



US00D772850S

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

(10) **Patent No.:** **US D772,850 S**

(45) **Date of Patent:** **** Nov. 29, 2016**

(54) **ACTIVE SMALL CELL ANTENNA**

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

(21) Appl. No.: **29/518,030**

(22) Filed: **Feb. 19, 2015**

(30) **Foreign Application Priority Data**

Dec. 18, 2014 (EM) 002600601-0001

(51) **LOC (10) Cl.** **14-03**

(52) **U.S. Cl.**
USPC **D14/233**

(58) **Field of Classification Search**

USPC D14/203-238, 138, 358; D12/42-43
CPC H01Q 1/12; H01Q 1/00; H01Q 1/007;
H01Q 1/084; H01Q 1/088; H01Q 1/10;
H01Q 7/00; H01Q 13/10; H01Q 9/285;
H01Q 19/30; H01Q 19/12; H01Q 1/38;
H04B 1/0475; H04B 1/034; H04B 10/00;
H04B 13/00; H04B 14/00; H05K 11/00

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D227,785 S * 7/1973 Kaysen D14/233
D327,690 S * 7/1992 Ogawa D14/230
D442,168 S * 5/2001 Warner D14/231
D467,242 S * 12/2002 Warner D14/230
D493,447 S * 7/2004 Noro D14/230
D625,295 S * 10/2010 Nogueira D14/218

D626,963 S * 11/2010 Kim D14/420
D698,765 S * 2/2014 Bremaud D14/231
D730,349 S * 5/2015 Burmeister-Brown D14/240
2010/0191186 A1 * 7/2010 Blumberg, Jr. A61M 5/1413
604/151
2014/0168020 A1 * 6/2014 Stoytchev H05B 33/0803
343/721

OTHER PUBLICATIONS

“Annual general meeting,” [online], posted Apr. 11, 2014, retrieved Jul. 1, 2016, retrieved from <<http://www.slideshare.net/Ericsson/annual-general-meeting-2014>>.*

“Vodafone could boost indoor 4G with a radio dot system,” [online], posted Jul. 10, 2015, retrieved Jul. 1, 2016, retrieved from <http://www.4g.co.uk/4g-news/phones/vodafone-could-boost-indoor-4g-with-a-radio-dot-system_300113240.html>.*

* cited by examiner

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(57) **CLAIM**

The ornamental design for an active small cell antenna, substantially as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an active small cell antenna, showing the new design;

FIG. 2 is a back view thereof;

FIG. 3 is a right side view thereof;

FIG. 4 is a left side view thereof;

