



US00D820793S

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

(10) **Patent No.:** **US D820,793 S**  
(45) **Date of Patent:** **\*\* Jun. 19, 2018**

(54) **REMOTE CONTROLLER FOR AIR  
CONDITIONER**

(71) Applicant: **mitsubishi electric  
CORPORATION**, Tokyo (JP)

(72) Inventors: **Satoshi Arai**, Tokyo (JP); **Jangryul  
Rim**, Tokyo (JP); **Hirofumi Mori**,  
Tokyo (JP)

(73) Assignee: **Mitsubishi Electric Corporation**,  
Tokyo (JP)

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

(21) Appl. No.: **29/603,172**

(22) Filed: **May 8, 2017**

(30) **Foreign Application Priority Data**

Nov. 9, 2016 (JP) ..... 2016-024402  
Nov. 9, 2016 (JP) ..... 2016-024403

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

(52) **U.S. Cl.**  
USPC ..... **D13/168; D10/50**

(58) **Field of Classification Search**  
USPC ..... D13/162, 168; D10/49, 50; D14/218  
CPC ..... F24F 11/00; F24F 11/0012; F24F 11/006;  
F24F 11/0086; F24F 11/0009; F24F  
11/30; F24F 2011/0057; F24F 2011/0073;  
F24F 2011/0091; G05B 19/0426; G05B  
19/409; G05B 15/02; G06F 1/1601; G06F  
3/041; G06F 3/044; G06F 3/0482; G06F  
3/0488; G06F 3/0489; G05D 23/1902;  
G05D 23/1905; G05D 23/1931; G02F  
1/33308; H01H 9/02; H05B 37/02  
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D421,399 S \* 3/2000 Bennett ..... D10/103  
D554,625 S \* 11/2007 Kato ..... D14/218

D614,975 S \* 5/2010 Fisher ..... D10/50  
D630,169 S \* 1/2011 Nakai ..... D13/168  
D661,662 S \* 6/2012 Kikuchi ..... D13/168  
8,219,249 B2 \* 7/2012 Harrod ..... G05B 19/042  
700/276  
D678,218 S \* 3/2013 Sheen ..... D13/168  
D678,219 S \* 3/2013 Higashijima ..... D13/168  
D725,608 S \* 3/2015 Kosuge ..... D13/168  
D744,435 S \* 12/2015 Sakai ..... D13/168  
D744,962 S \* 12/2015 Chen ..... D13/168  
9,423,146 B2 \* 8/2016 Bruce ..... F24F 11/0086

(Continued)

