



US00D688780S

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

(10) **Patent No.:** **US D688,780 S**  
(45) **Date of Patent:** **\*\* Aug. 27, 2013**

(54) **AIR CONDITIONER**

Japanese Notification of Reasons for Refusal dated Dec. 4, 2012 issued in Japanese Application No. D2012-008489.

(71) Applicant: **Mitsubishi Electric Corporation,**  
Tokyo (JP)

(Continued)

(72) Inventors: **So Nakai,** Chiyoda-Ku (JP); **Yuki Sakai,**  
Chiyoda-Ku (JP)

*Primary Examiner* — Brian N Vinson

(74) *Attorney, Agent, or Firm* — Sughrue Mion, PLLC

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

(57) **CLAIM**

The ornamental design for an air conditioner, as shown and described.

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

**DESCRIPTION**

(21) Appl. No.: **29/433,266**

FIG. 1 is a front, bottom and right side perspective view of an air conditioner, showing a first embodiment of our new design;

(22) Filed: **Sep. 27, 2012**

FIG. 2 is a front elevational view thereof;

(30) **Foreign Application Priority Data**

FIG. 3 is a rear elevational view thereof;

Apr. 11, 2012 (JP) ..... 2012-008488

FIG. 4 is a left side elevational view thereof;

Apr. 11, 2012 (JP) ..... 2012-008489

FIG. 5 is a right side elevational view thereof;

(51) **LOC (9) Cl.** ..... **23-04**

FIG. 6 is a top plan view thereof;

(52) **U.S. Cl.**

FIG. 7 is a bottom plan view thereof;

USPC ..... **D23/351**

FIG. 8 is an enlarged vertical cross-sectional view thereof; taken along line 8-8 of FIG. 2, with the broken-line disclosure of the internal system understood to form no part of the claimed design;

(58) **Field of Classification Search**

USPC ..... D23/351-354, 385, 355, 357, 361;

FIG. 9 is an enlarged partial view of the sensors of the front elevational view of FIG. 2;

312/236; 62/259.1, 259.4, 262-263, 304;

FIG. 10 is a front, bottom and right side perspective view of an air conditioner, showing a second embodiment of our new design;

454/330-331, 349-350

See application file for complete search history.

(56) **References Cited**

FIG. 11 is a front elevational view thereof;

**U.S. PATENT DOCUMENTS**

FIG. 12 is a rear elevational view thereof;

D450,823 S \* 11/2001 Kobayashi ..... D23/351

FIG. 13 is a left side elevational view thereof;

D529,595 S \* 10/2006 Ueno et al. .... D23/351

FIG. 14 is a right side elevational view thereof;

(Continued)

FIG. 15 is a top plan view thereof;

**FOREIGN PATENT DOCUMENTS**

JP 1411476 S 4/2011

FIG. 16 is a bottom plan view thereof;

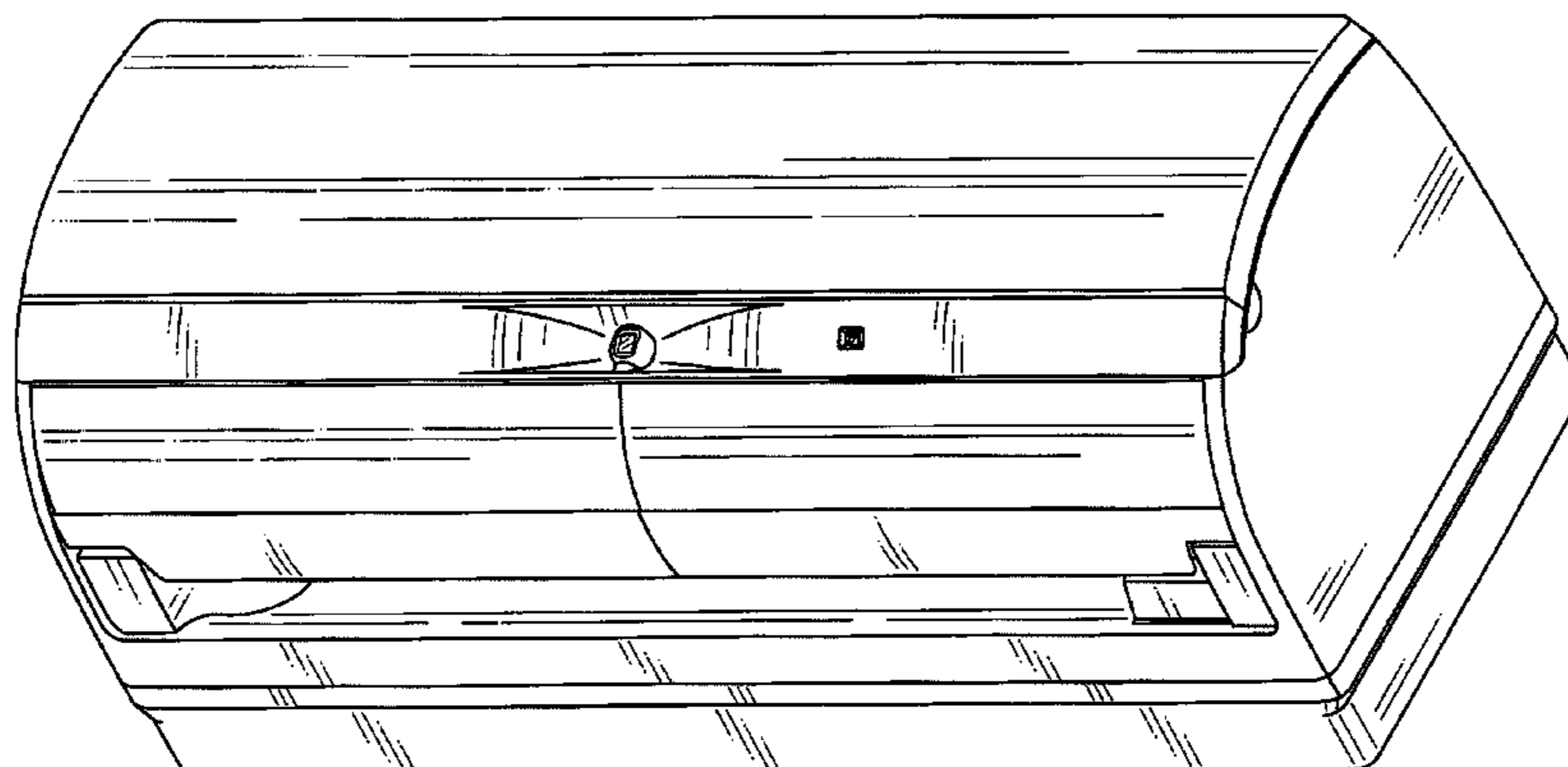
**OTHER PUBLICATIONS**

FIG. 17 is an enlarged vertical cross-sectional view thereof; taken along line 17-17 of FIG. 11, with the broken-line disclosure of the internal system understood to form no part of the claimed design; and,

FIG. 18 is an enlarged partial view of the sensors of the front elevational view of FIG. 11.

Japanese Notification of Reasons for Refusal dated Dec. 4, 2012 issued in Japanese Application No. D2012-00848.

**1 Claim, 18 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D553,724 S \* 10/2007 Nakamura ..... D23/351  
D565,158 S \* 3/2008 Nagahori ..... D23/351  
D613,843 S \* 4/2010 Ohta ..... D23/351  
D624,168 S \* 9/2010 Aketa et al. .... D23/351  
D628,686 S \* 12/2010 Motonishi et al. .... D23/351  
D642,251 S \* 7/2011 Seki ..... D23/351  
D667,095 S \* 9/2012 Yamana et al. .... D23/351  
D669,567 S \* 10/2012 Yamana et al. .... D23/351

D670,799 S \* 11/2012 Yamana et al. .... D23/351  
D676,119 S \* 2/2013 Baek et al. .... D23/351

OTHER PUBLICATIONS

Japanese Decision of Refusal dated Mar. 12, 2013, issued in Japanese Application No. D2012-008488.  
Japanese Decision of Refusal dated Mar. 12, 2013, issued in Japanese Application No. D2012-008489.

