



(12) **United States Design Patent**
Sumii

(10) **Patent No.:** **US D590,391 S**
(45) **Date of Patent:** **** Apr. 14, 2009**

(54) **ARITHMETIC AND CONTROL UNIT**

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(73) Assignee: **Sony Corporation**, Tokyo (JP)

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

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(51) **LOC (9) Cl.** **14-02**

(52) **U.S. Cl.** **D14/356**

(58) **Field of Classification Search** D14/300-301,
D14/313-314, 348-349, 351-370, 432, 435-436,
D14/496, 137, 155, 167-168, 240, 214, 299;
D13/149, 162, 184, 199; D3/201, 273; 711/100,
711/115; 361/685; 360/132-133, 135; 312/223.1,
312/223.2; 369/34.01, 36.01, 272.1; 379/93.01;
720/613

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D227,785 S * 7/1973 Wringer D14/233

(Continued)

FOREIGN PATENT DOCUMENTS

JP D1201299 S 4/2004

OTHER PUBLICATIONS

“CES: Gates and team show off Microsoft’s consumer chops”,
Between the Lines, ZDNet.com, [online] Jan. 7, 2007 [retrieved on
Dec. 3, 2007]. Retrieved from the Internet <URL: <http://blogs.zdnet.com/BTL/?p=4237>>.*

(Continued)

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PLLC

(57) **CLAIM**

The ornamental design for an arithmetic and control unit, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a first embodiment of an arithmetic and control unit showing my new design;

FIG. 2 is a front elevational view thereof;

FIG. 3 is a rear elevation 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; and

FIG. 7 is a bottom plan view thereof.

FIG. 8 is a perspective view of a second embodiment of an arithmetic and control unit showing my new design;

FIG. 9 is a front elevational view thereof;

FIG. 10 is a rear elevation view thereof;

FIG. 11 is a left side elevational view thereof;

FIG. 12 is a right side elevational view thereof;

FIG. 13 is a top plan view thereof; and

FIG. 14 is a bottom plan view thereof.

FIG. 15 is a perspective view of a third embodiment of an arithmetic and control unit showing my new design;

FIG. 16 is a front elevational view thereof;

FIG. 17 is a rear elevation view thereof;

FIG. 18 is a left side elevational view thereof;

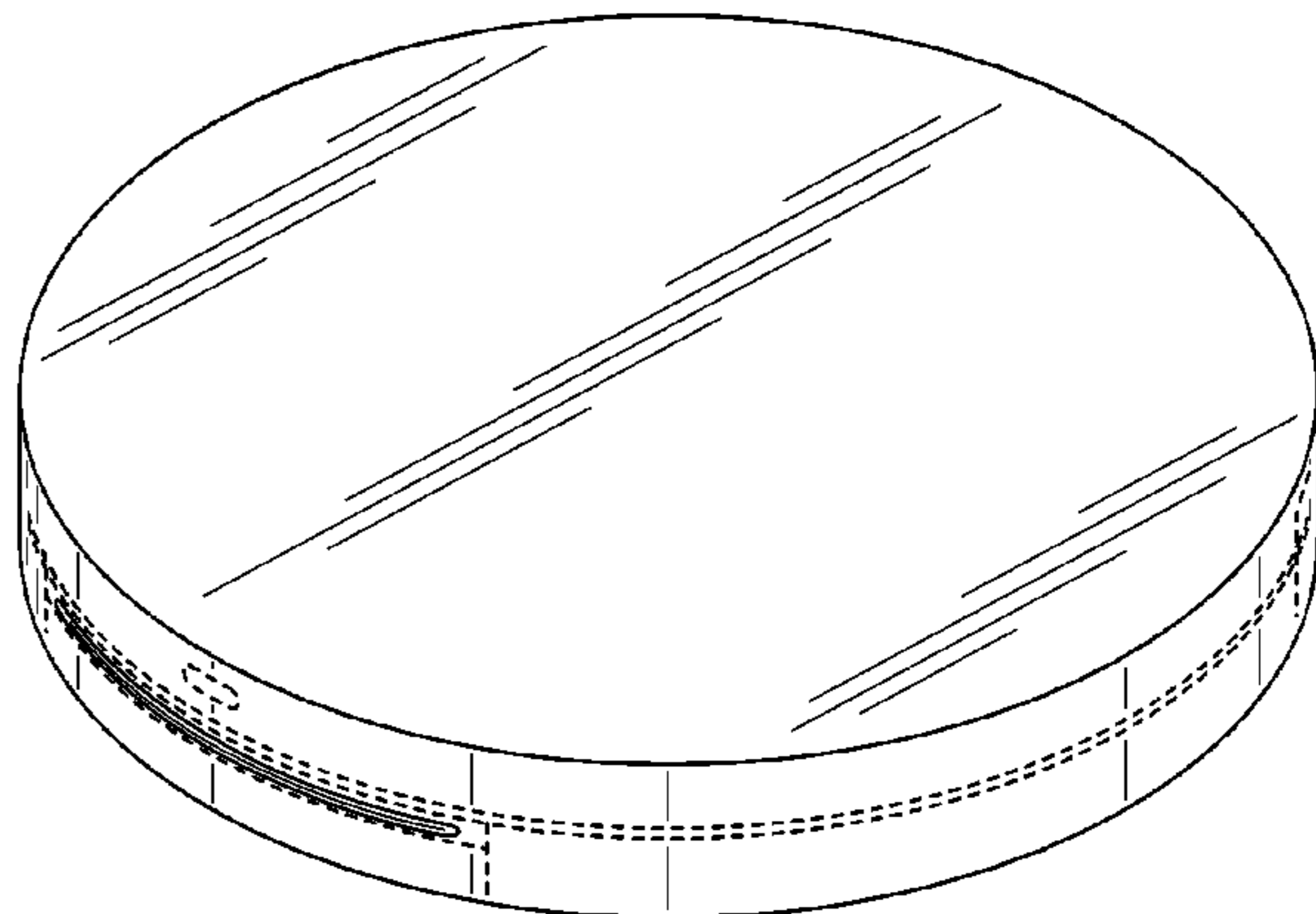
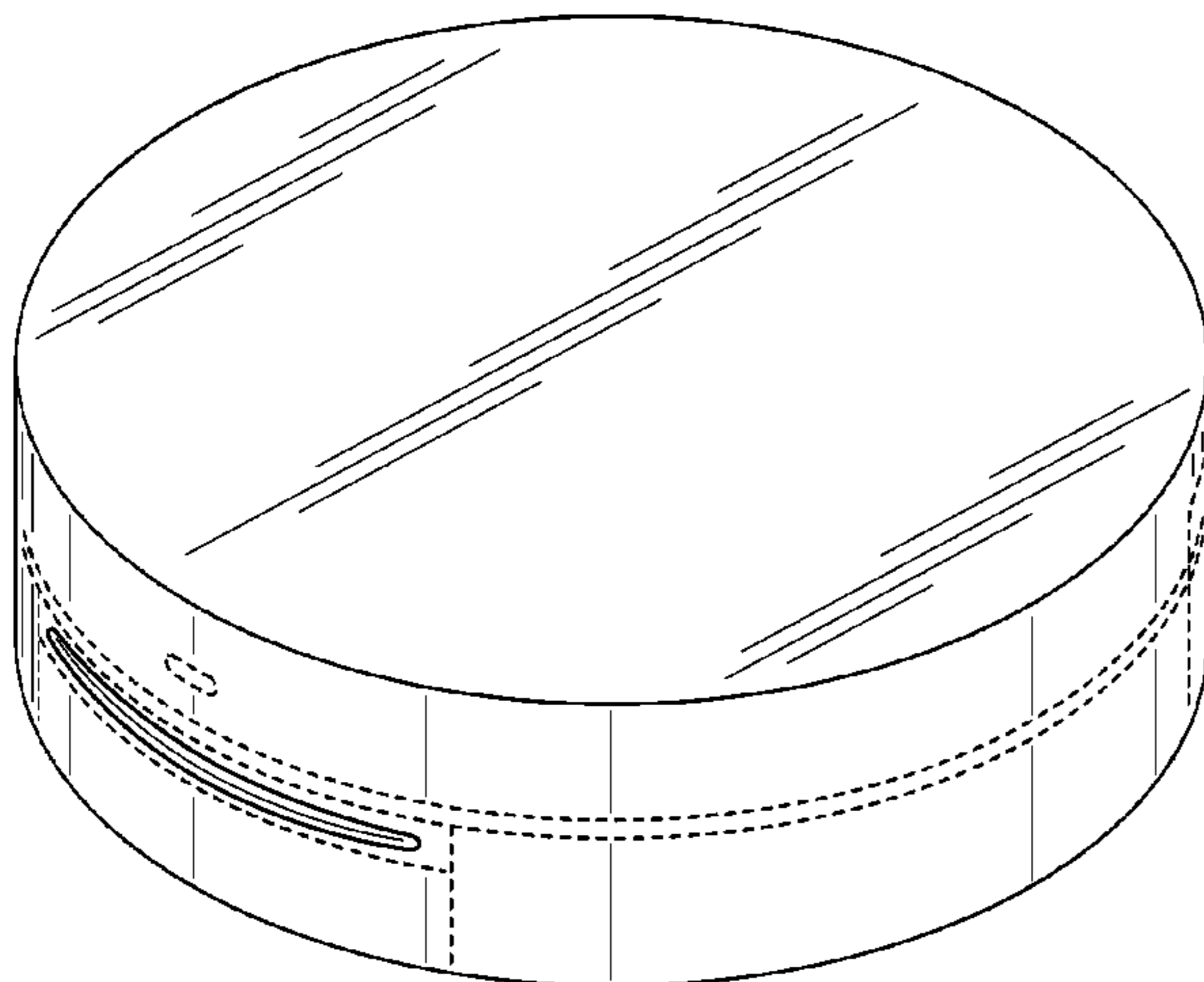
FIG. 19 is a right side elevational view thereof;

FIG. 20 is a top plan view thereof; and,

FIG. 21 is a bottom plan view thereof.