*Primary Examiner* — Selina Sikder

(74) *Attorney, Agent, or Firm* — Studebaker & Brackett  
PC

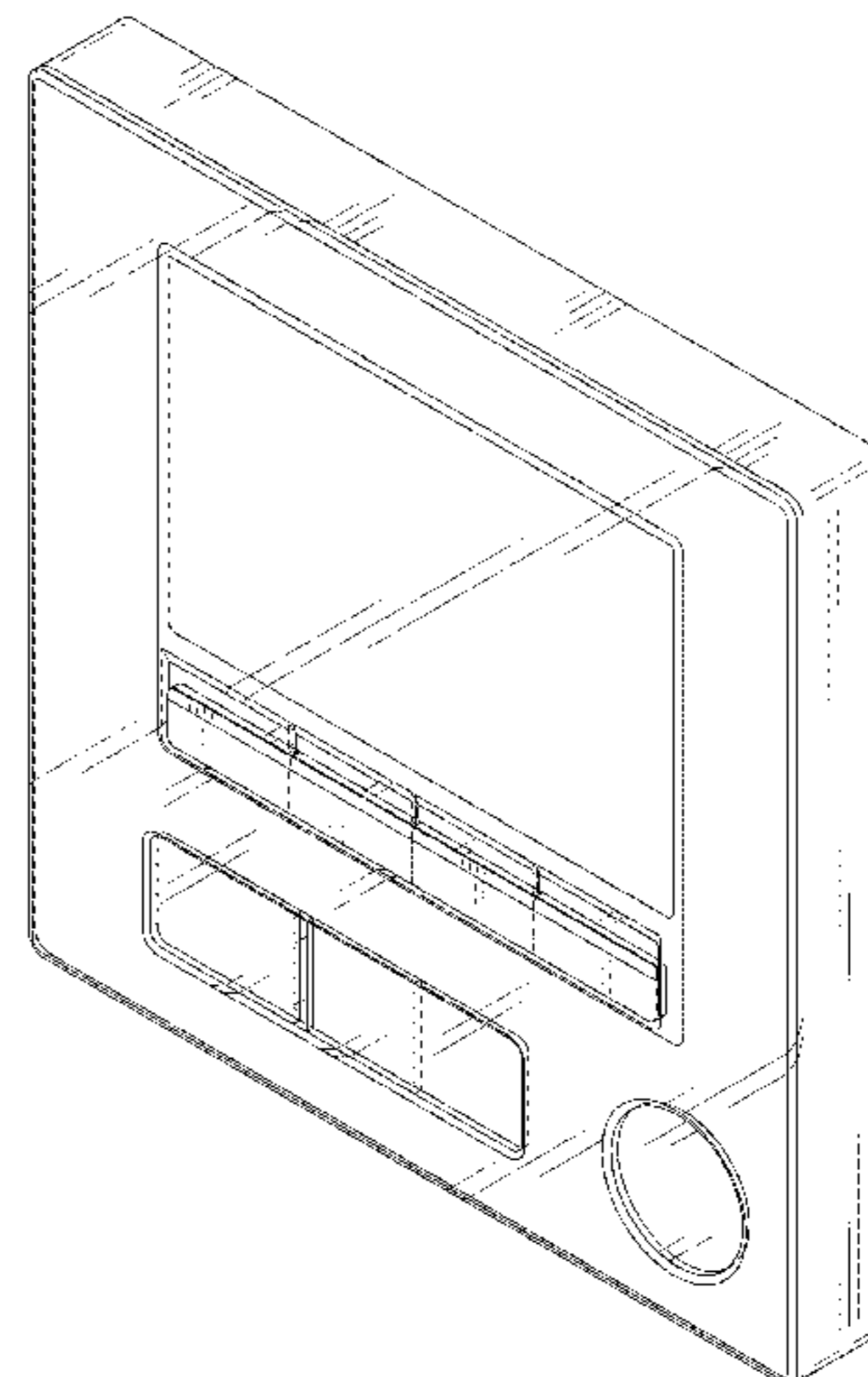
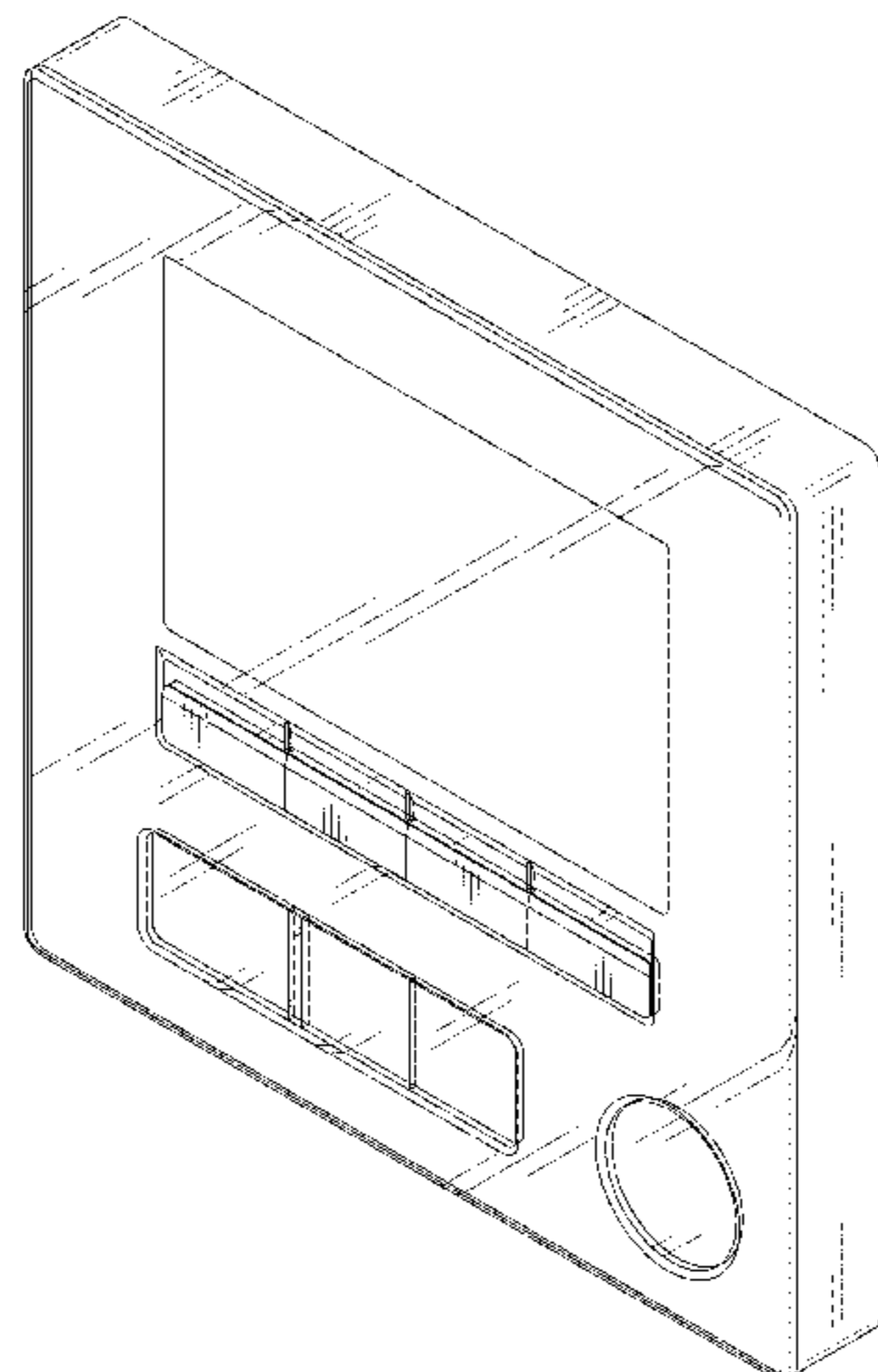
(57) **CLAIM**