\* cited by examiner

Fig. 1



Fig. 2

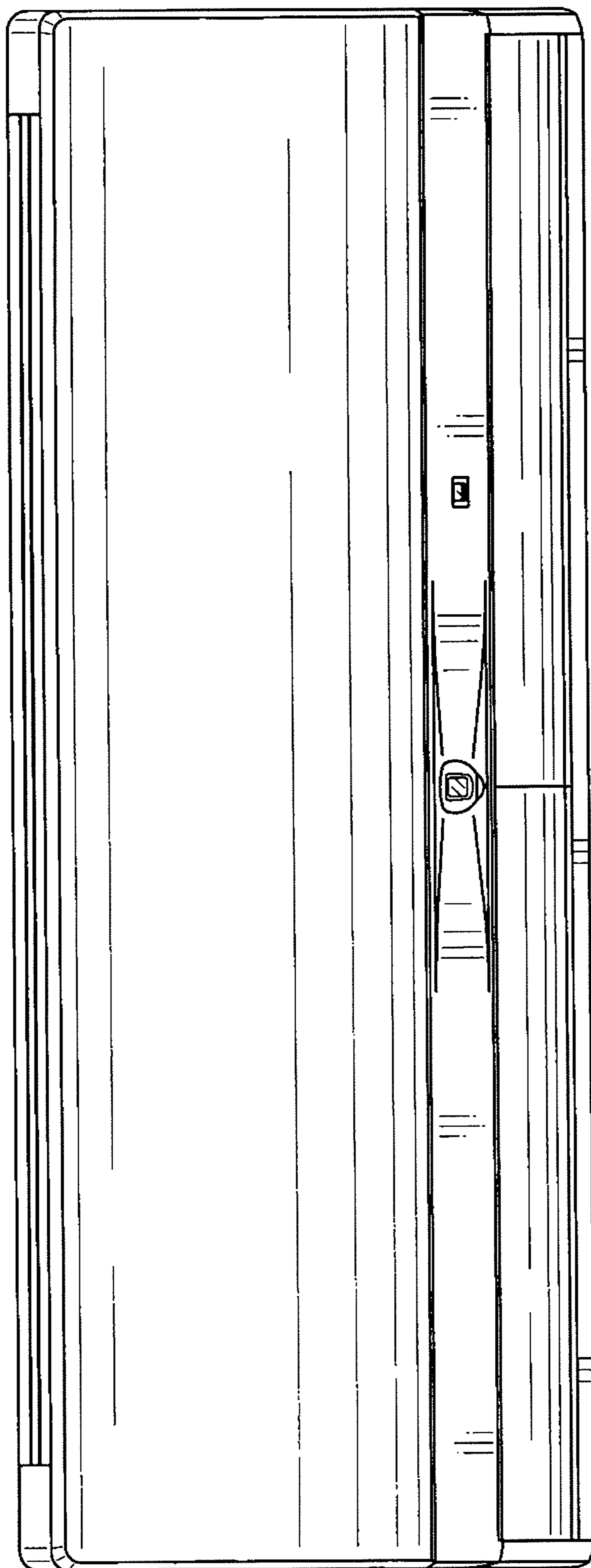
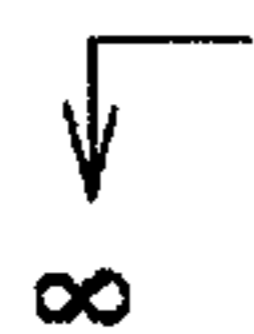