The portions indicated in broken lines are for illustrative purposes only and form no part of the claimed design.

1 Claim, 21 Drawing Sheets



U.S. PATENT DOCUMENTS

D274,048 S * 5/1984 Wong et al. D10/106
 D295,173 S * 4/1988 Oren D14/168
 D308,521 S * 6/1990 Lonczak D14/230
 D327,690 S * 7/1992 Ogawa et al. D14/230
 D366,657 S * 1/1996 Hallgren et al. D14/160
 D372,249 S * 7/1996 Pinchuk D14/299
 D375,488 S * 11/1996 Ikenaga D14/357
 D377,647 S * 1/1997 Fekete et al. D14/436
 D382,255 S * 8/1997 Moffatt D14/358
 D387,062 S * 12/1997 Heine D14/230
 D391,943 S * 3/1998 Han D14/356
 D391,944 S * 3/1998 Han D14/356
 D414,476 S 9/1999 Hibino
 D418,142 S * 12/1999 Liimatainen et al. D14/230
 D427,996 S * 7/2000 Heiligenstein et al. D14/230
 D436,595 S * 1/2001 Suzuki D14/432
 D451,924 S * 12/2001 Chu D14/436
 D456,807 S * 5/2002 Floyd D14/363
 D464,347 S * 10/2002 Floyd D14/363
 D465,484 S * 11/2002 Christianson D14/299
 D468,717 S * 1/2003 Cuvelier D14/168
 D471,539 S * 3/2003 Warner et al. D14/231
 D475,035 S 5/2003 Takagi

D486,815 S * 2/2004 Jones D14/168
 D496,038 S * 9/2004 Floyd D14/363
 D498,738 S 11/2004 Matsuoka
 D504,882 S * 5/2005 Bhavnani D14/188
 D507,789 S * 7/2005 Mangano D14/168
 D509,825 S 9/2005 Chen
 D510,926 S * 10/2005 Jerome D14/156
 D519,979 S 5/2006 Suzuki
 D529,019 S * 9/2006 Lim D14/172
 D533,177 S * 12/2006 Andre et al. D14/314
 D537,409 S * 2/2007 Suzuki D13/108
 D561,161 S * 2/2008 Cho D14/156
 2008/0010405 A1 * 1/2008 Allen et al. 711/115

OTHER PUBLICATIONS

“Windows Home Server: Up Close And Personal”, CrunchGear, Web Archive, [online] Jan. 12, 2007 [retrieved on Dec. 3, 2007]. Retrieved from the Internet < URL: <http://web.archive.org/web/20070112145420/http://crunchgear.com/2007/01/08/windows-home-server-up-close-and-personal/>>.*
 Kapsel.com [online], [retrieved on Nov. 27, 2006]. Retrieved from the Internet <URL: <http://www.kapsel.com/default.asp?mall=scroll&menu=press&pil=on&streck=on>>.*