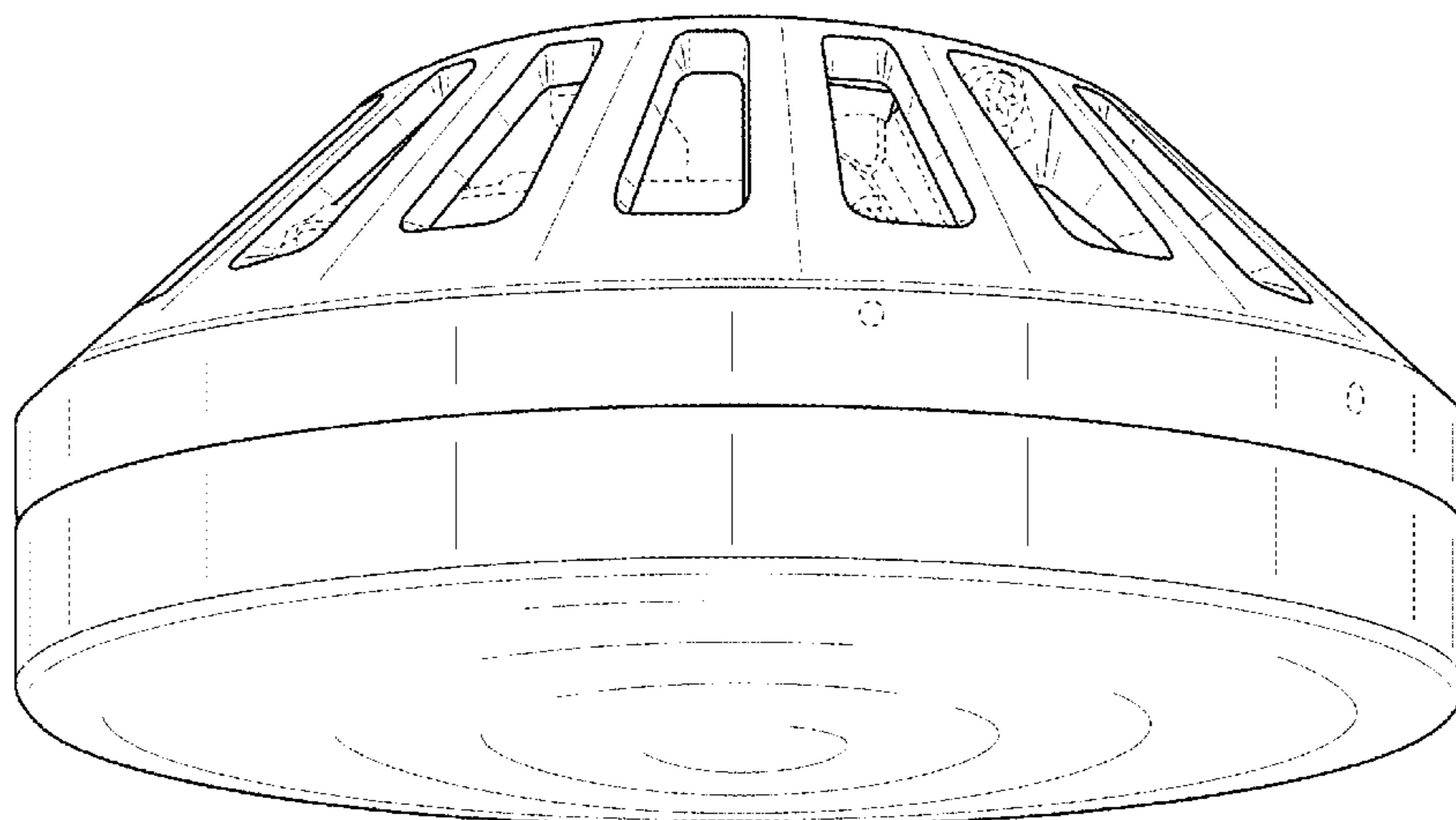
FIG. 5 is a front view thereof;

FIG. 6 is a top view thereof; and,

FIG. 7 is a bottom view thereof.

The broken line showing portions of the active small cell antenna form no part of the claimed design.