Fig. 3

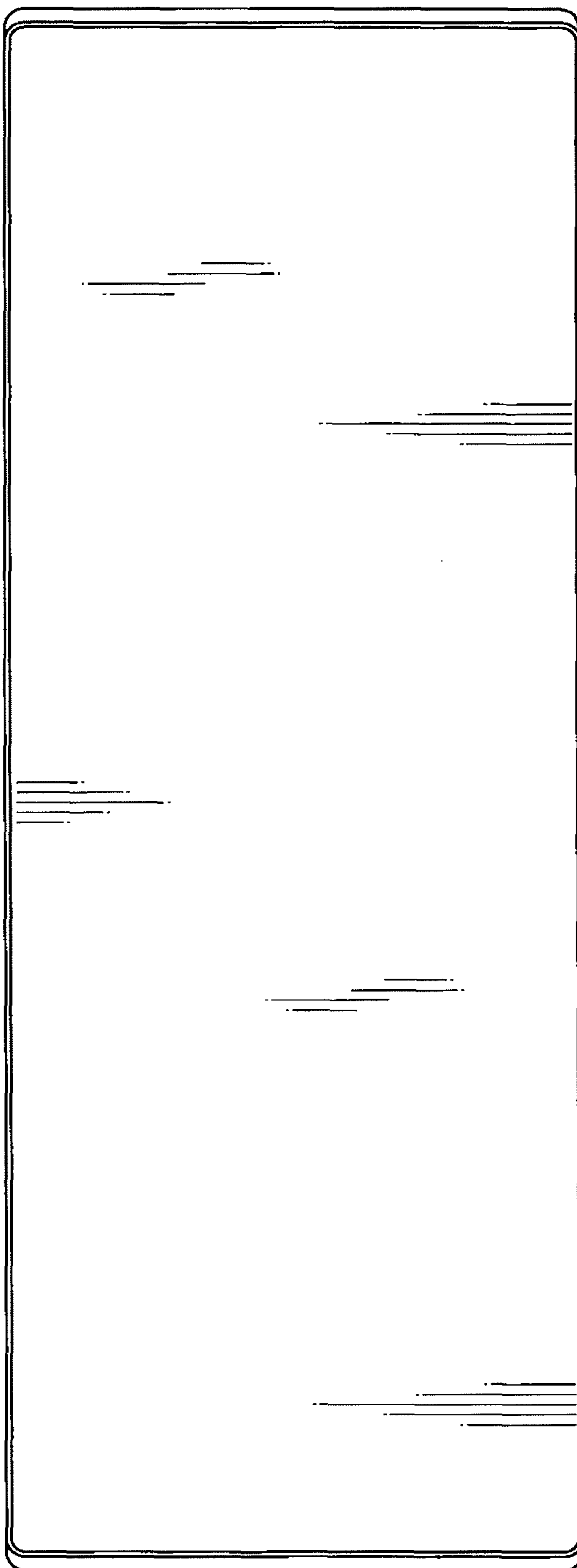


Fig. 4

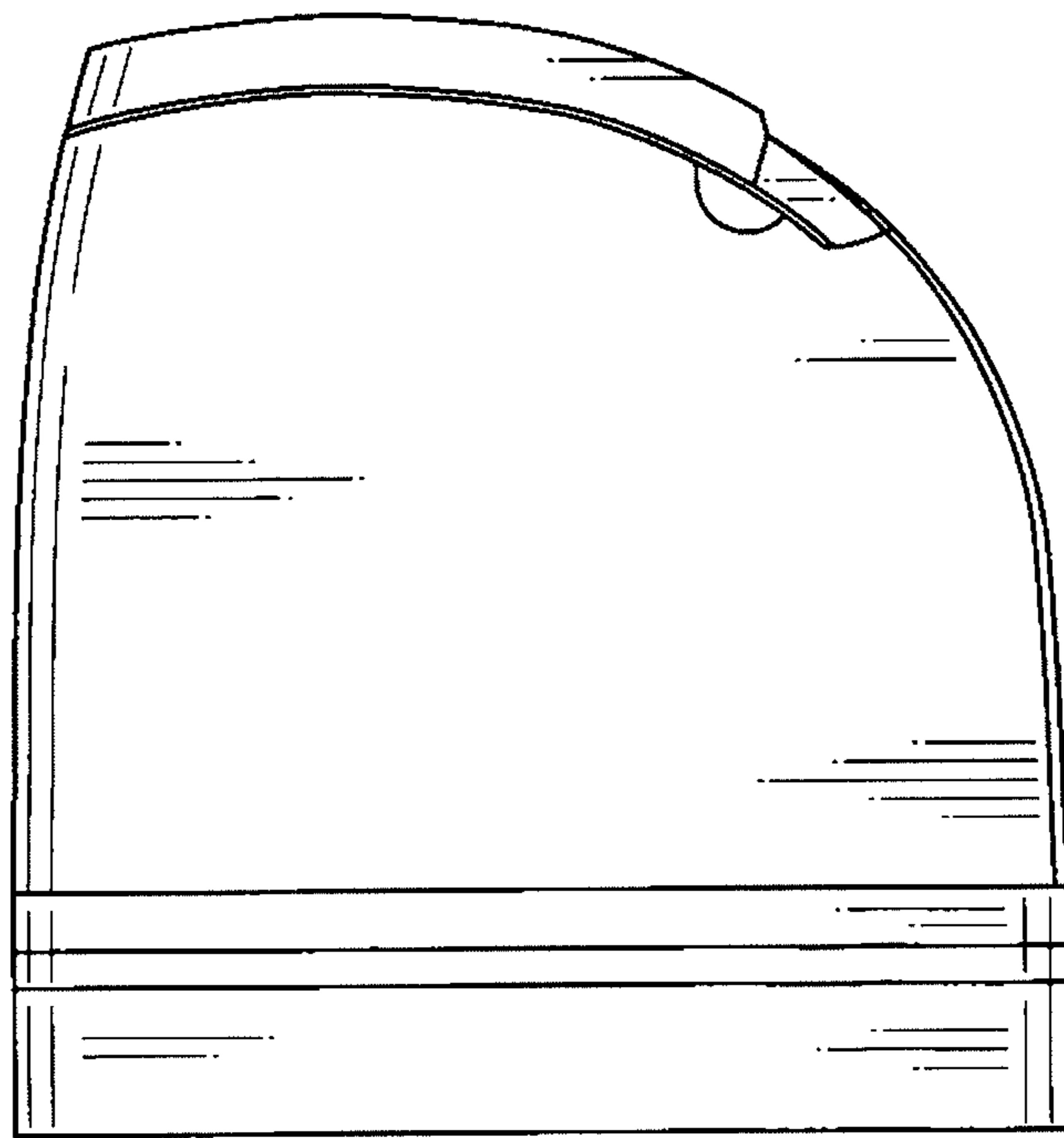


Fig. 5