* cited by examiner

Fig.1

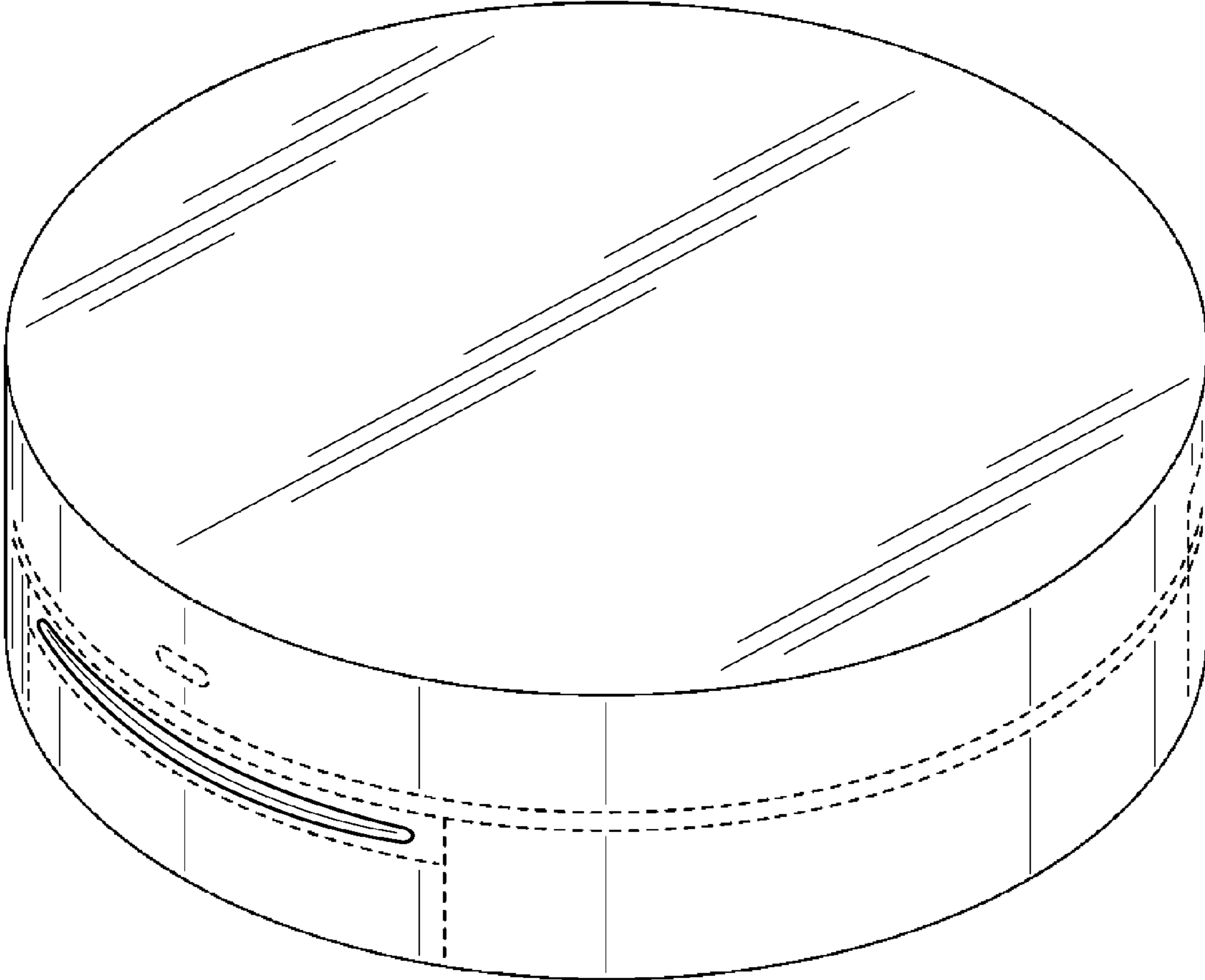


Fig.2

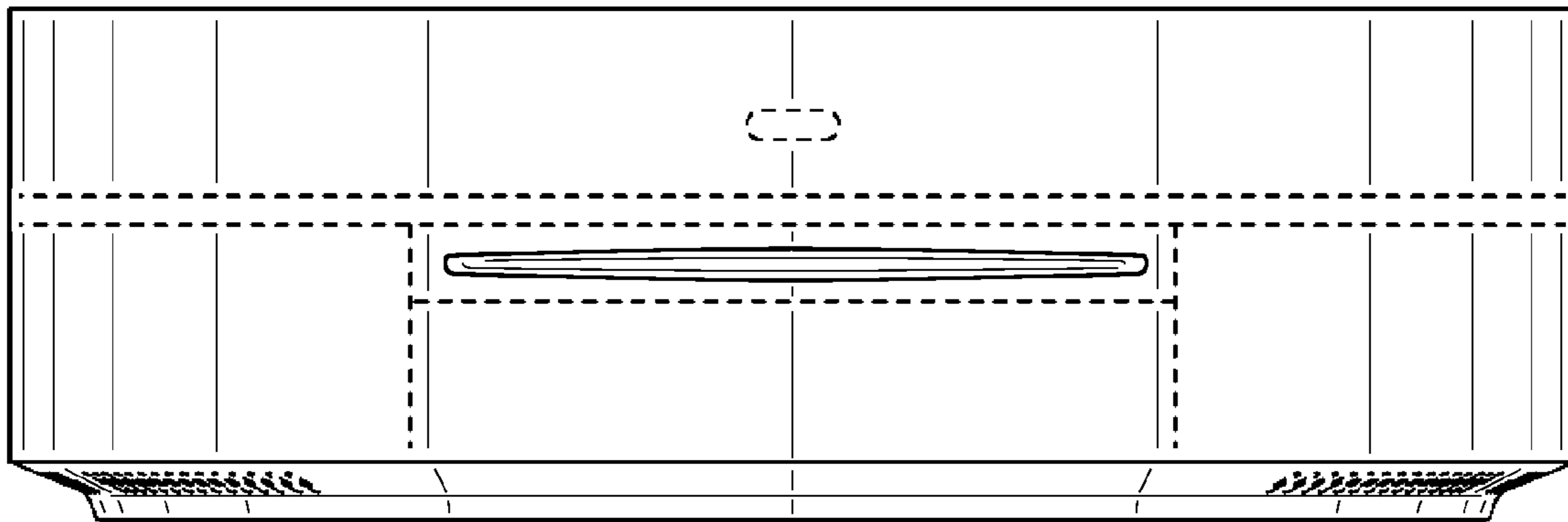


Fig.3

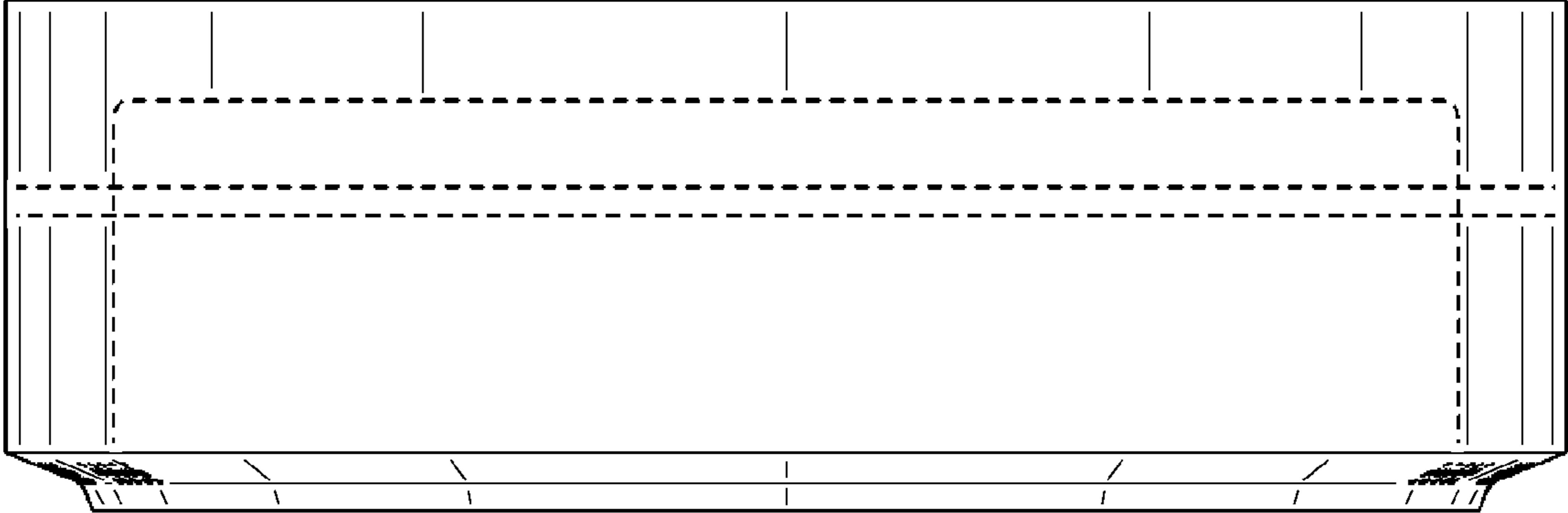