1 Claim, 7 Drawing Sheets



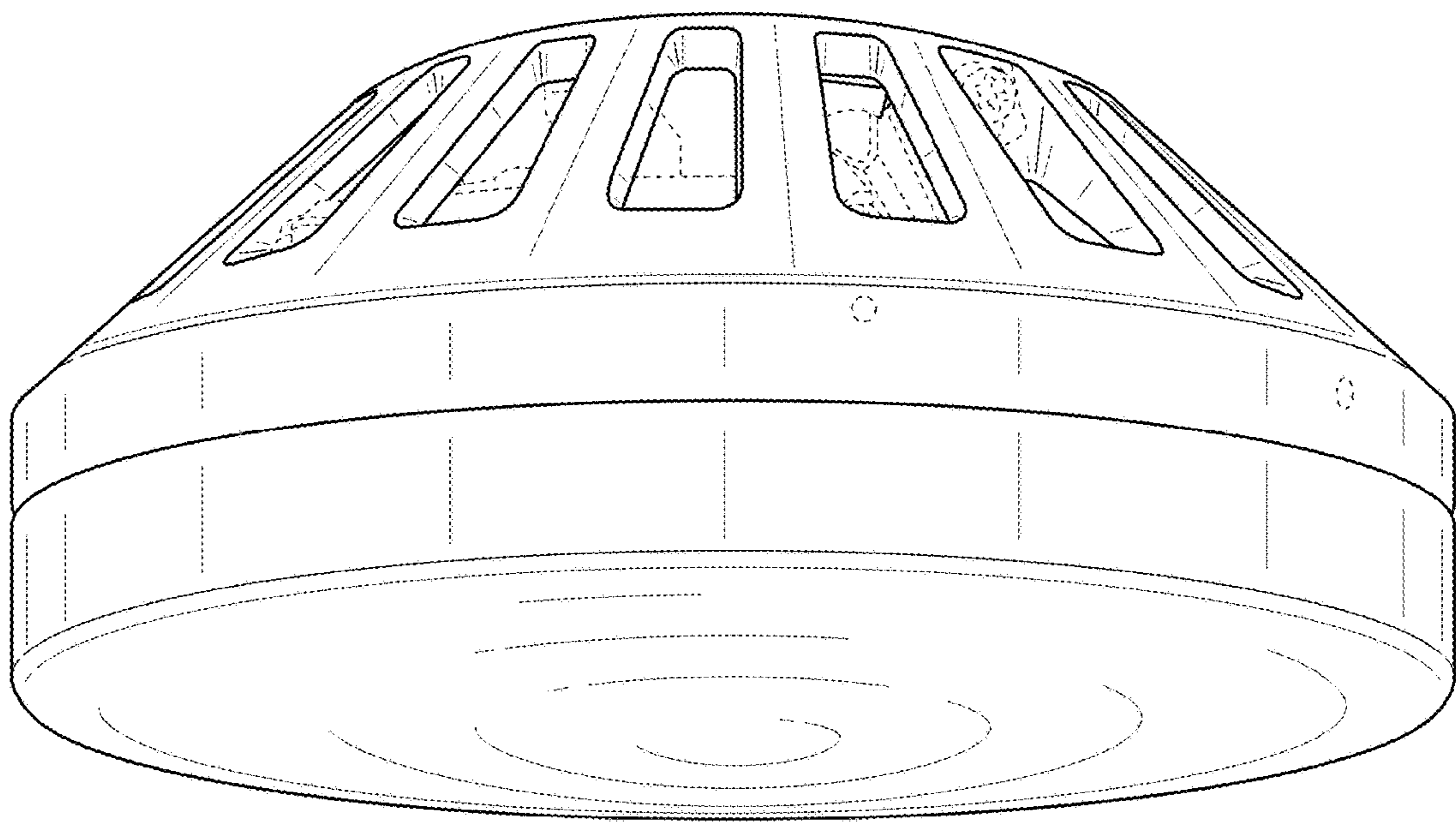