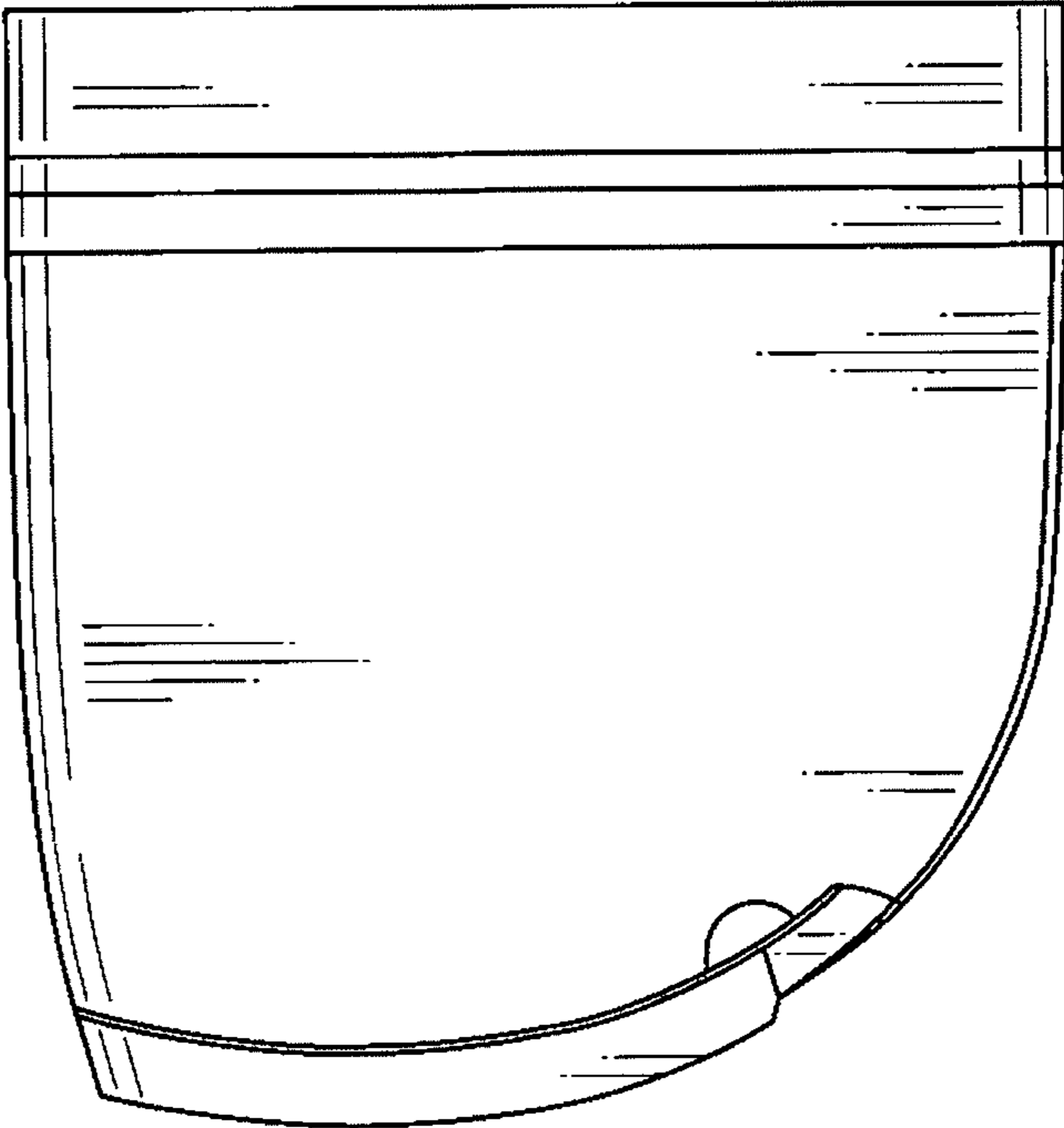


Fig. 6

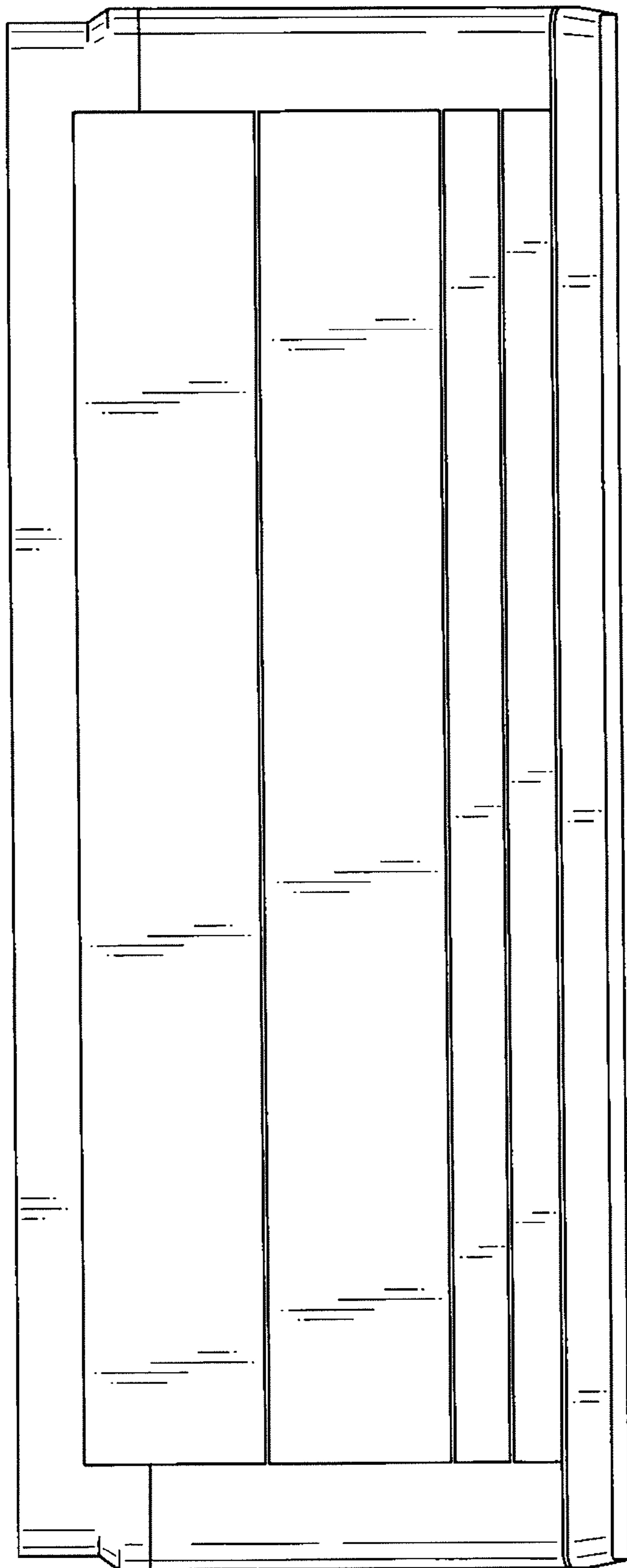




Fig. 7