Fig.4

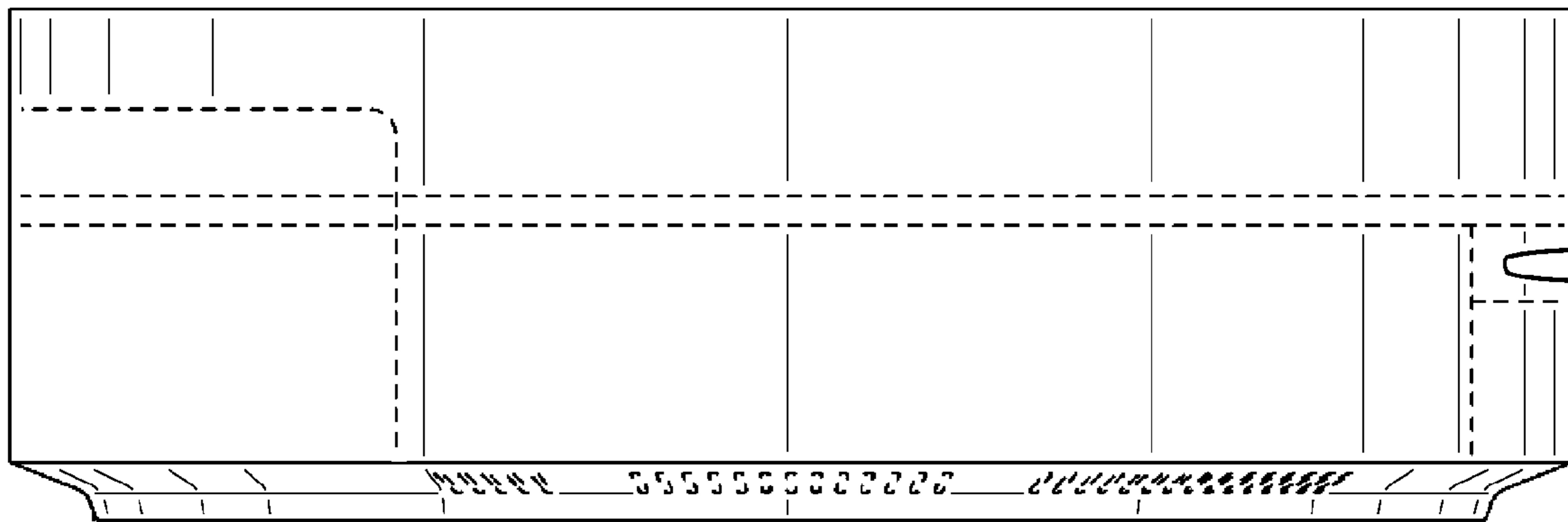


Fig.5

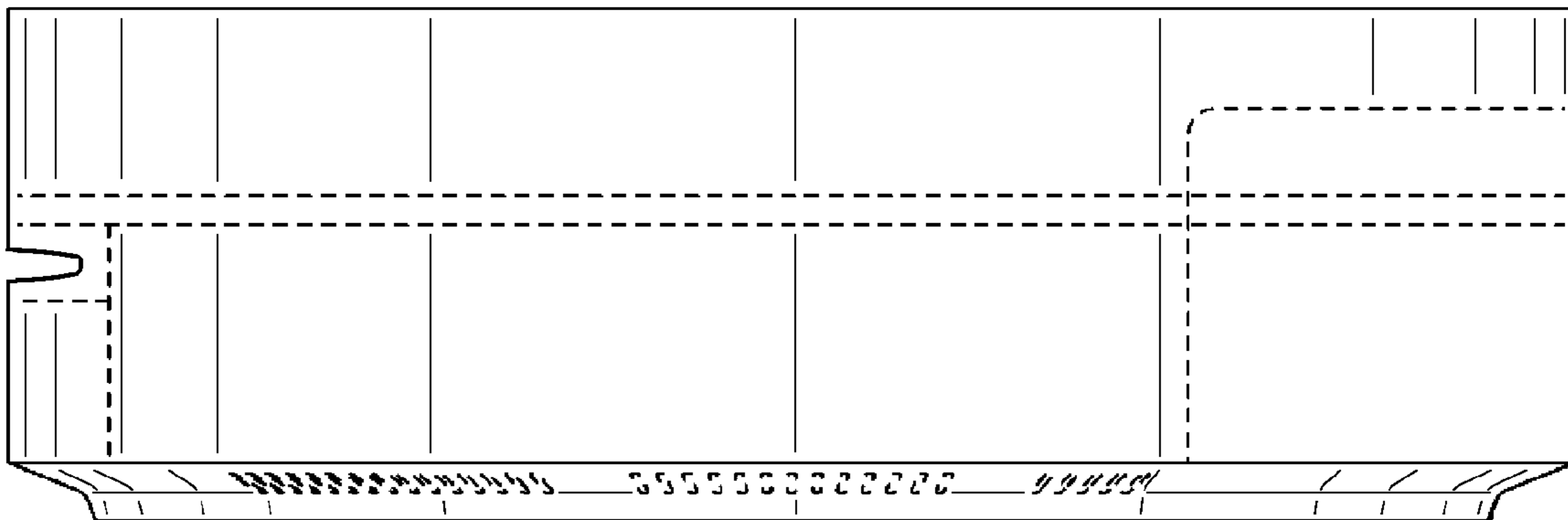


Fig.6

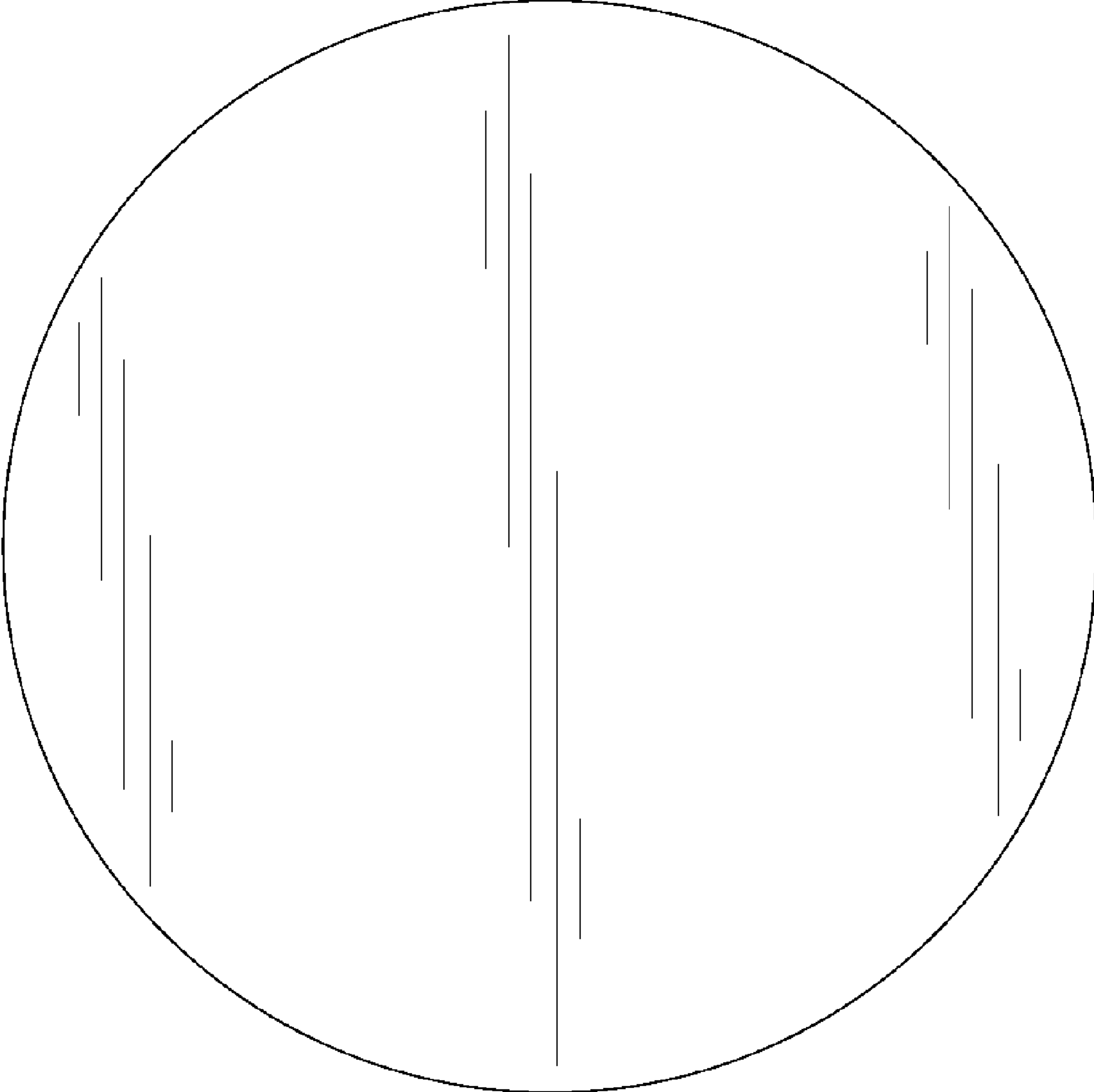


Fig.7

