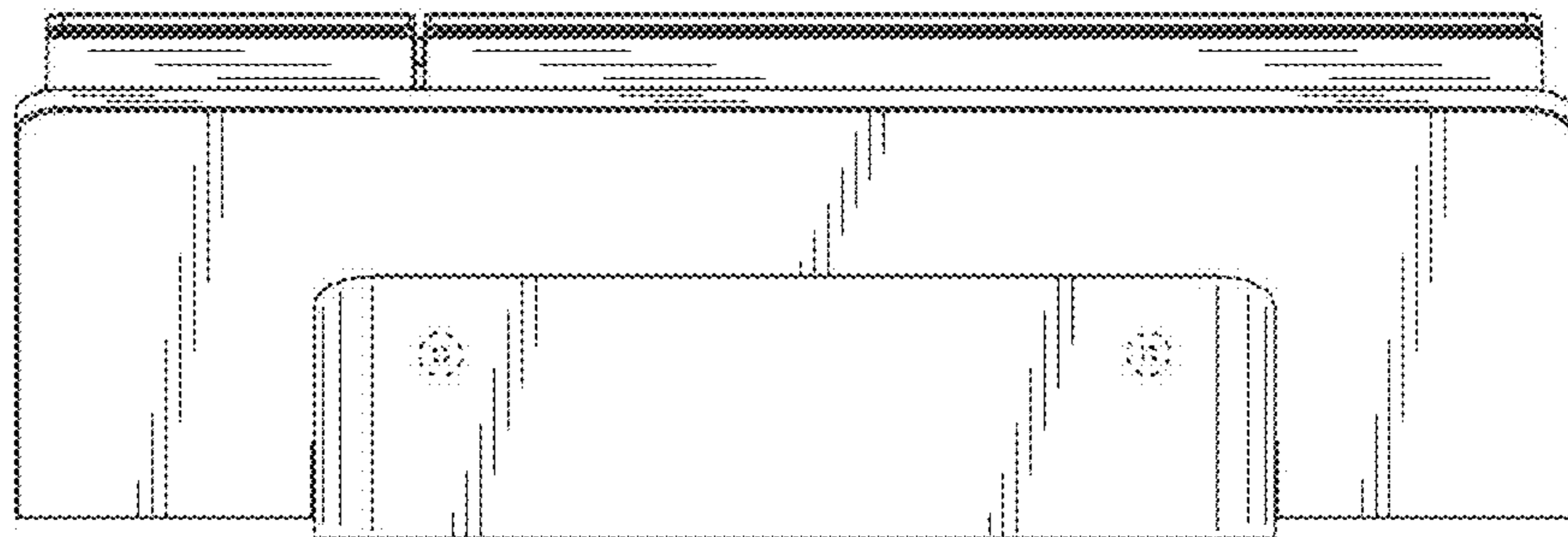
*FIG. 11*



*FIG. 12*



*FIG. 13*

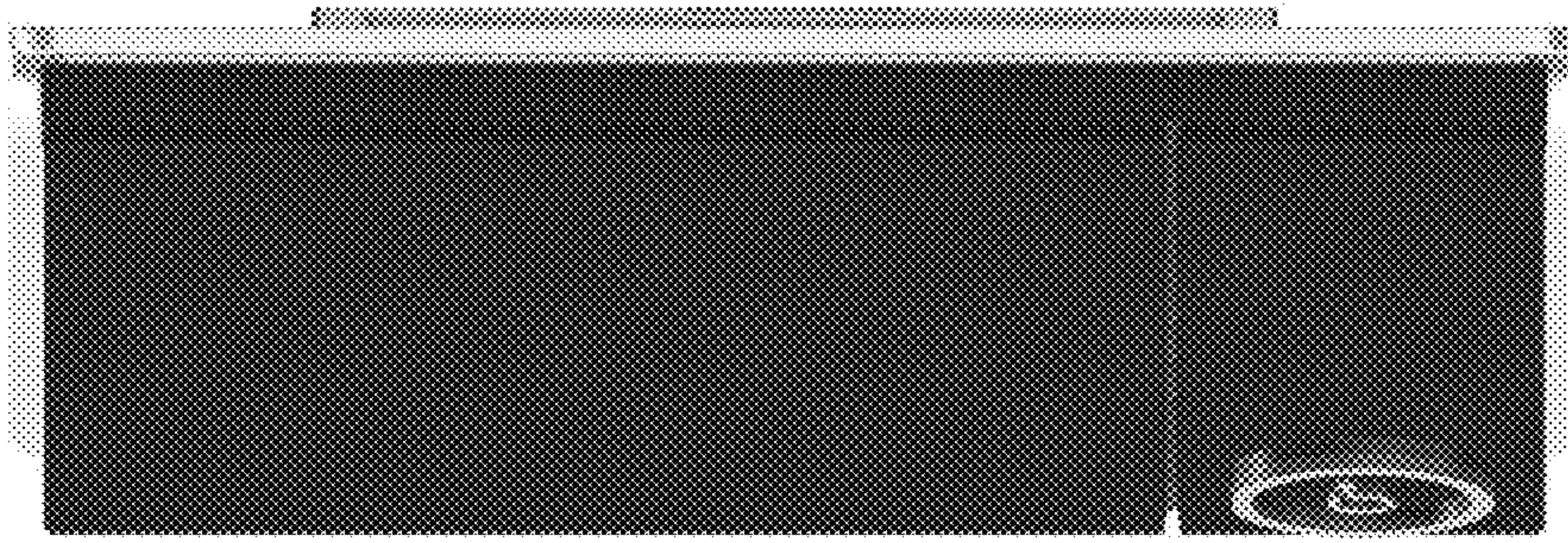


*FIG. 14*