FIG. 1

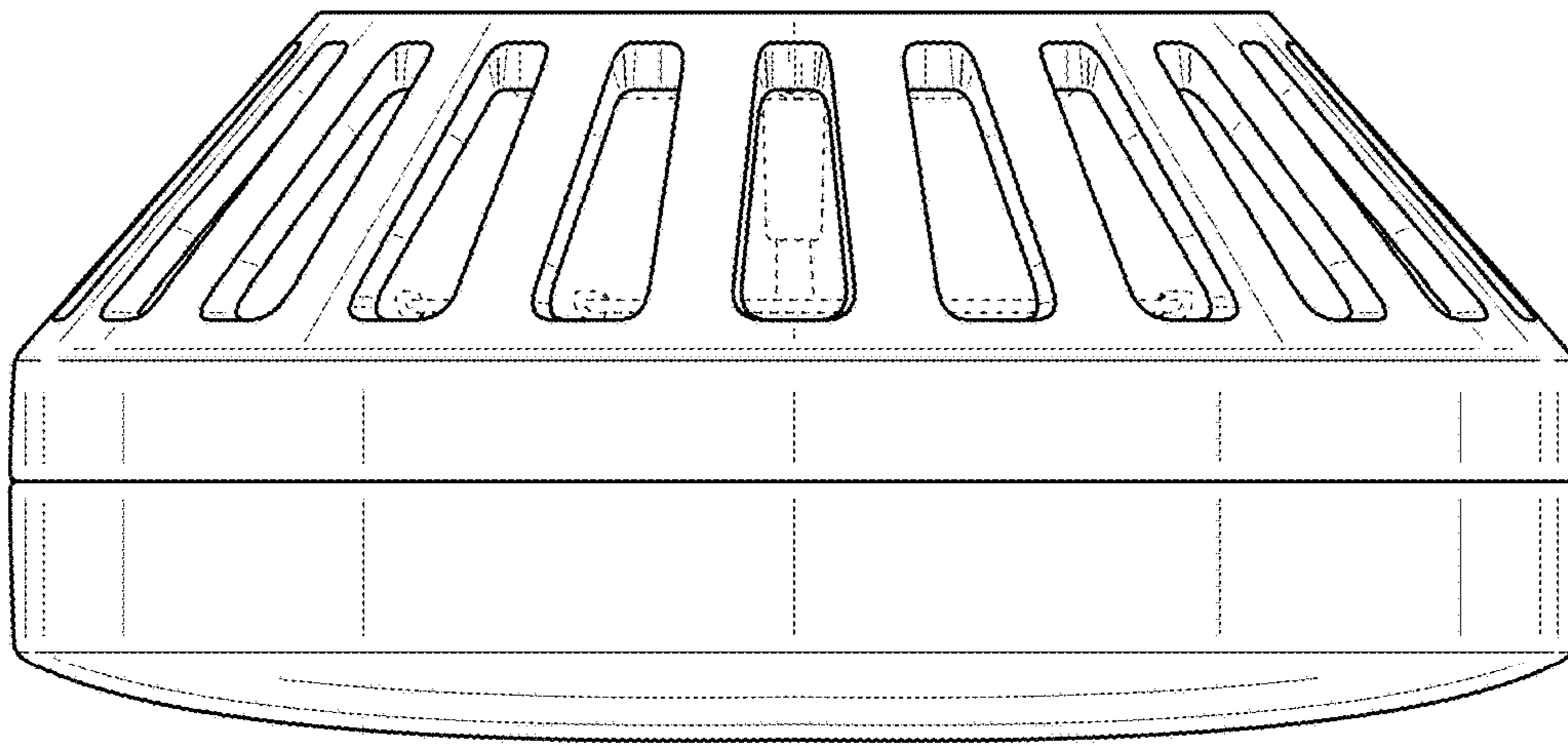


FIG. 2