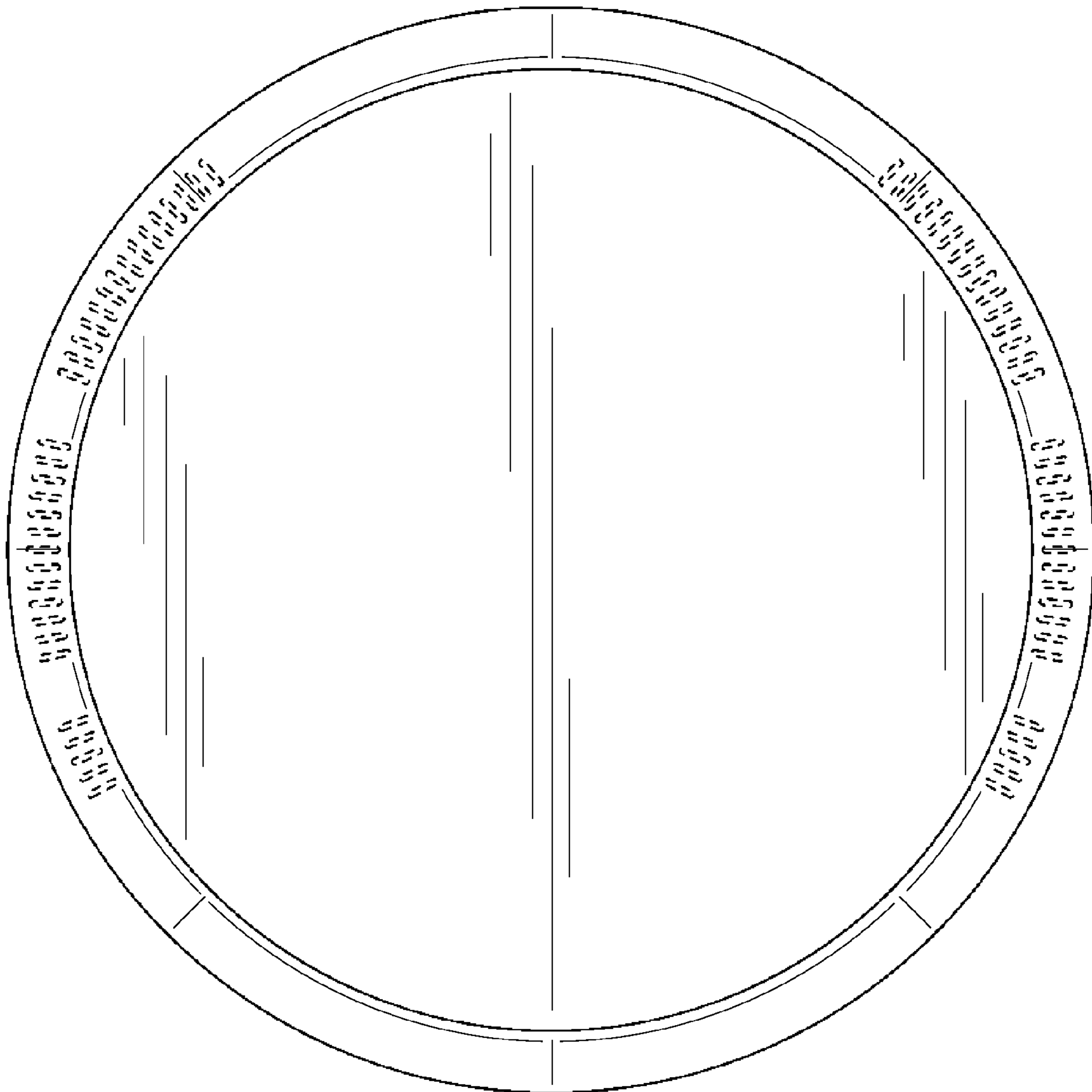


Fig.8

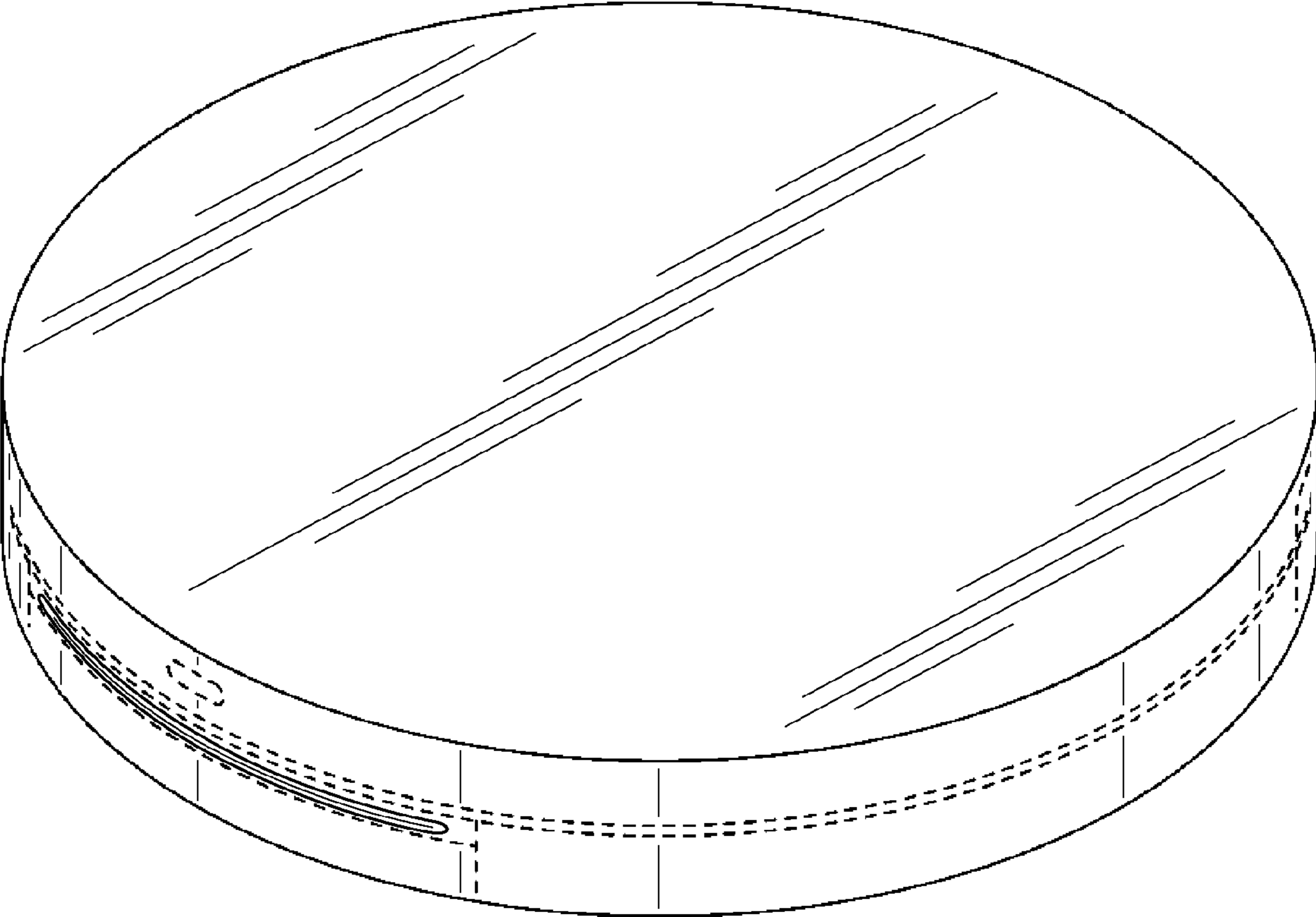


Fig.9

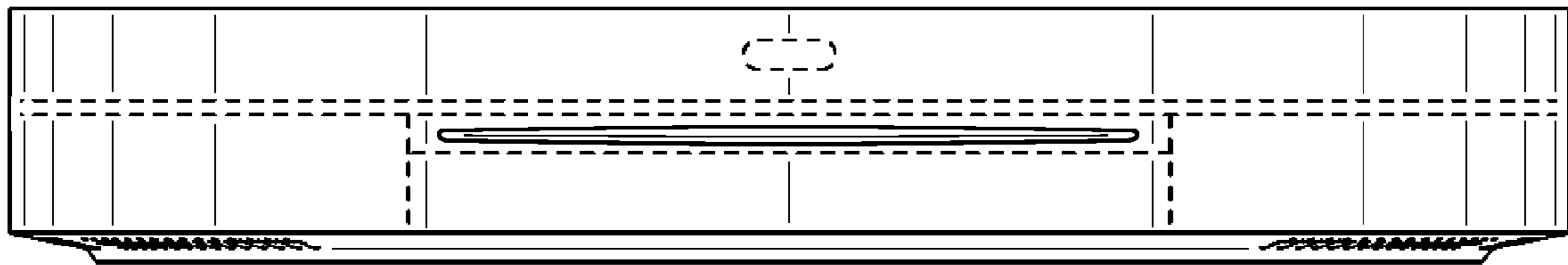


Fig.10

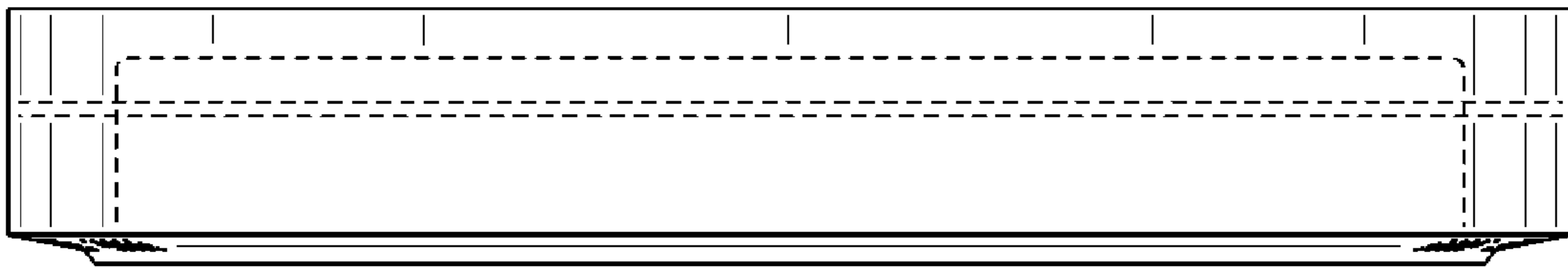