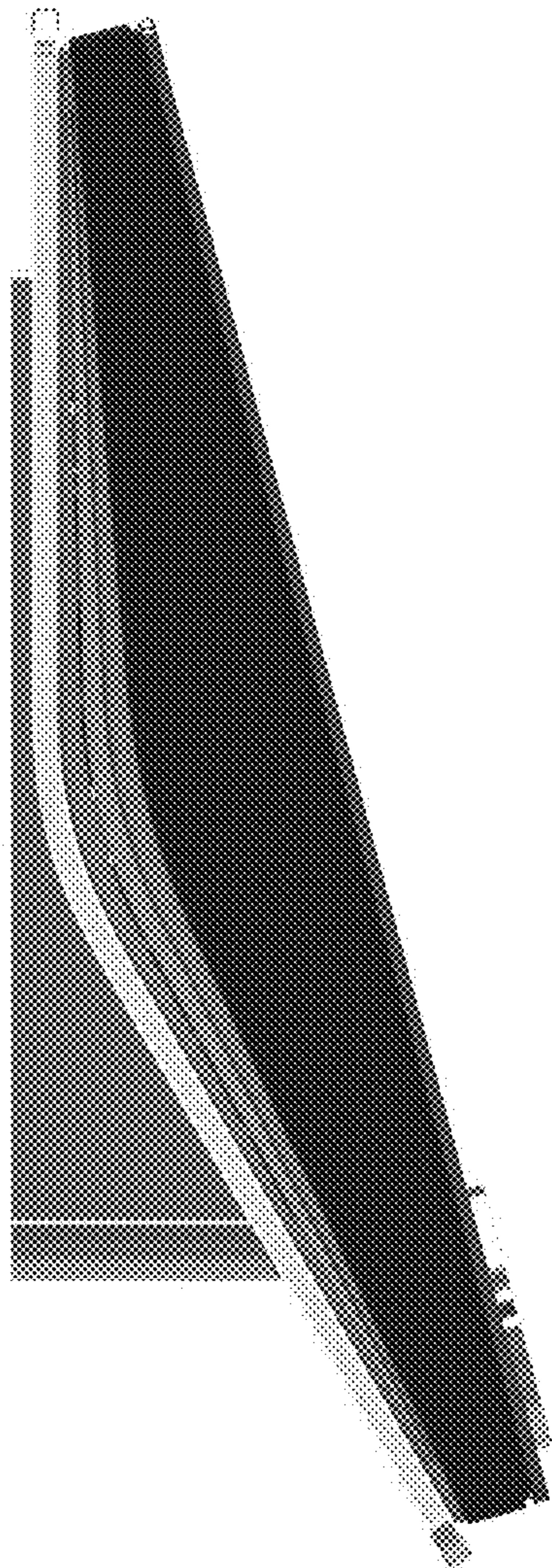




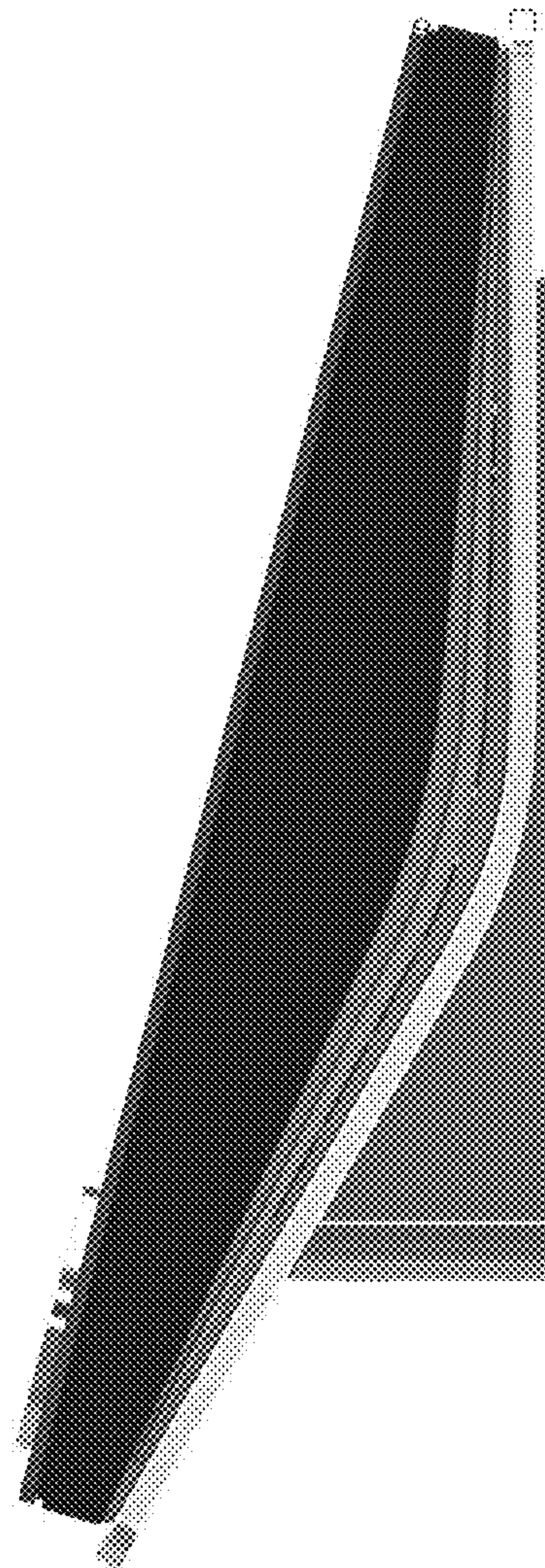
*FIG. 15*



*FIG. 16*



*FIG. 17*



*FIG. 18*