The ornamental design for a remote controller for air con-  
ditioner, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of the front, right, and top  
sides of a remote controller for air conditioner showing a  
first embodiment of our new design;  
FIG. 2 is a front view thereof;  
FIG. 3 is a rear view thereof;  
FIG. 4 is a right side view thereof, a left side view being a  
mirror image thereof;  
FIG. 5 is a top plan view thereof;  
FIG. 6 is a bottom plan view thereof;  
FIG. 7 is a front perspective view of the front, right, and top  
sides of a remote controller for air conditioner showing a  
second embodiment of our new design;  
FIG. 8 is a front view thereof;  
FIG. 9 is a rear view thereof;  
FIG. 10 is a right side view thereof, a left side view being  
a mirror image thereof;  
FIG. 11 is a top plan view thereof; and,  
FIG. 12 is a bottom plan view thereof.

**1 Claim, 10 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

9,488,380 B2 \* 11/2016 Ino ..... G05D 23/1905  
D780,130 S \* 2/2017 Kashimoto ..... D13/168  
D795,091 S \* 8/2017 Kashimoto ..... D10/50  
D801,940 S \* 11/2017 Aketa ..... D13/168  
2015/0354848 A1 \* 12/2015 Abel ..... F24F 11/0012  
236/1 C

\* cited by examiner

Fig. 1

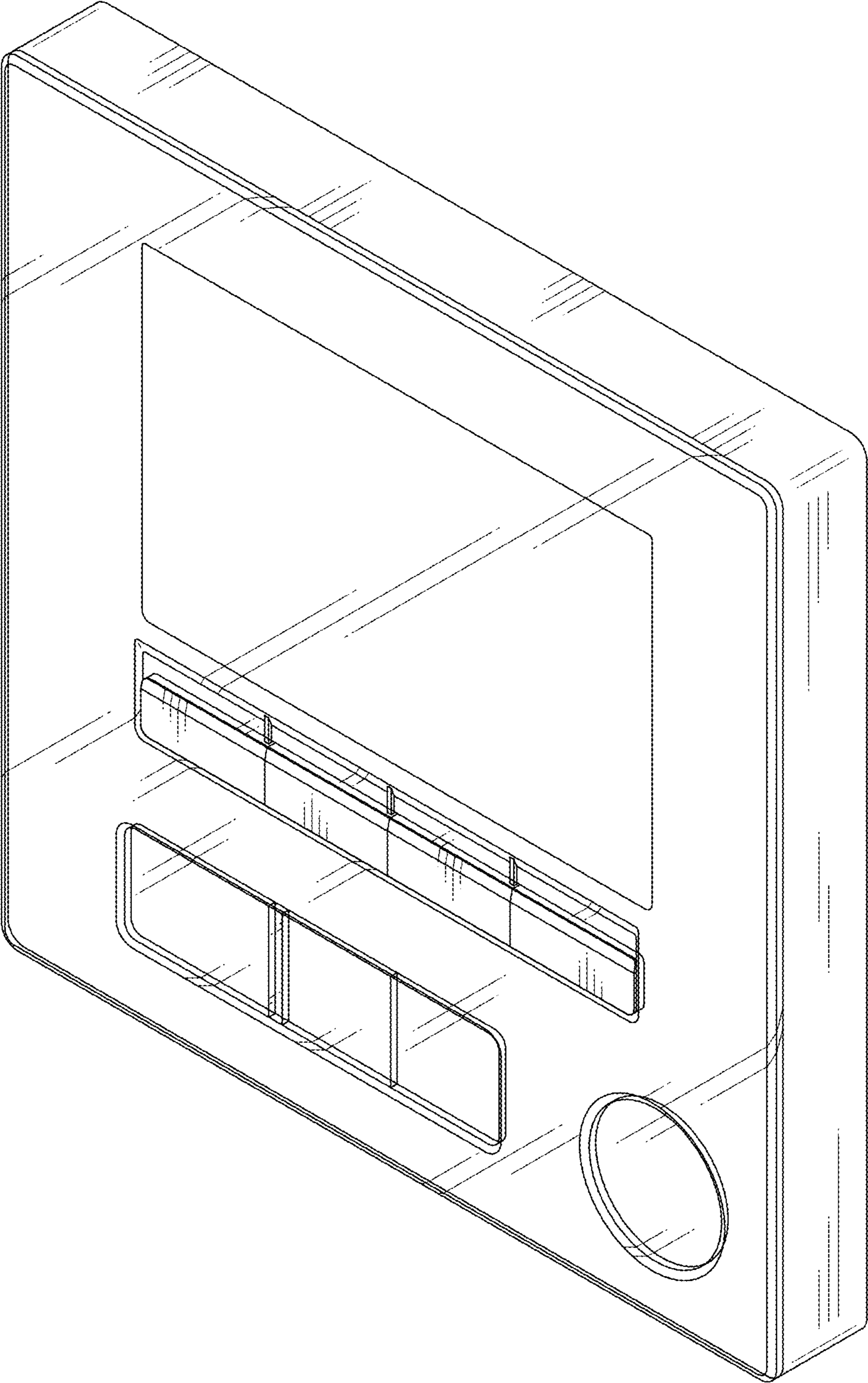


Fig. 2

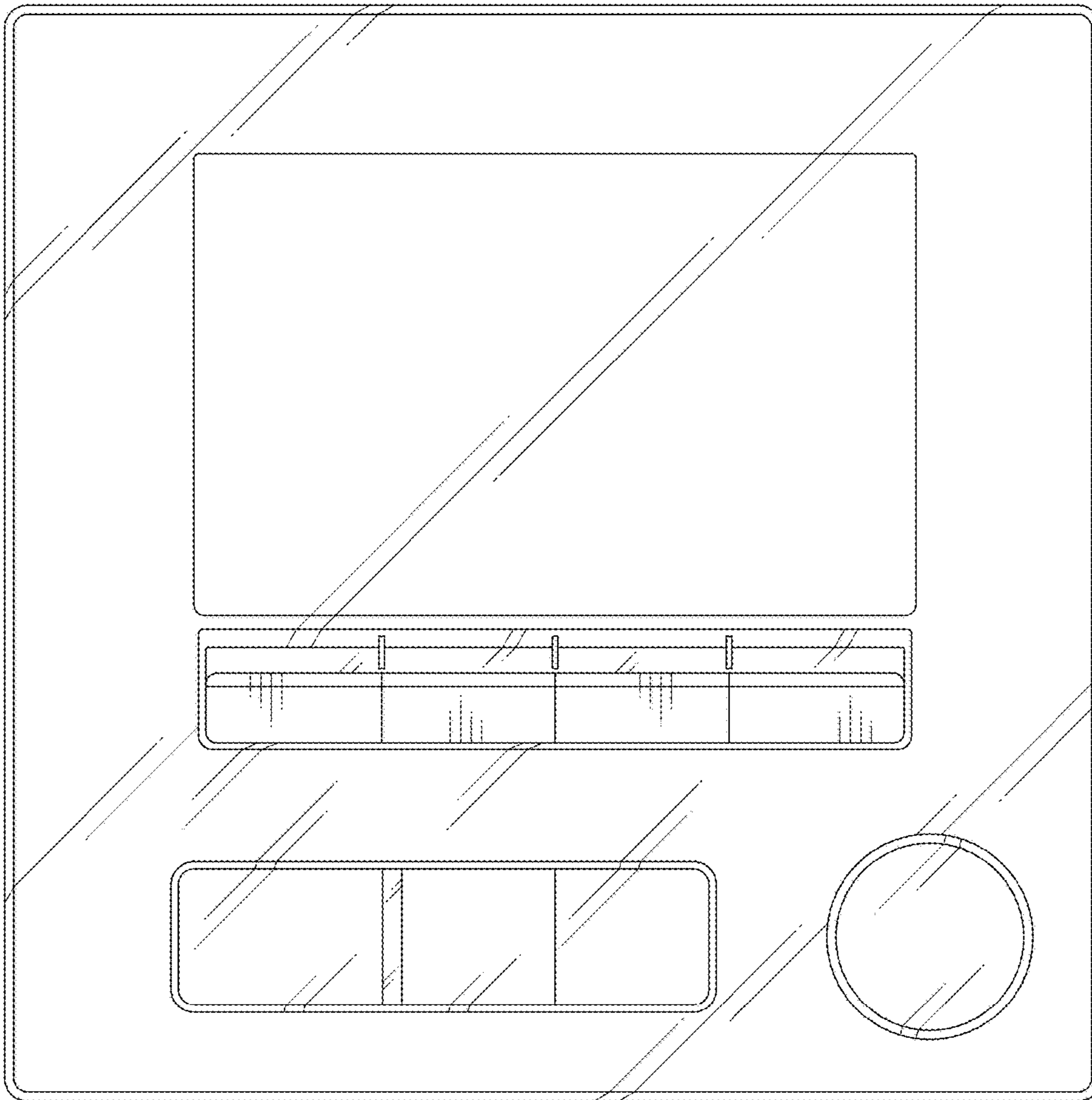


Fig. 3

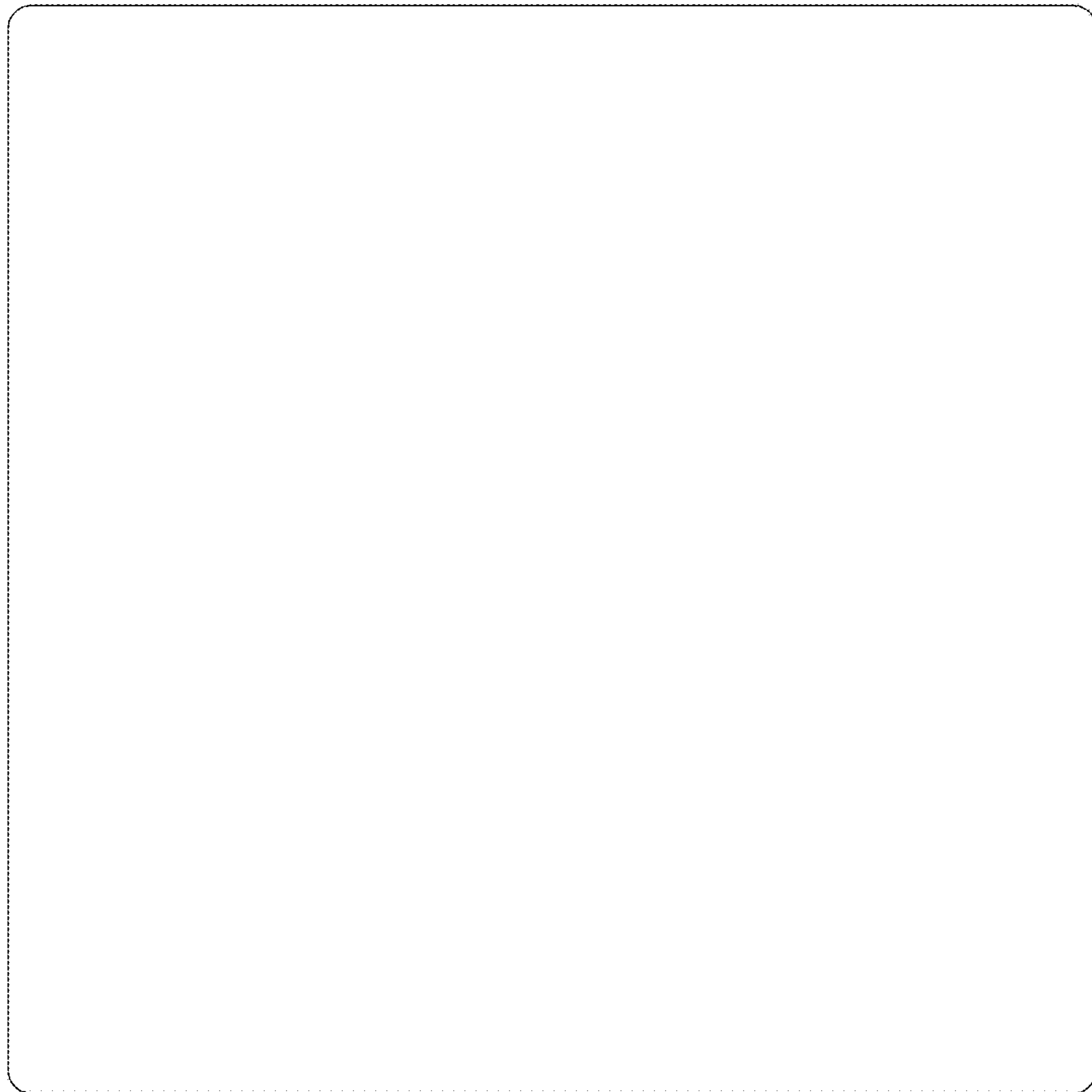


Fig. 4

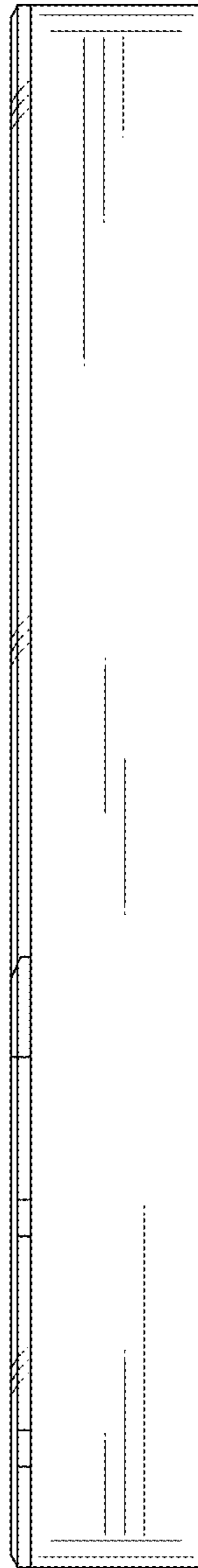


Fig. 5

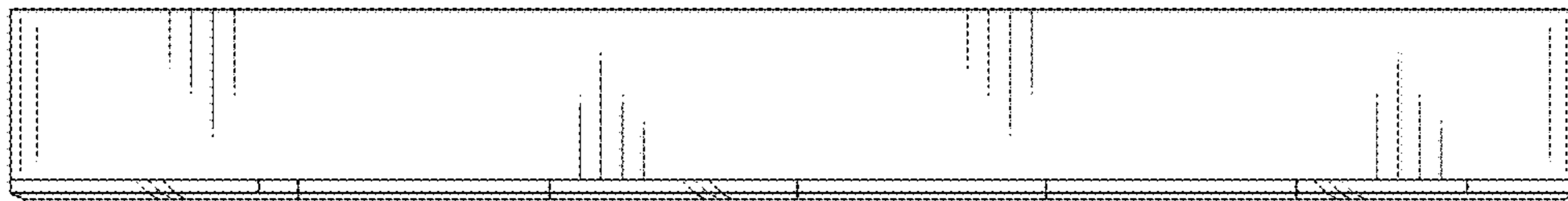


Fig. 6