Fig.11

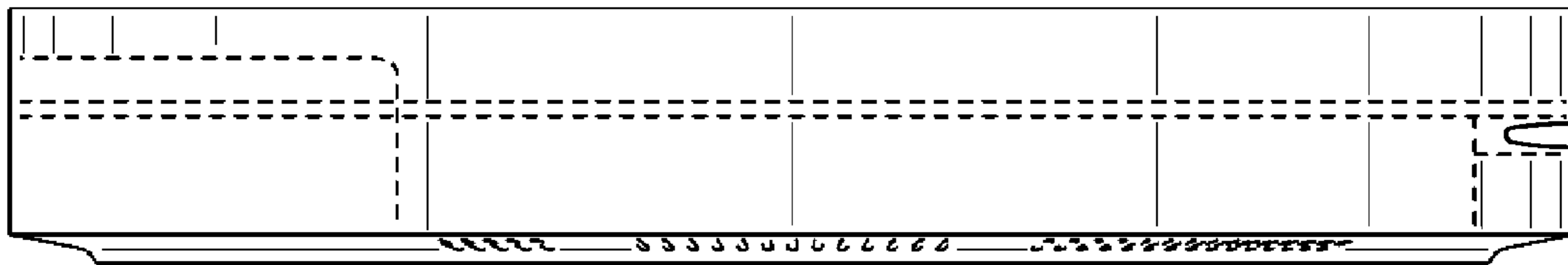


Fig.12

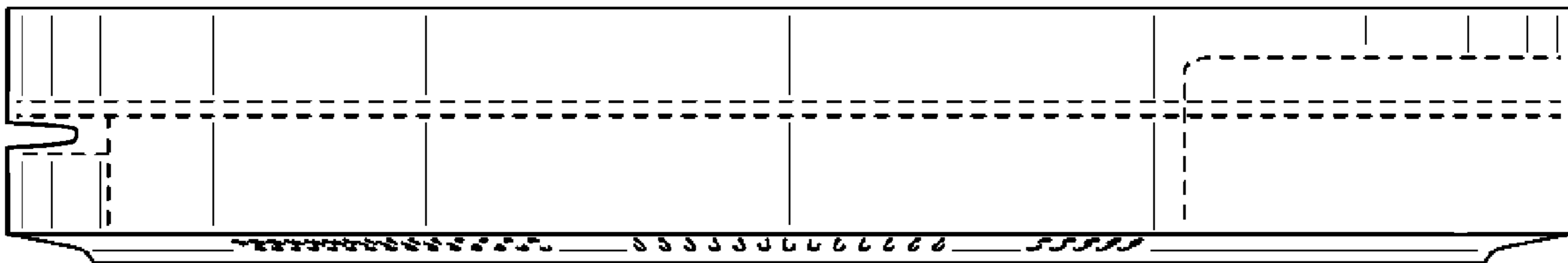


Fig.13

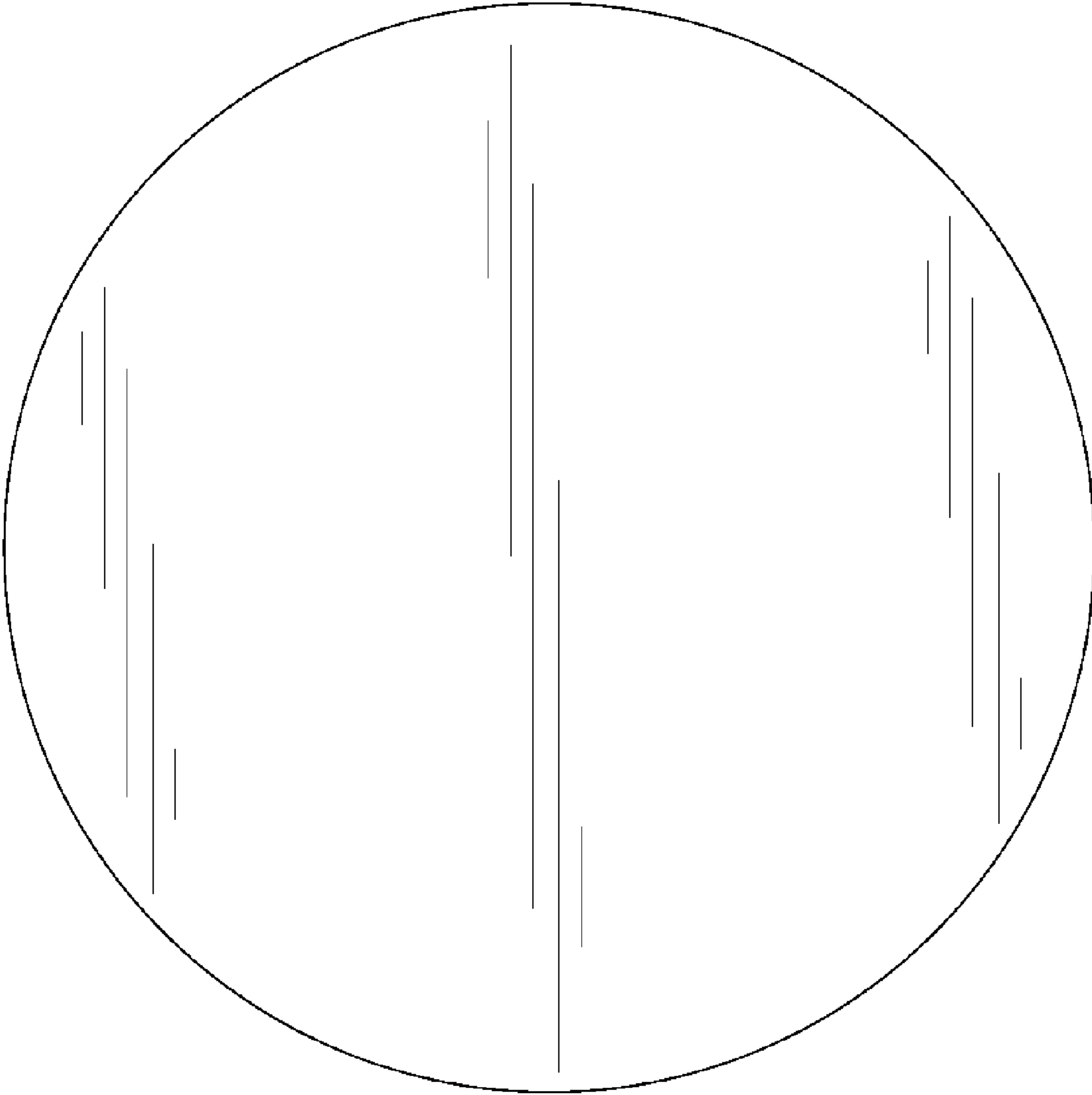


Fig.14