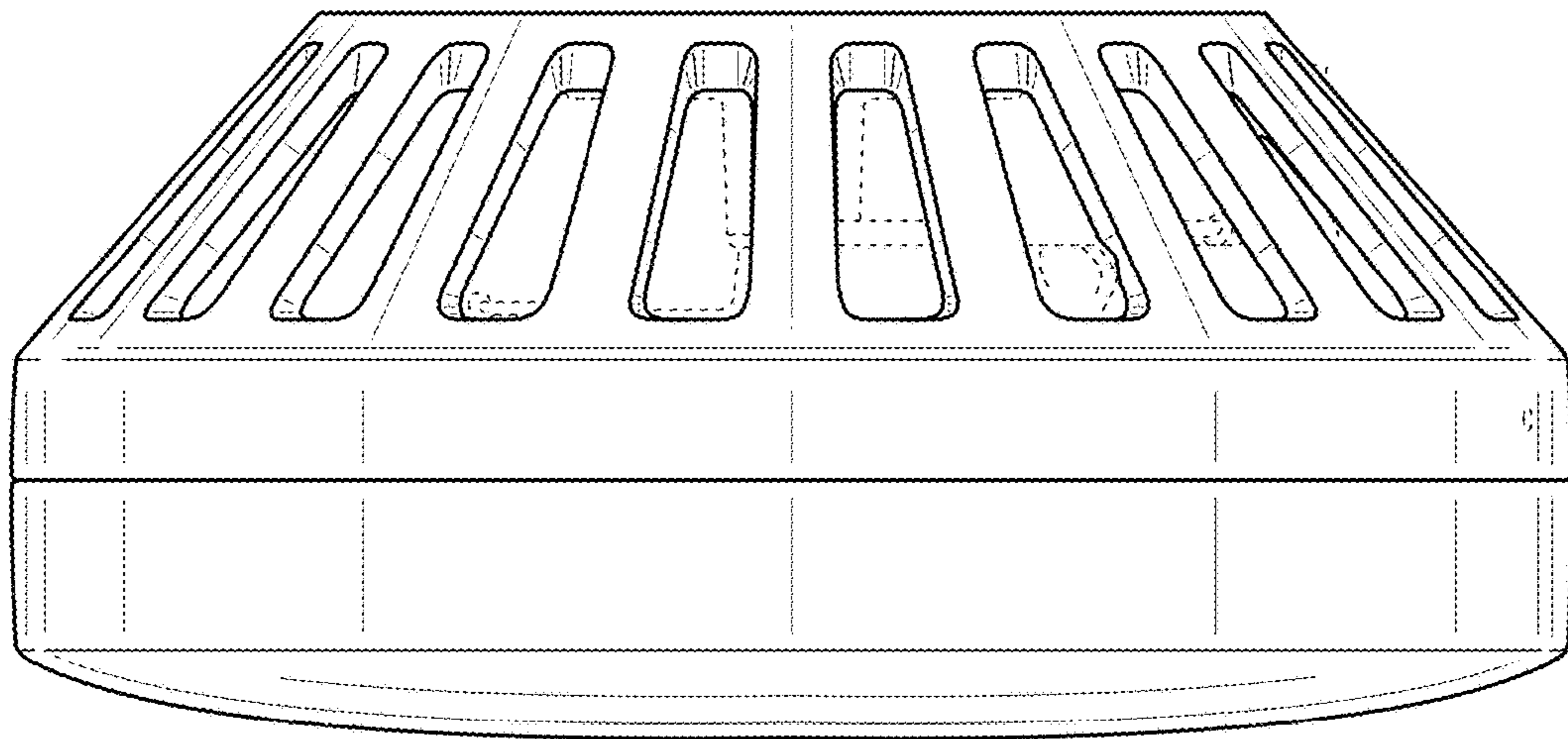


FIG. 3