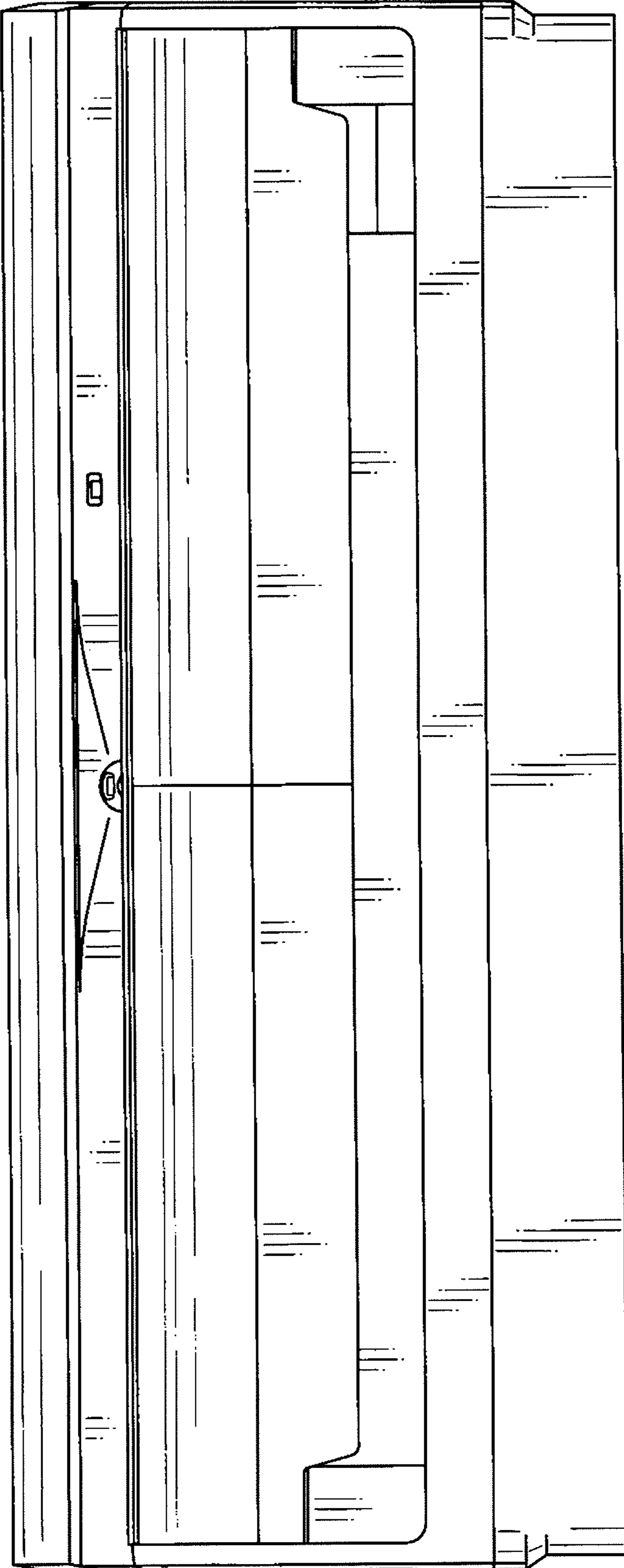


Fig. 8

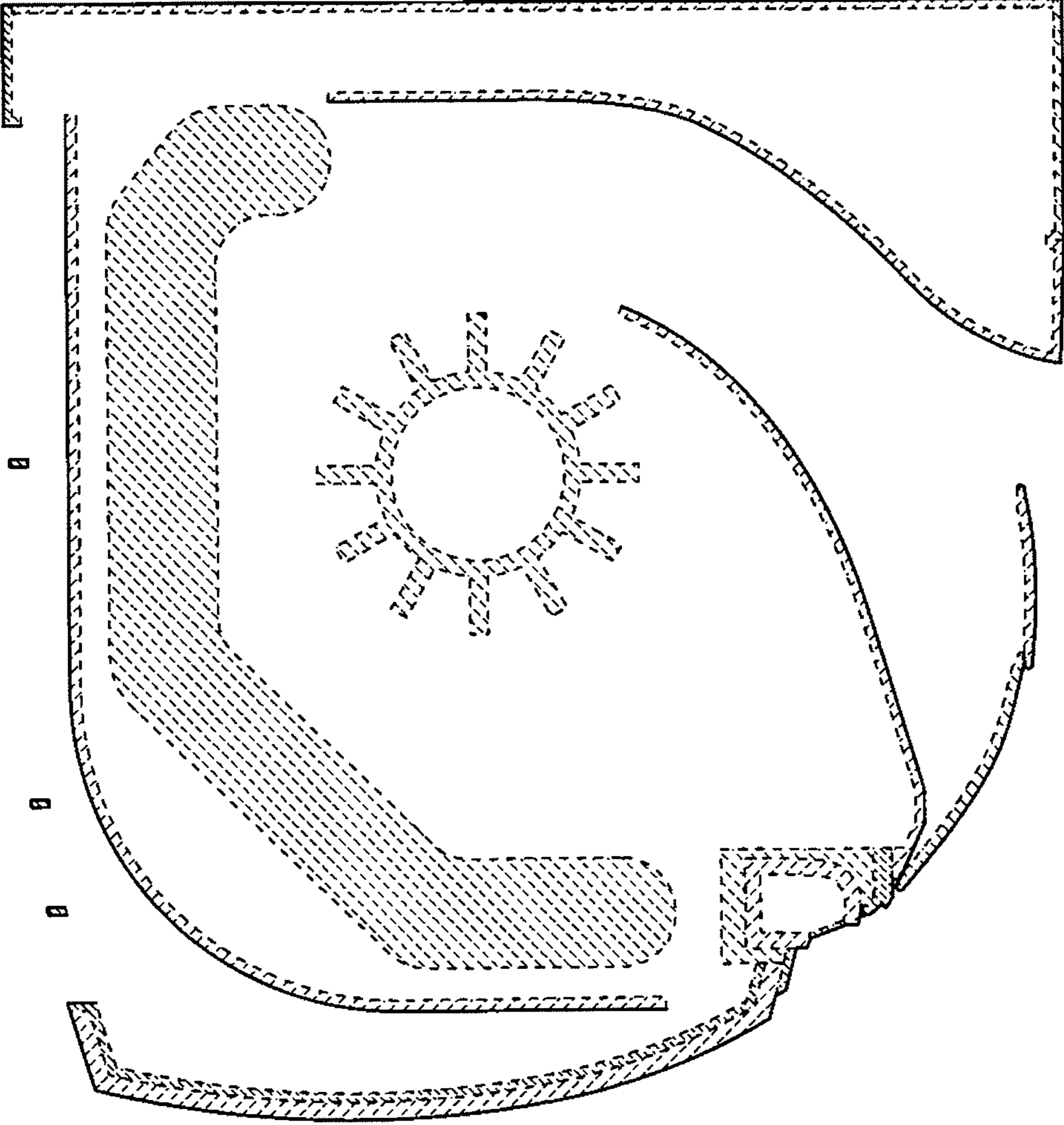


Fig. 9

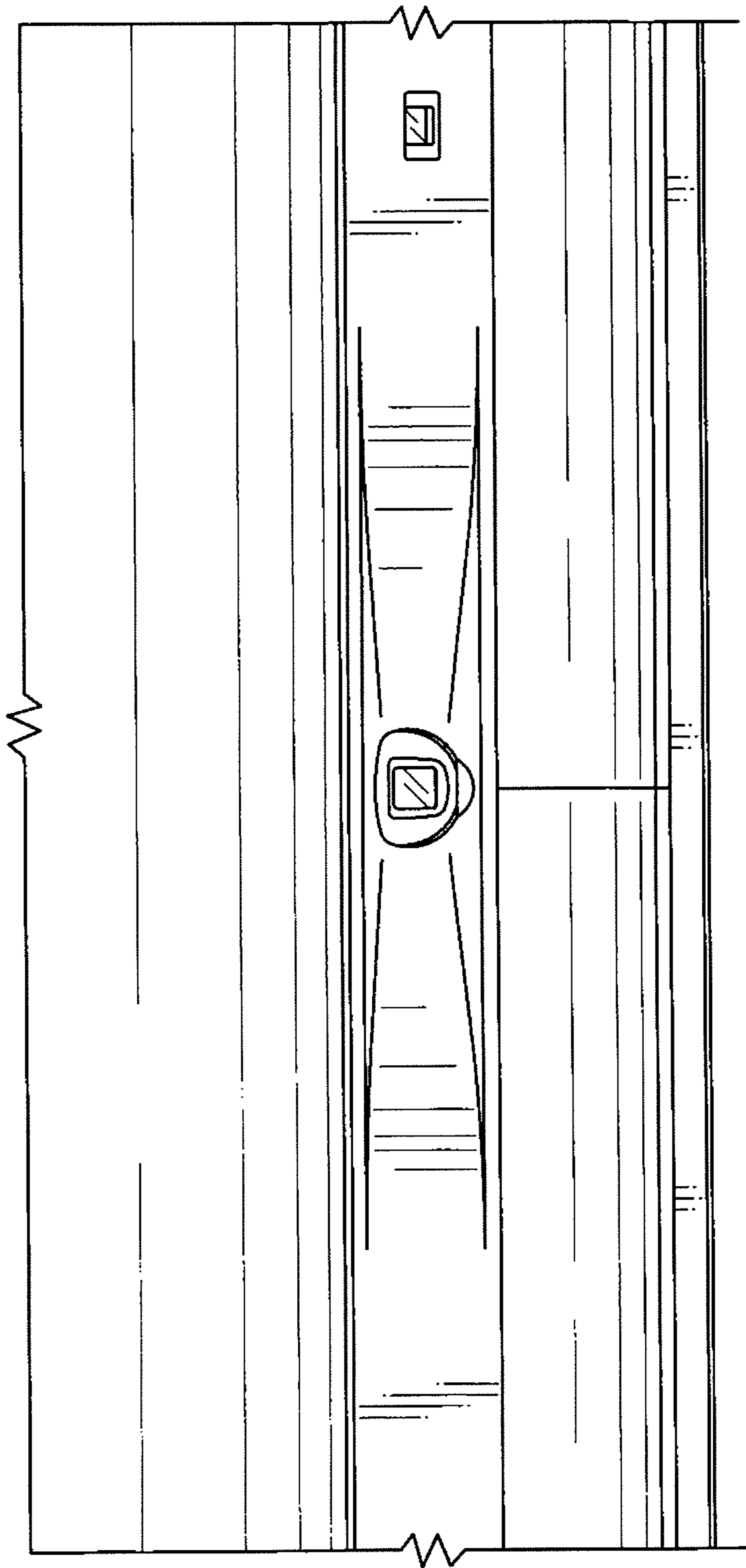