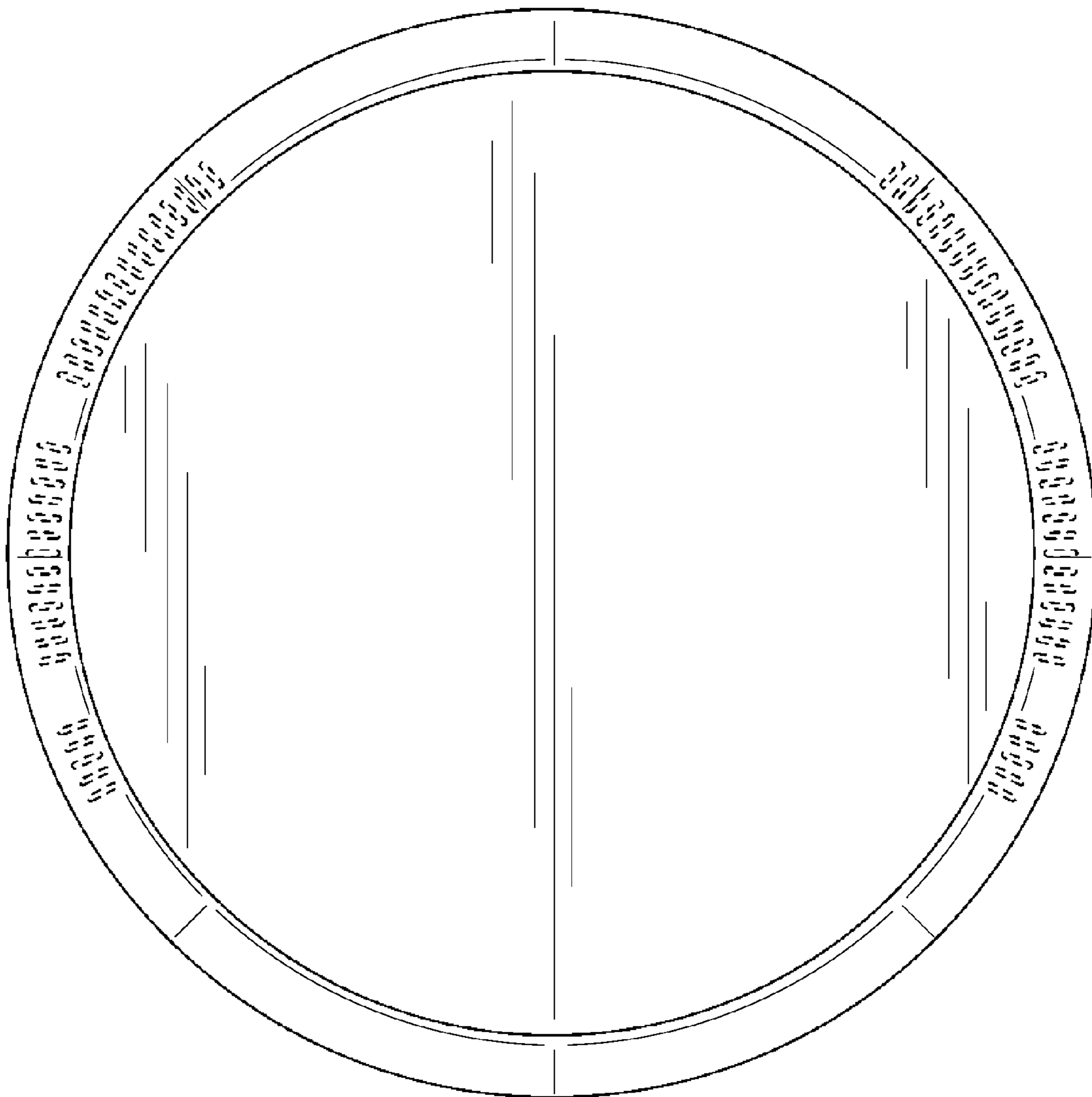


Fig.15

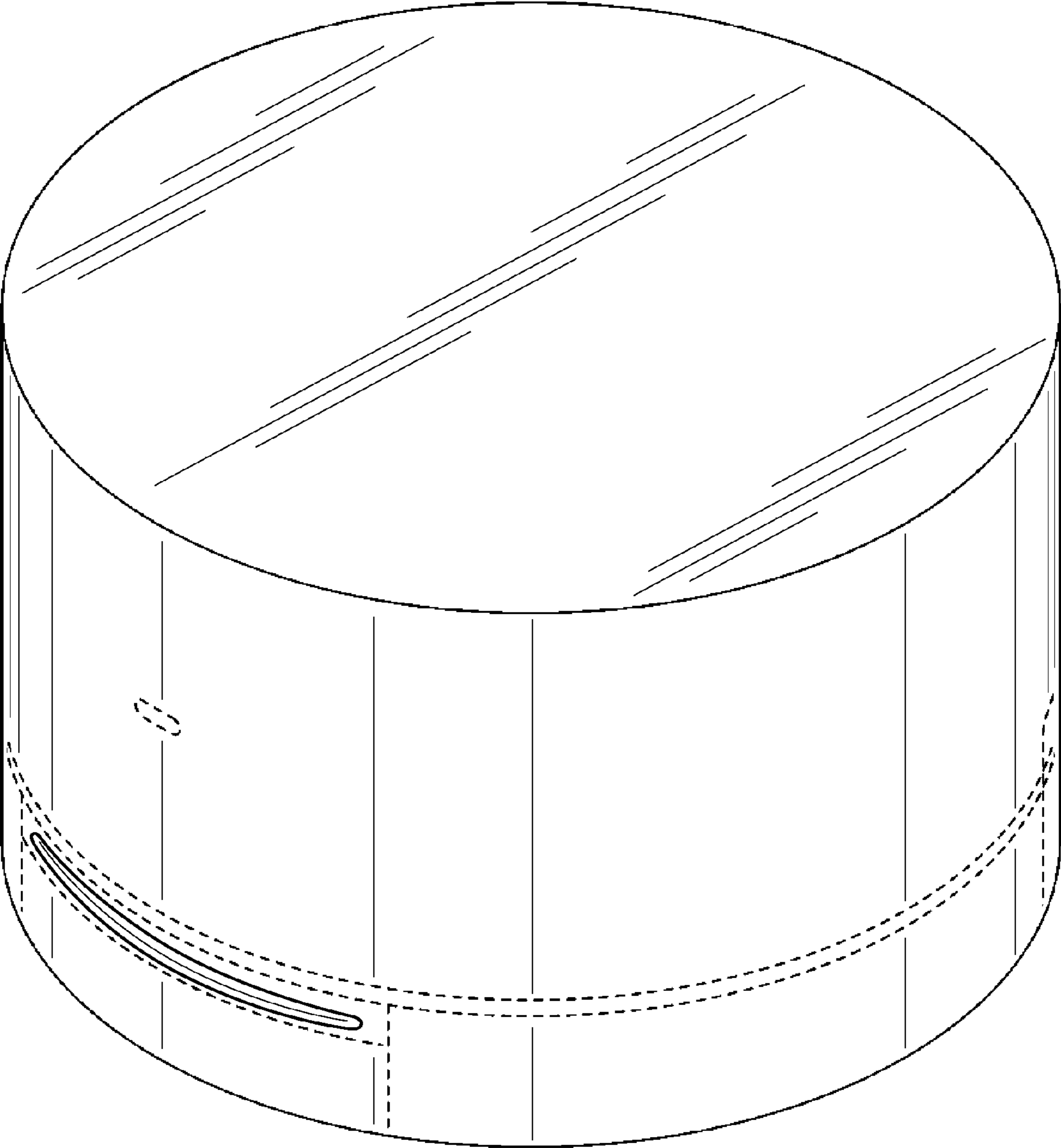


Fig.16

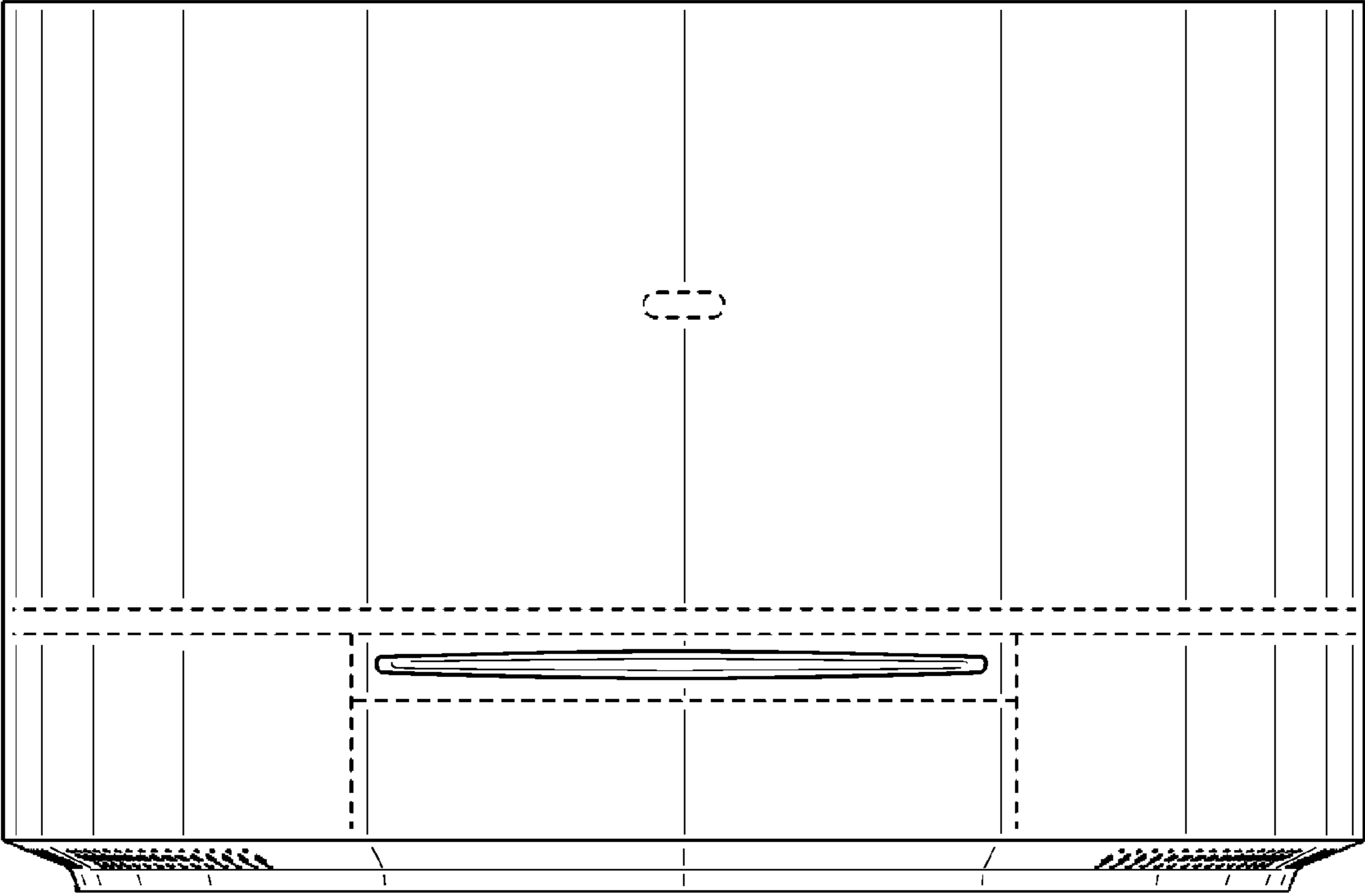


Fig.17

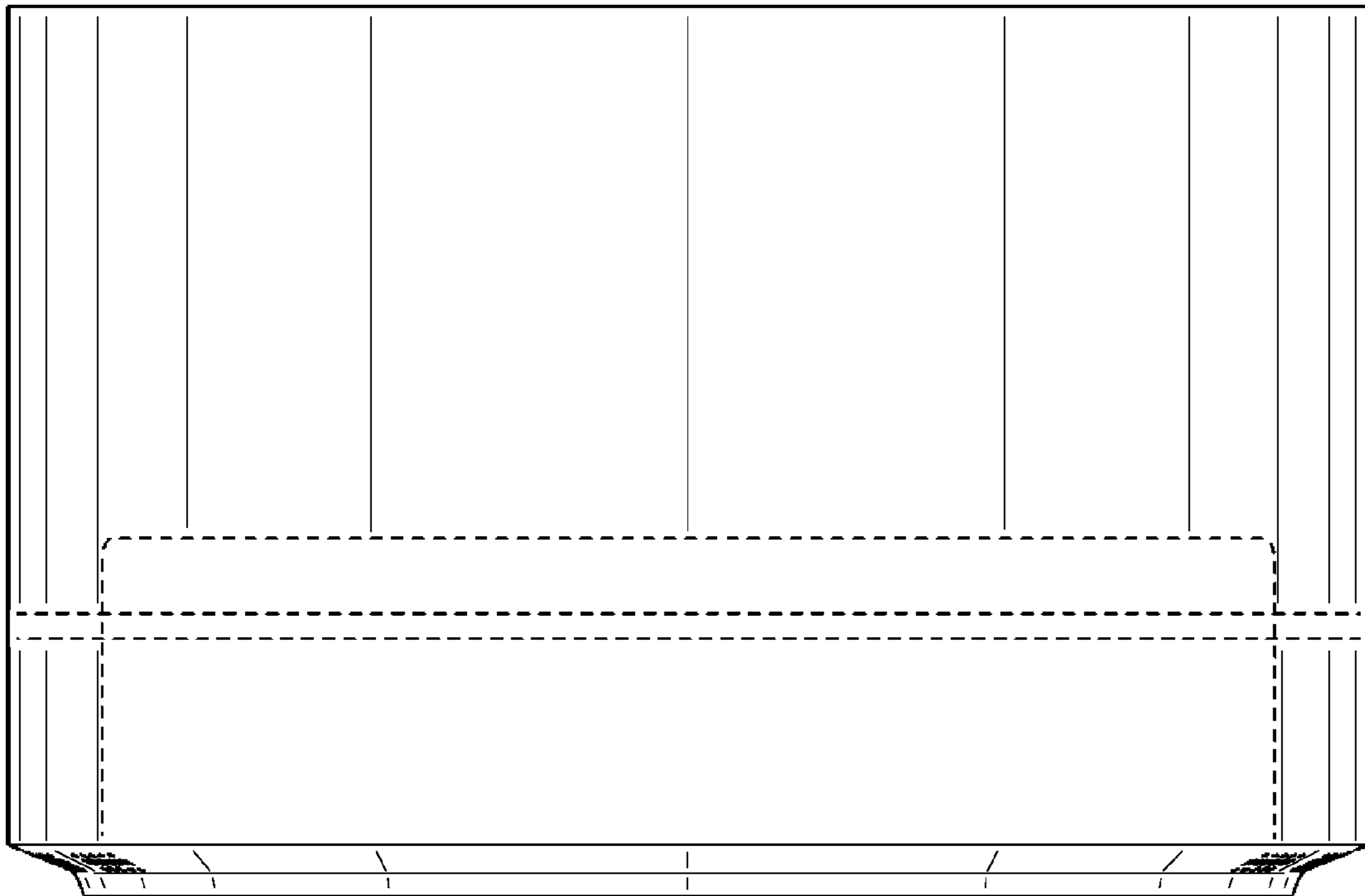