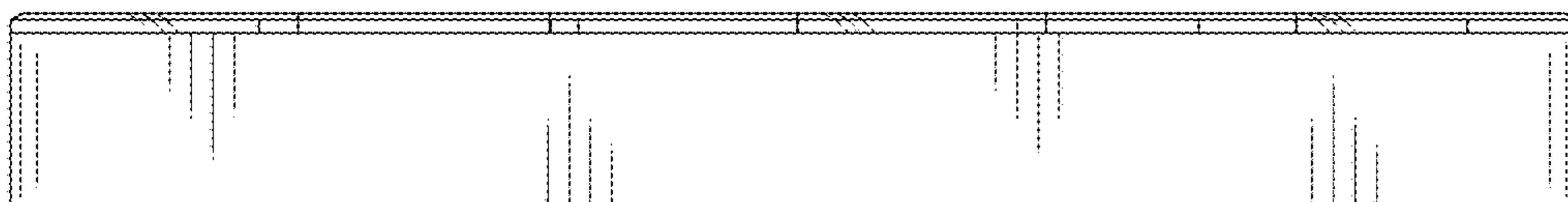


Fig. 7

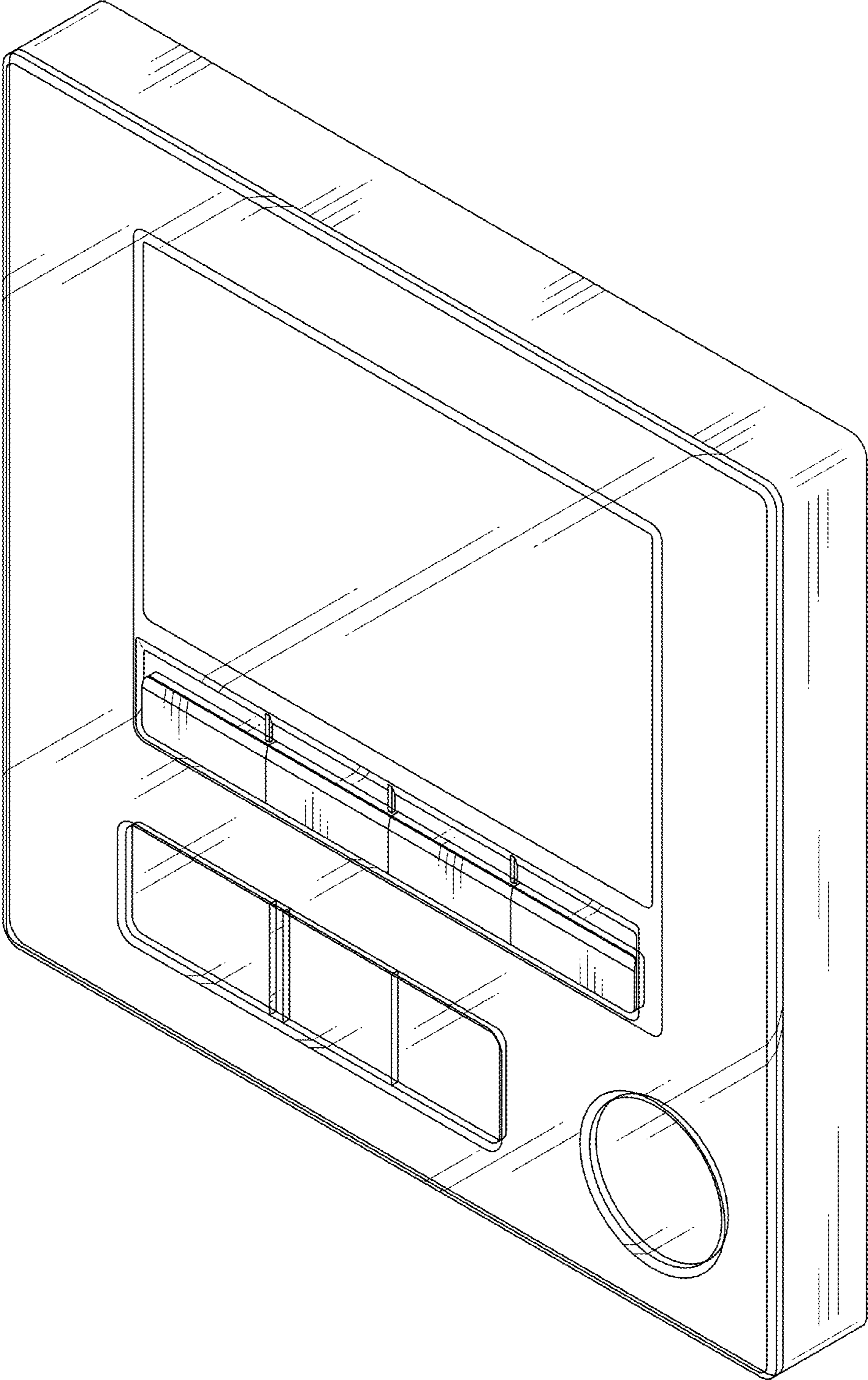




Fig. 8

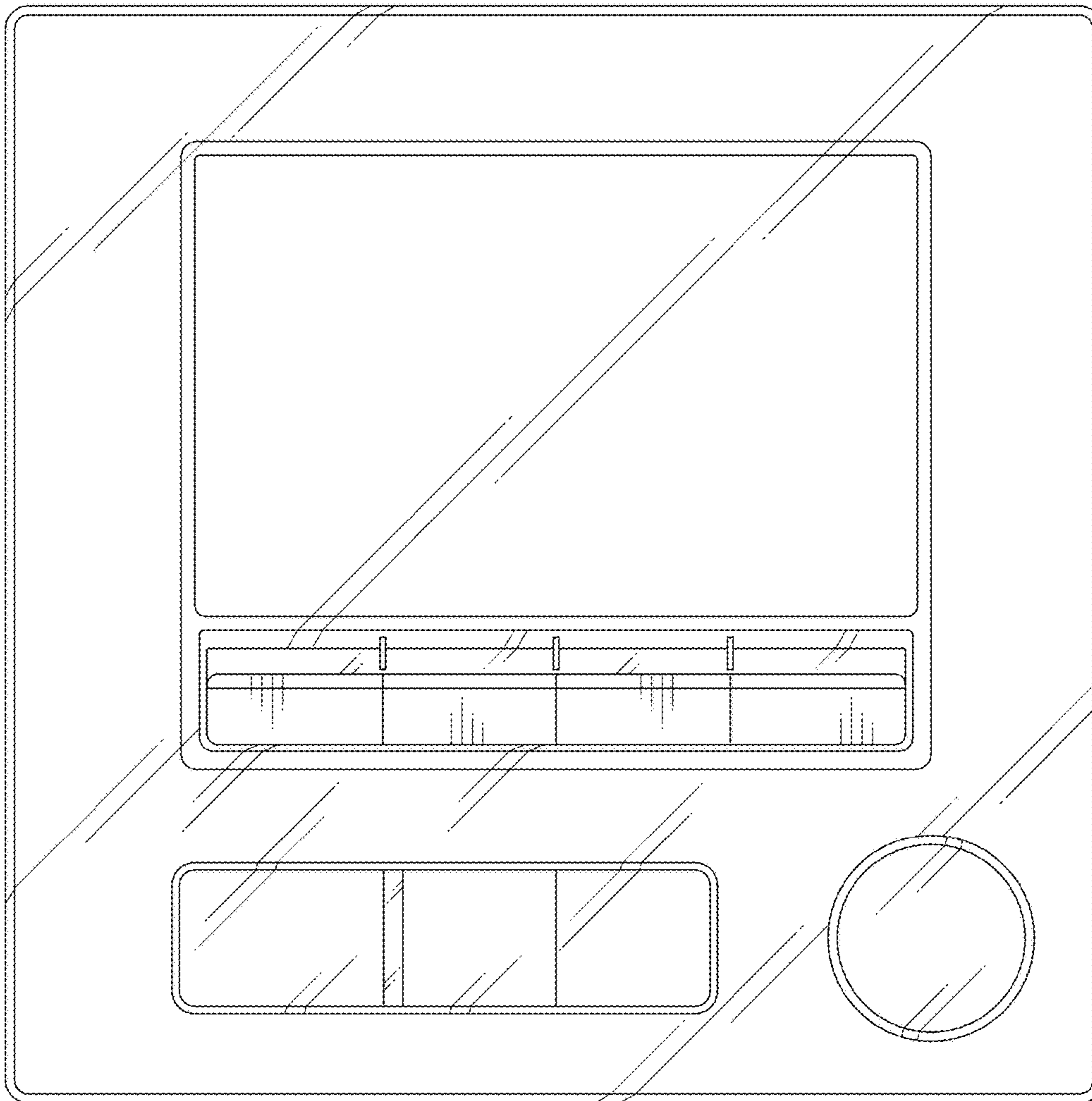


Fig. 9

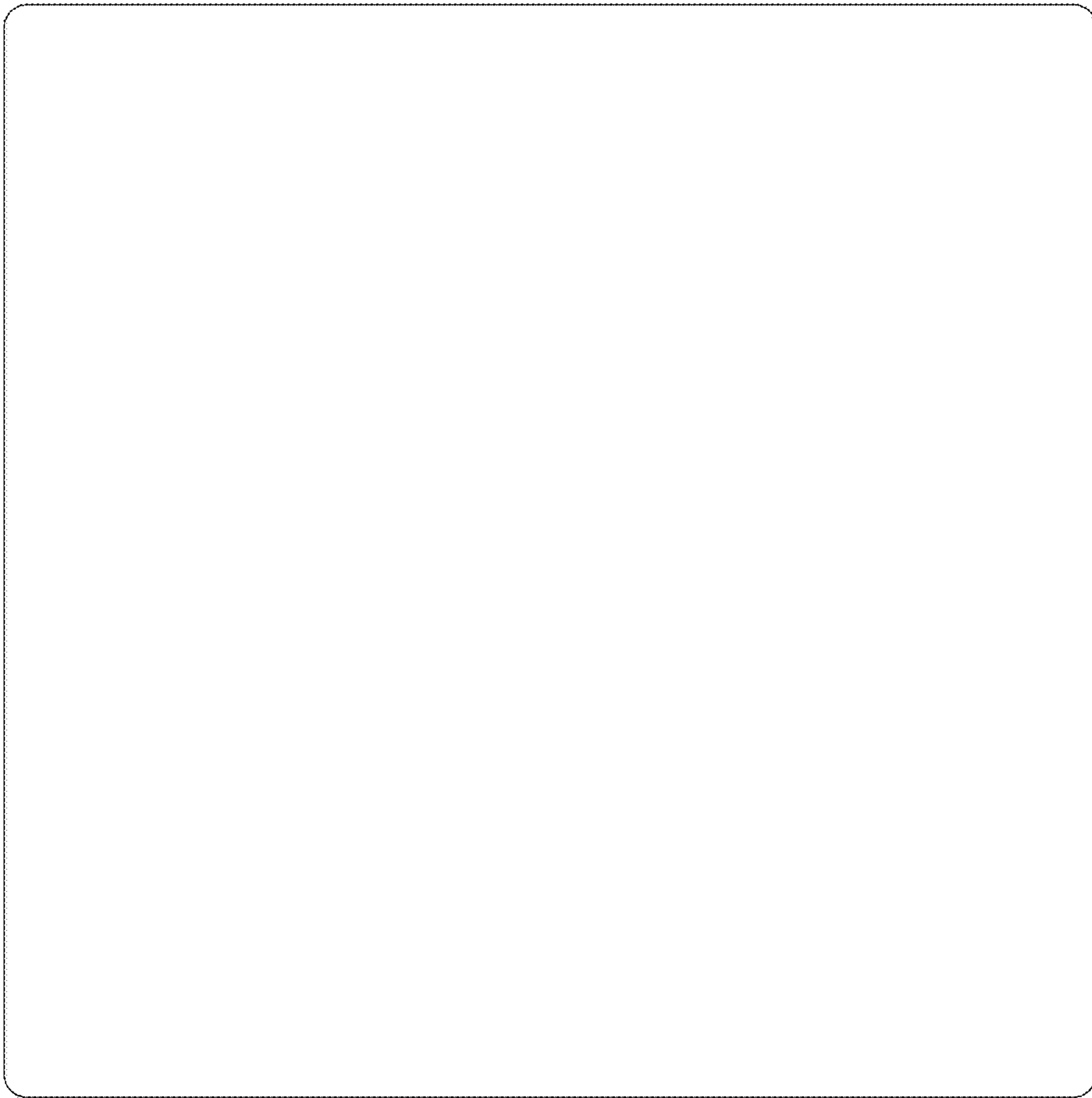


Fig. 10

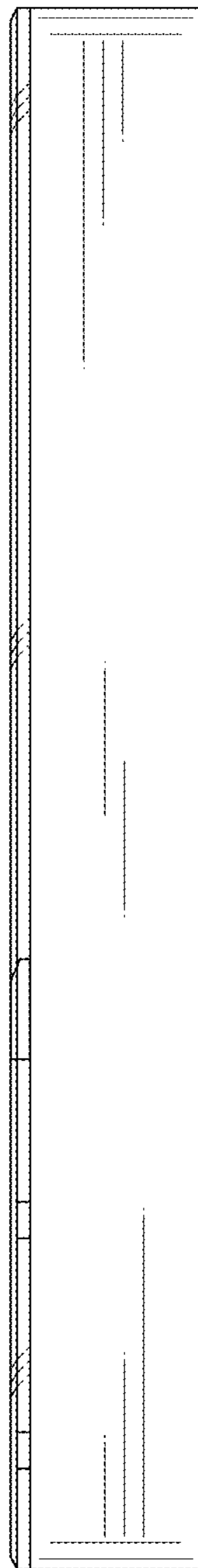


Fig. 11

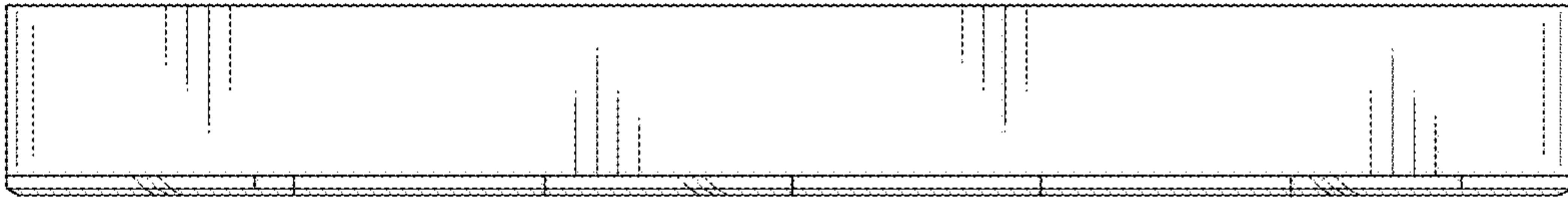


Fig. 12