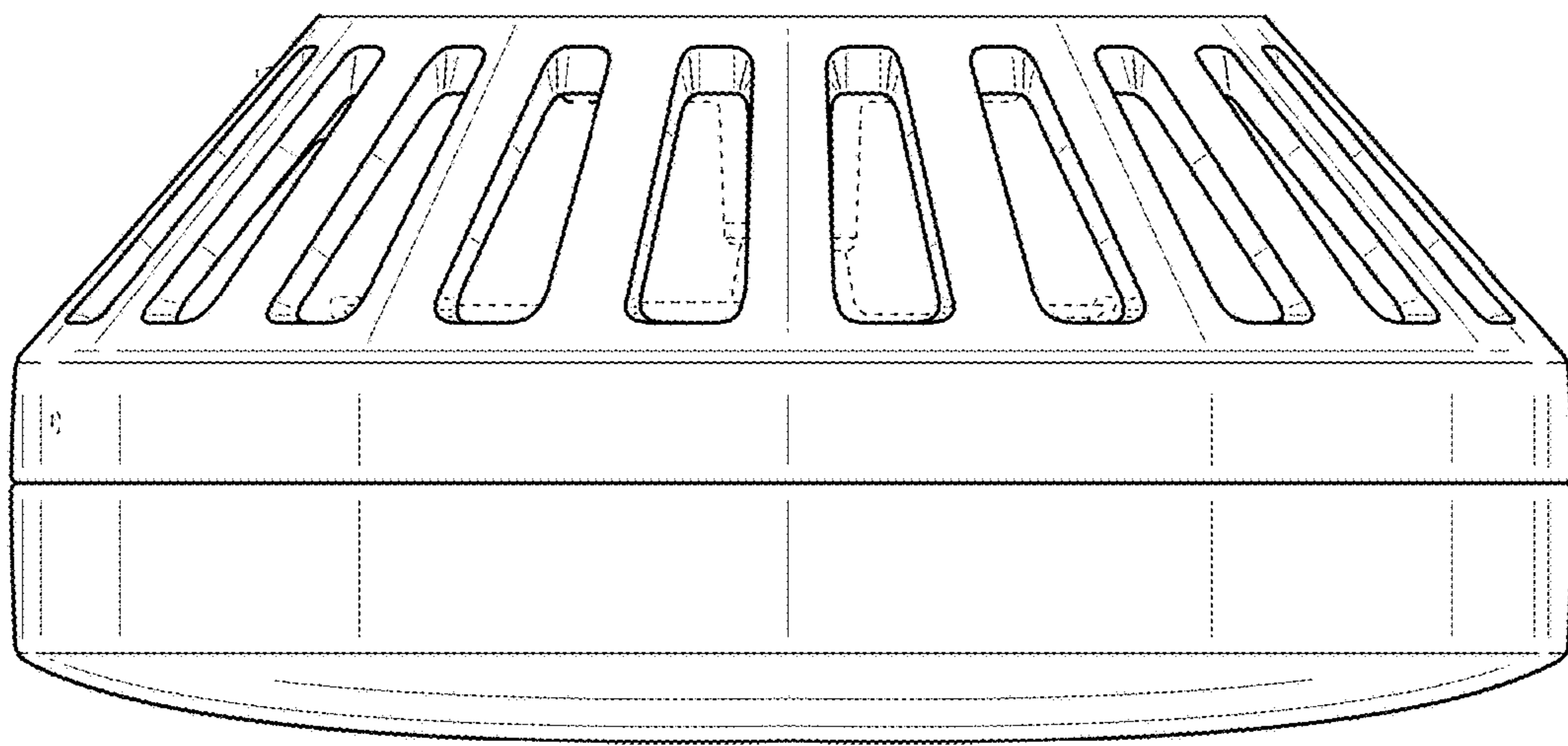


FIG. 4

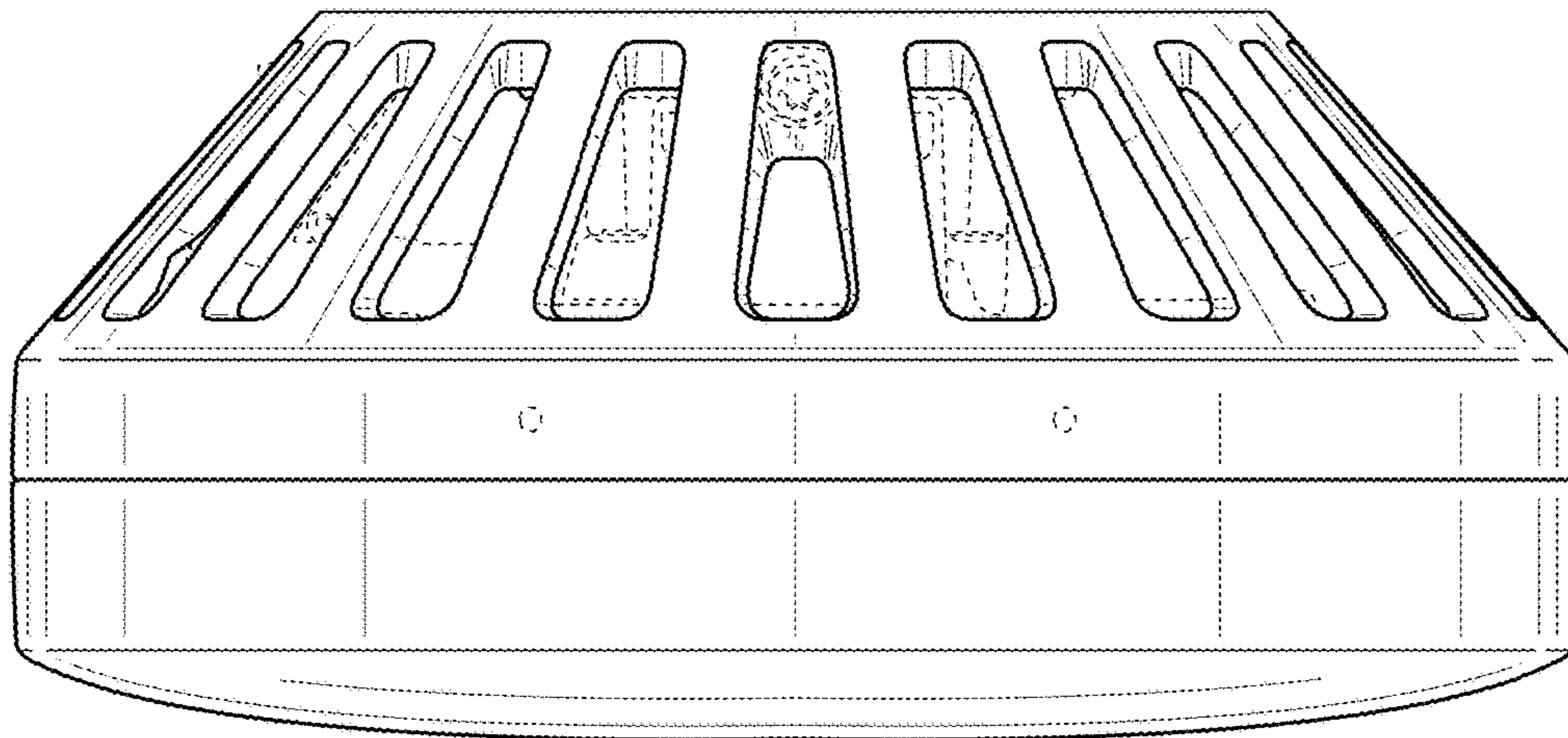