Fig.18

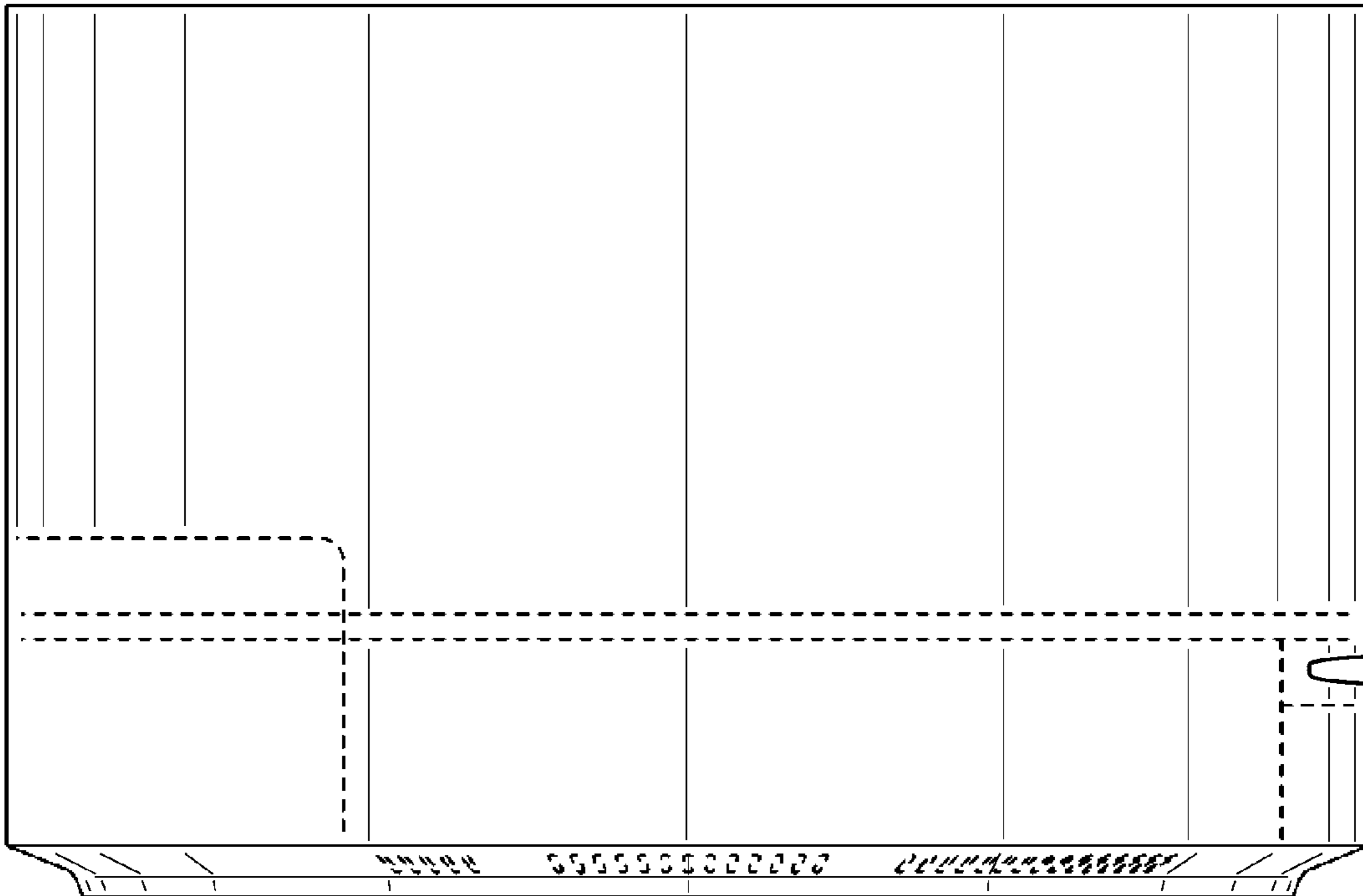


Fig.19

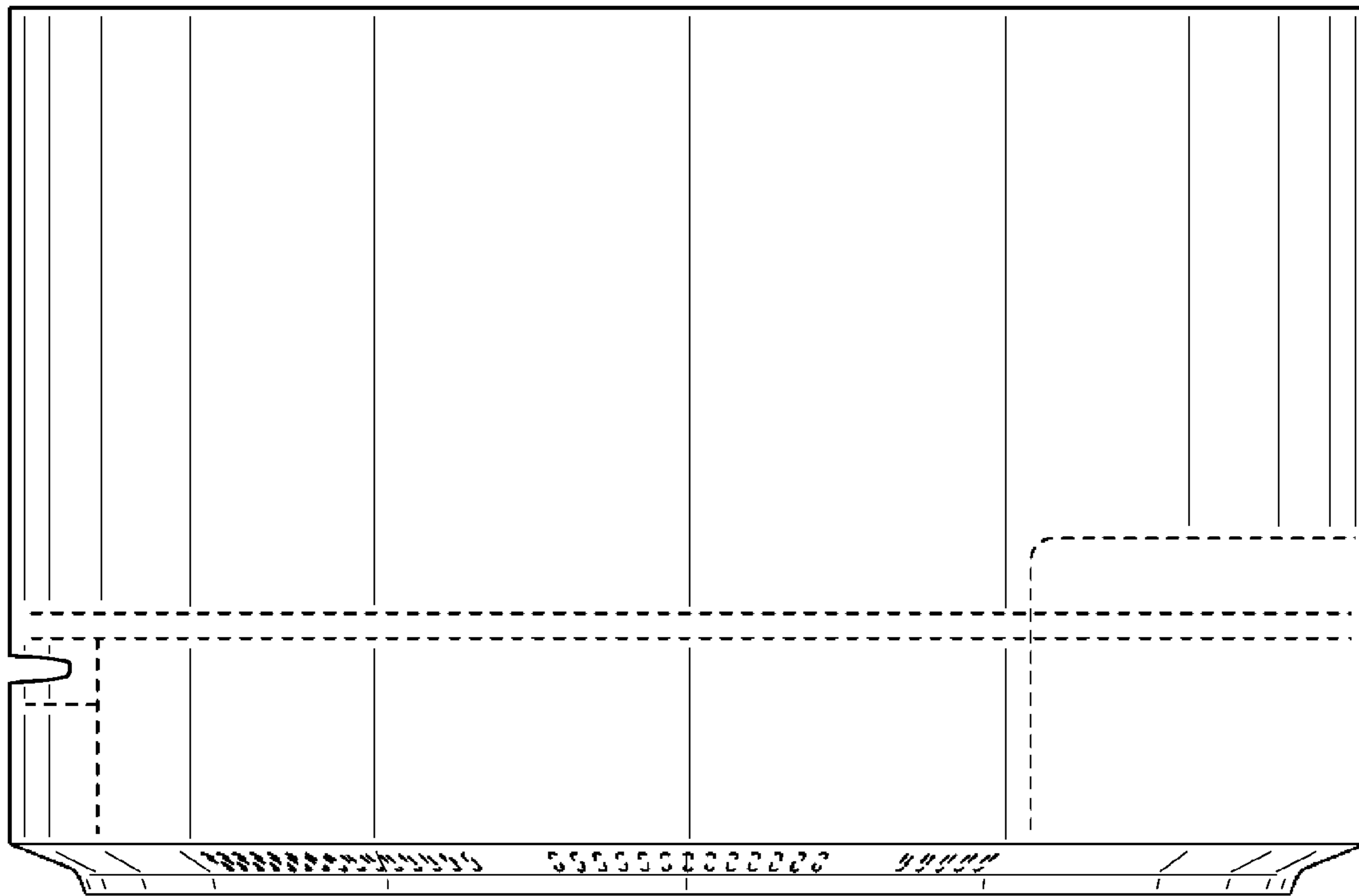


Fig.20

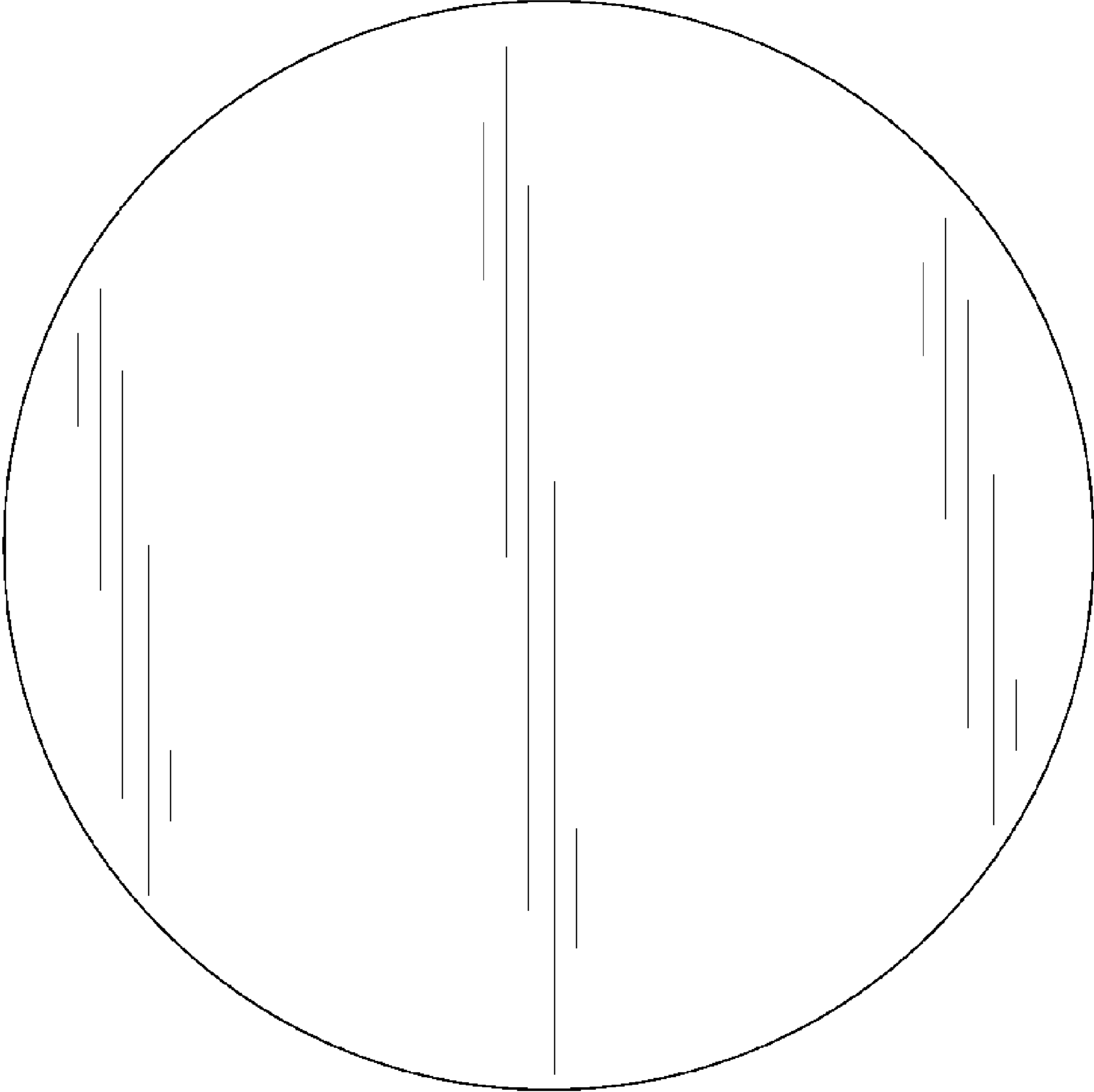


Fig.21