Fig. 10

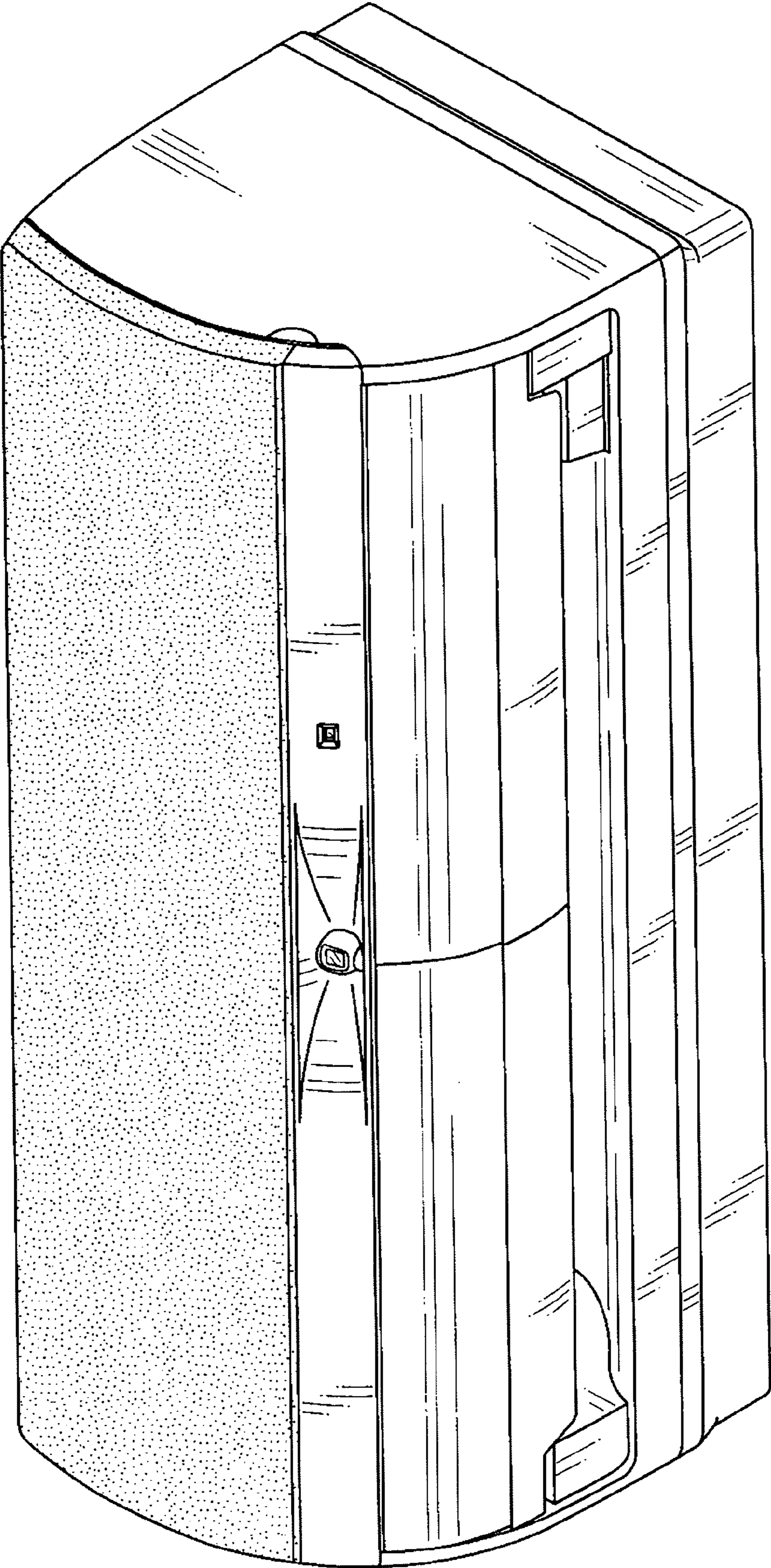
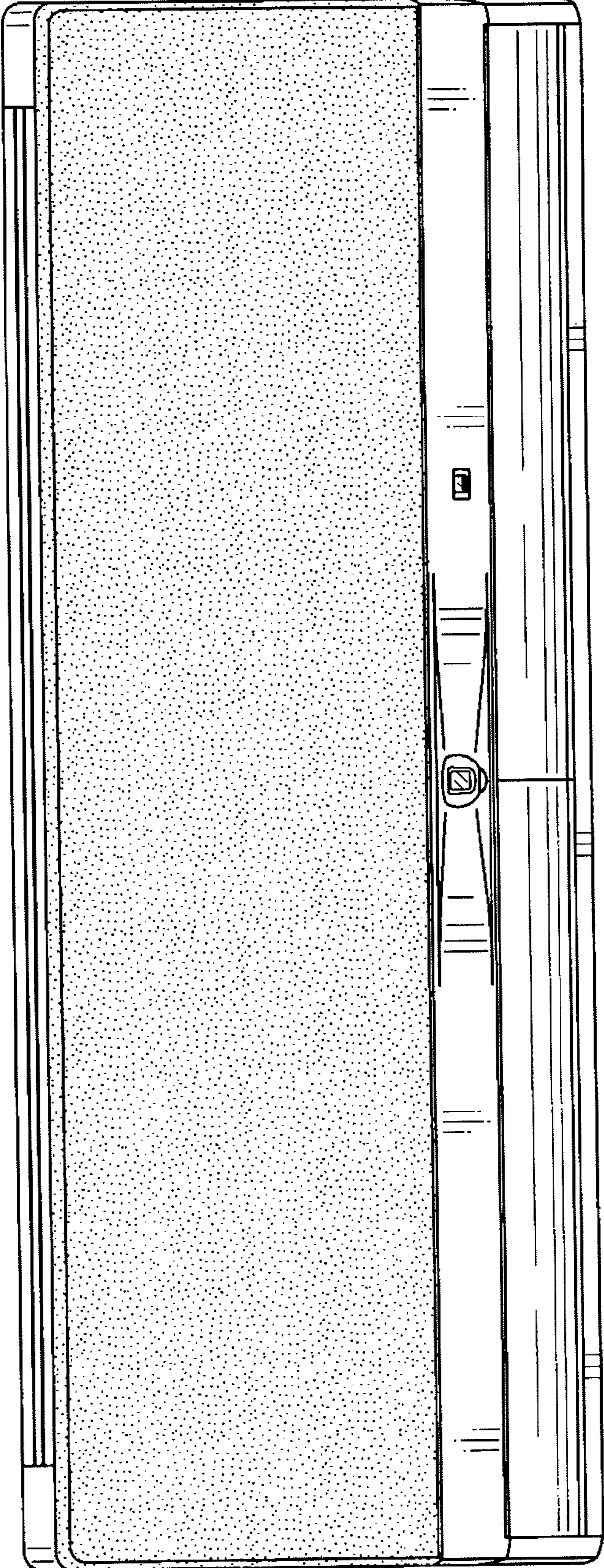


Fig. 11

17 ←



17 ←

Fig. 12

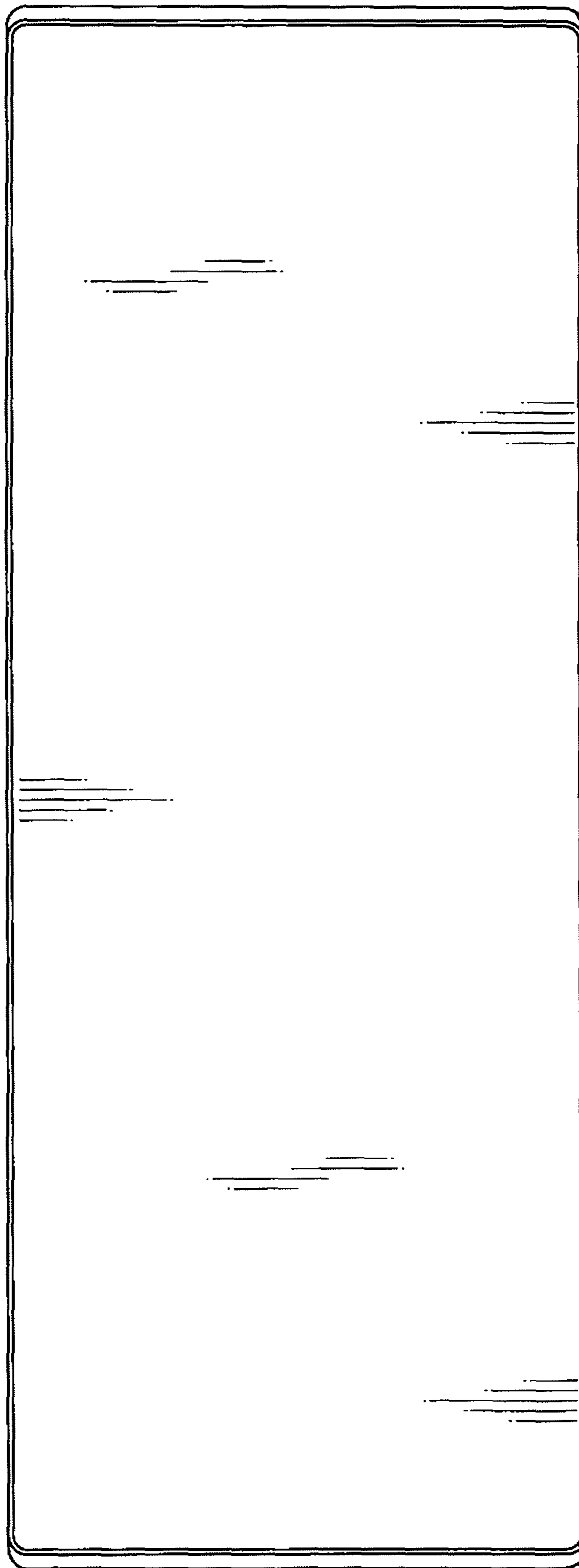


Fig. 13

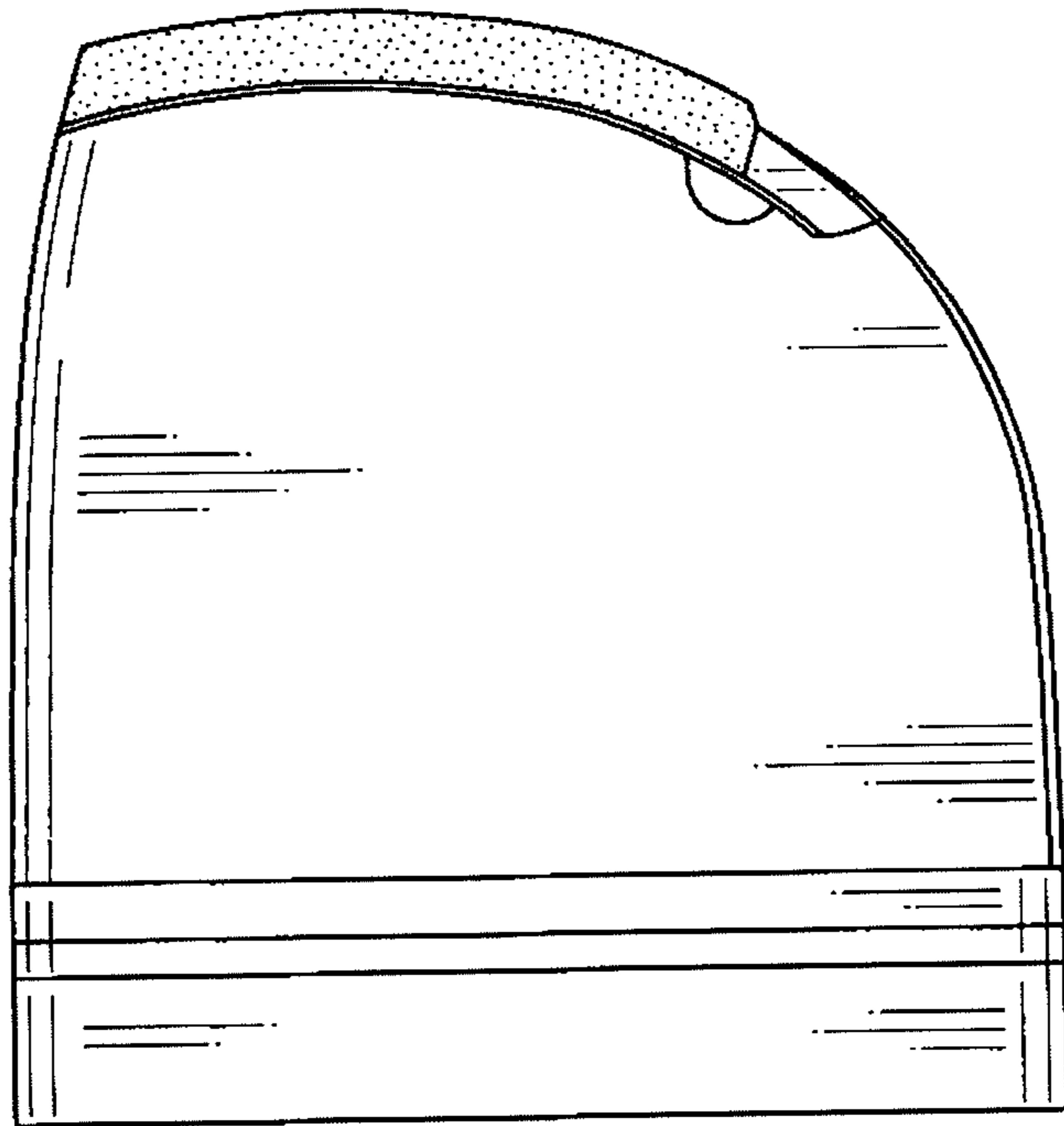


Fig. 14

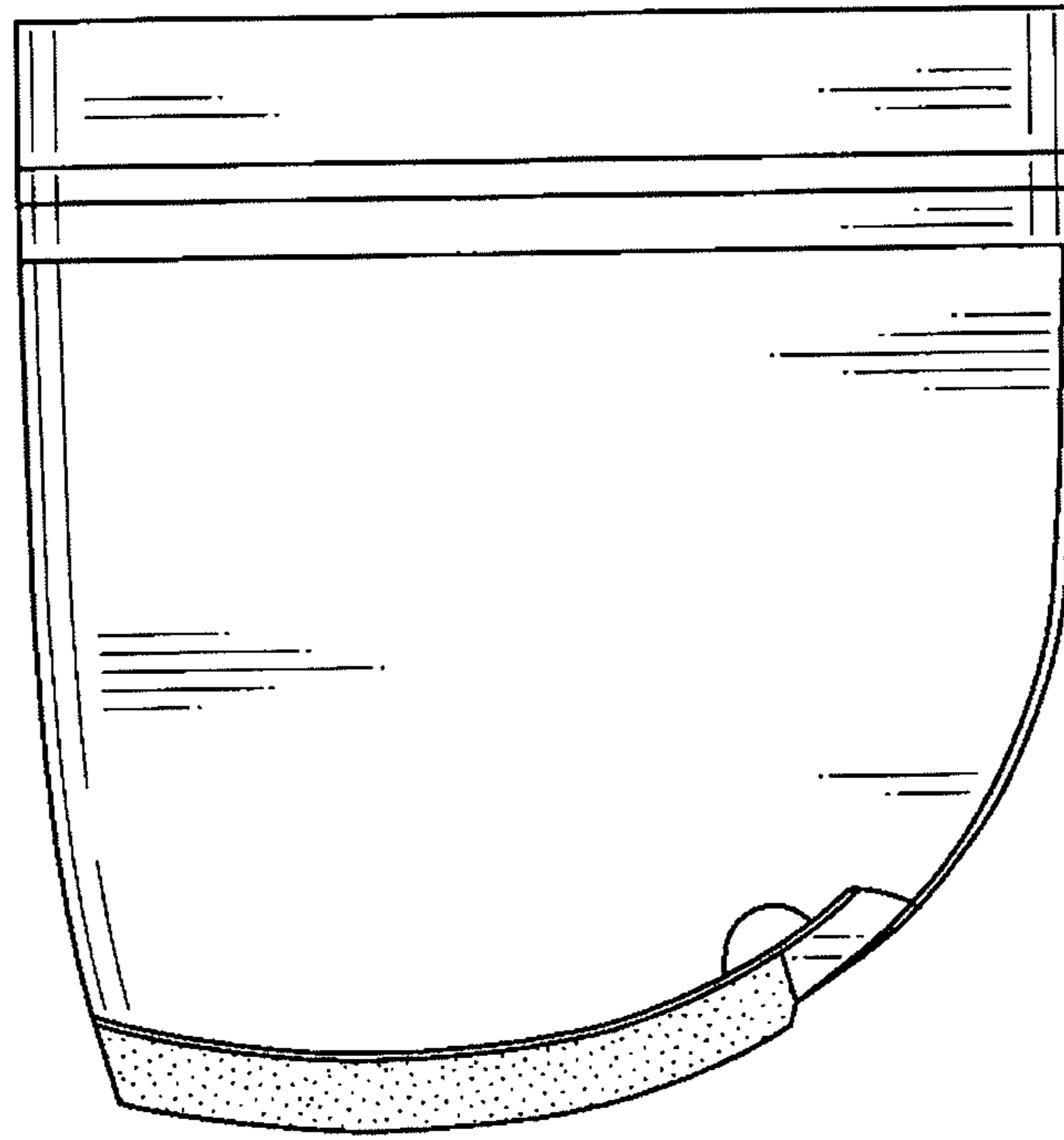




Fig. 15

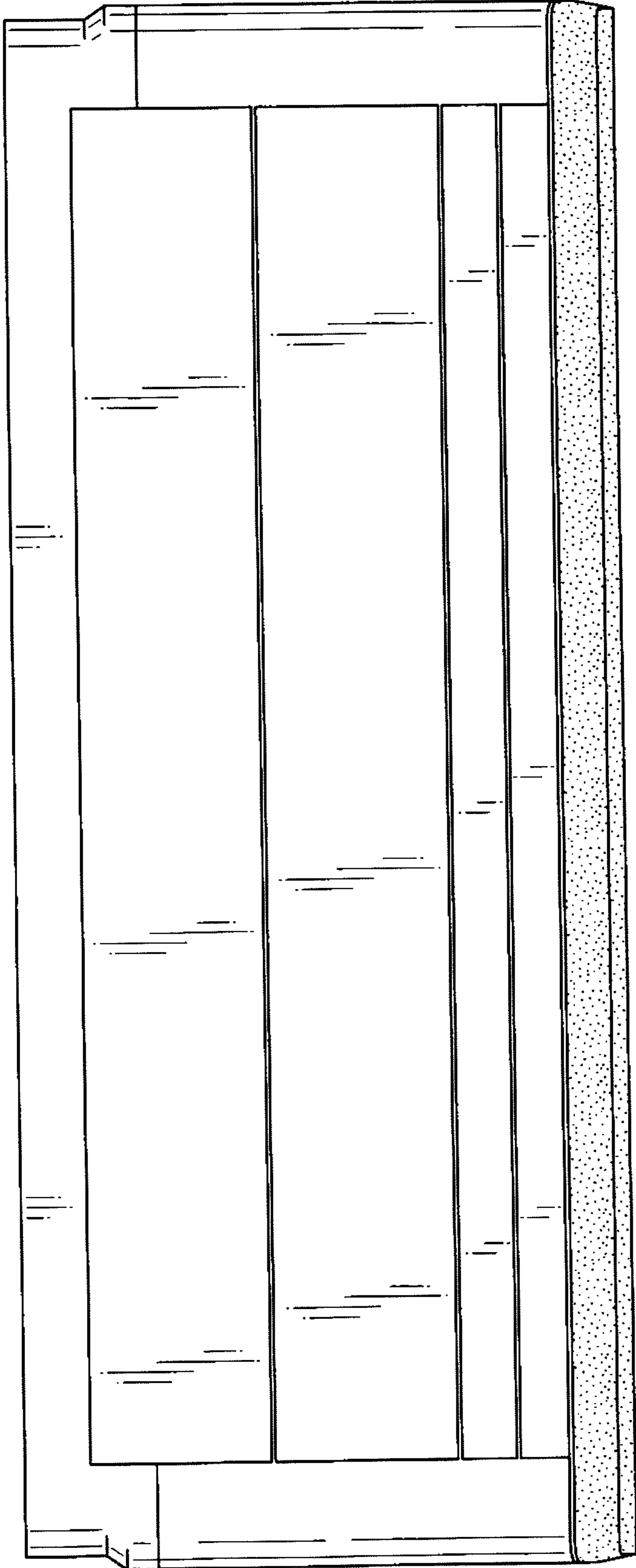


Fig. 16

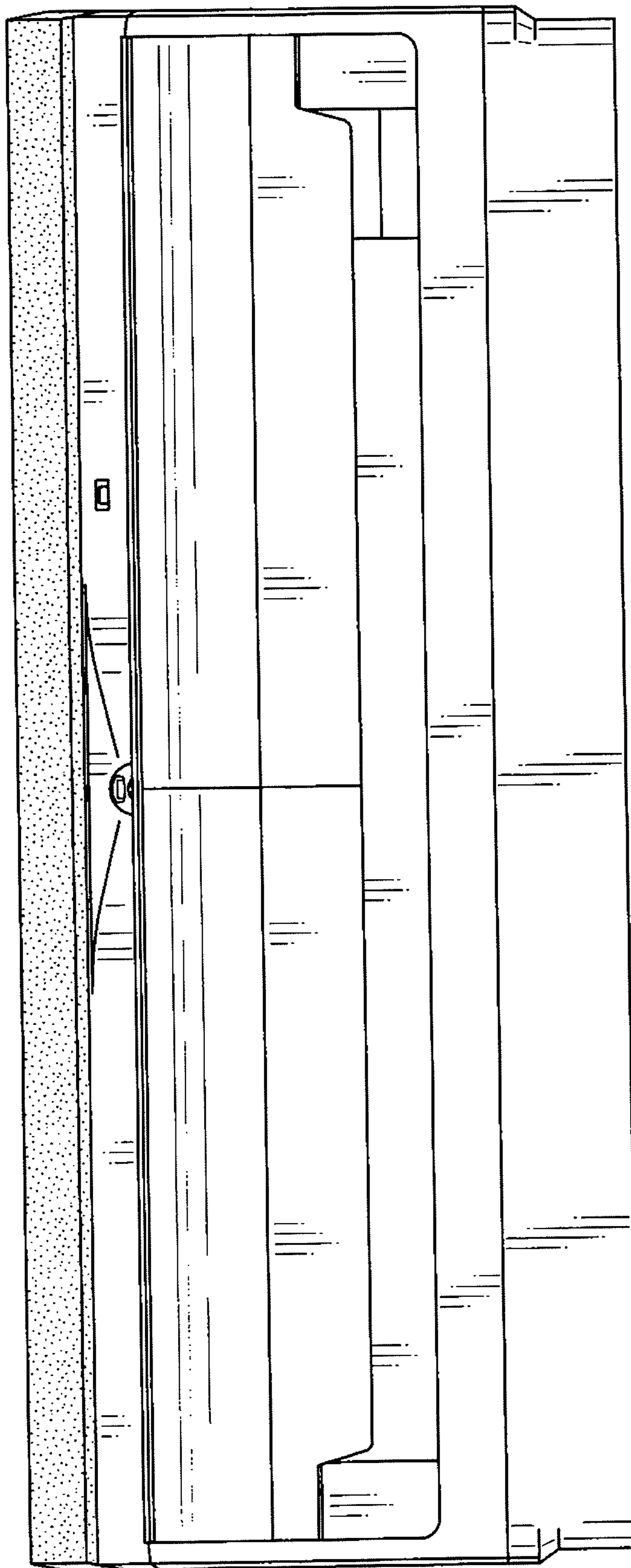


Fig. 17

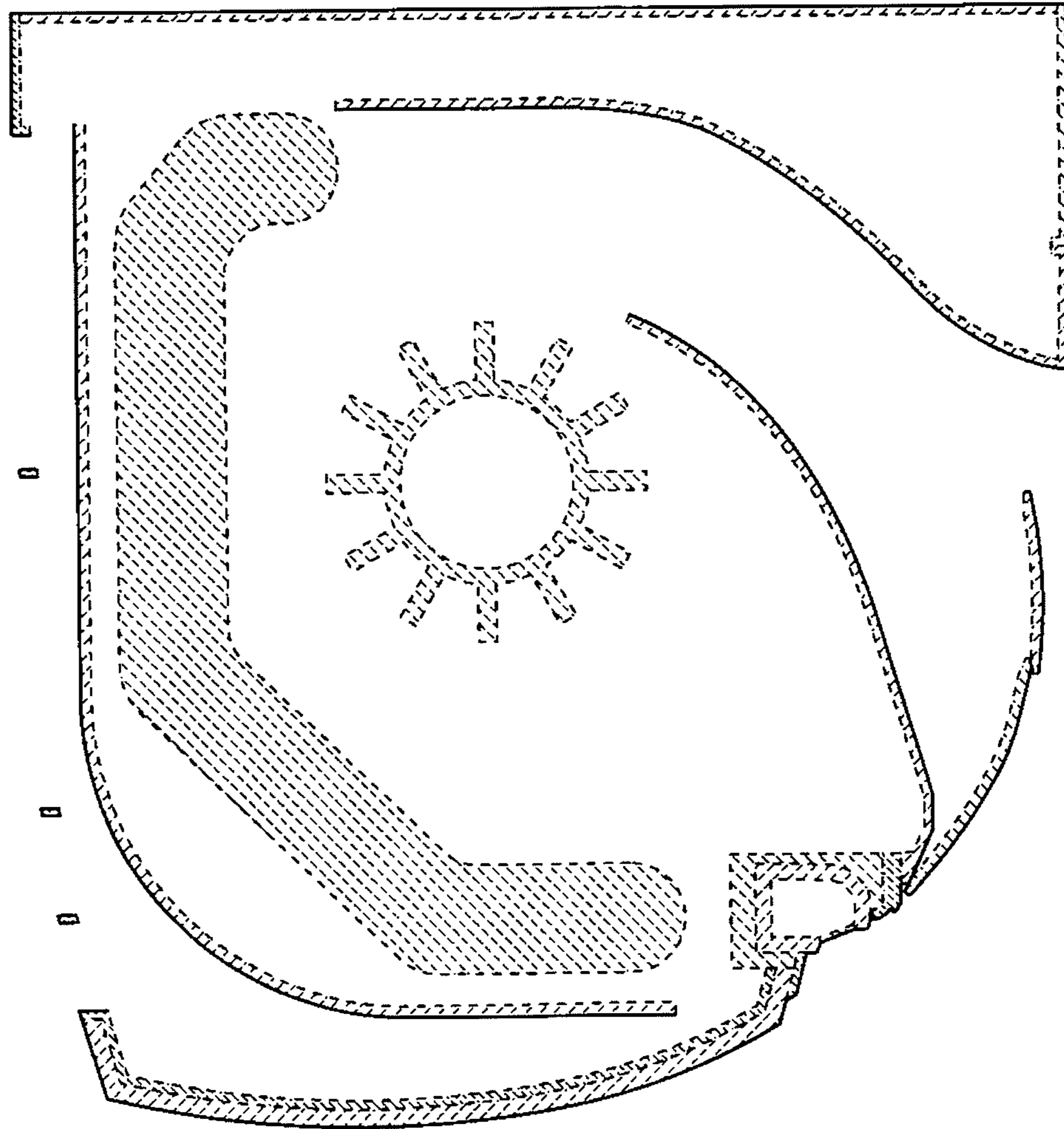


Fig. 18