FIG. 5

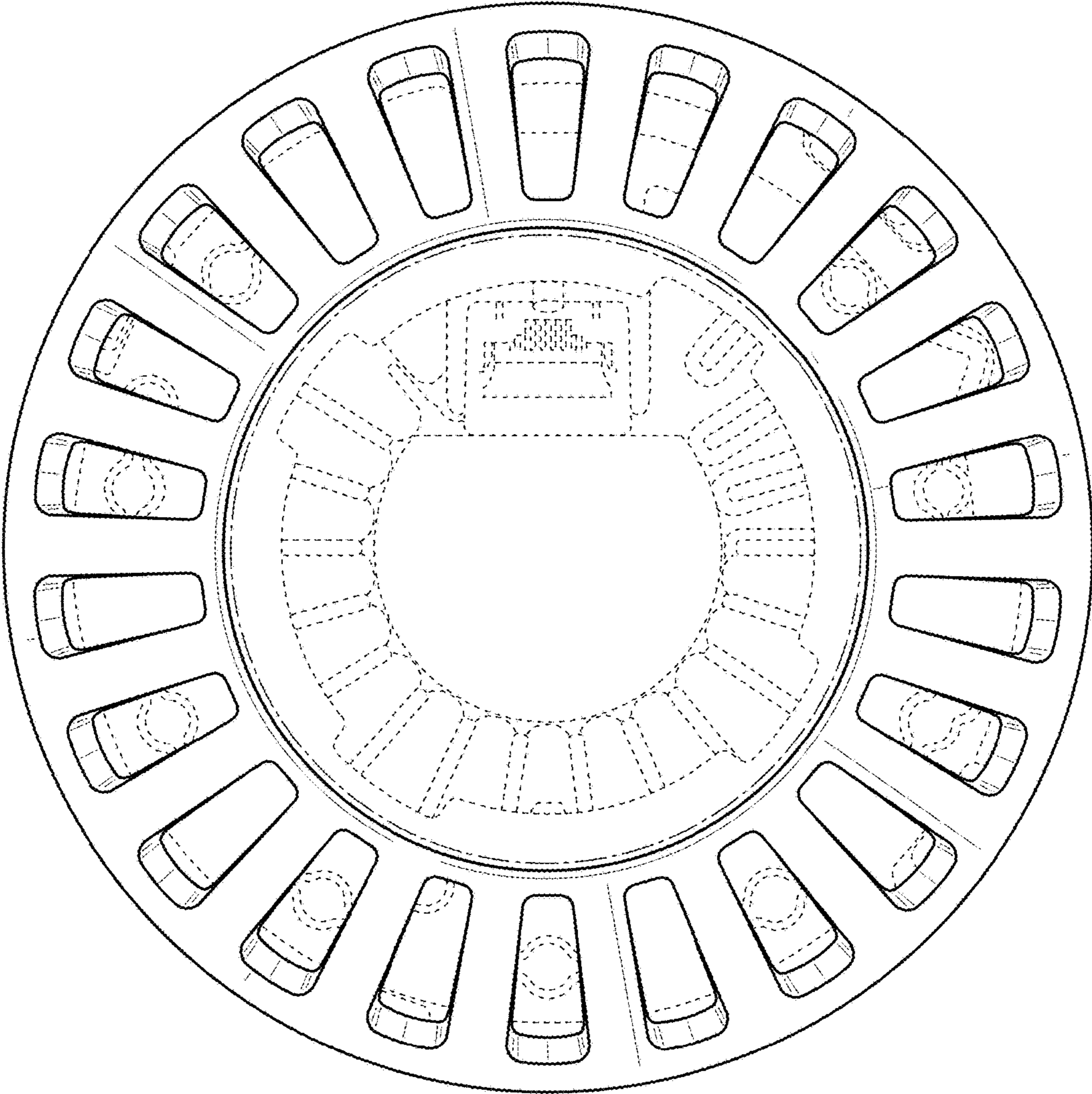


FIG. 6

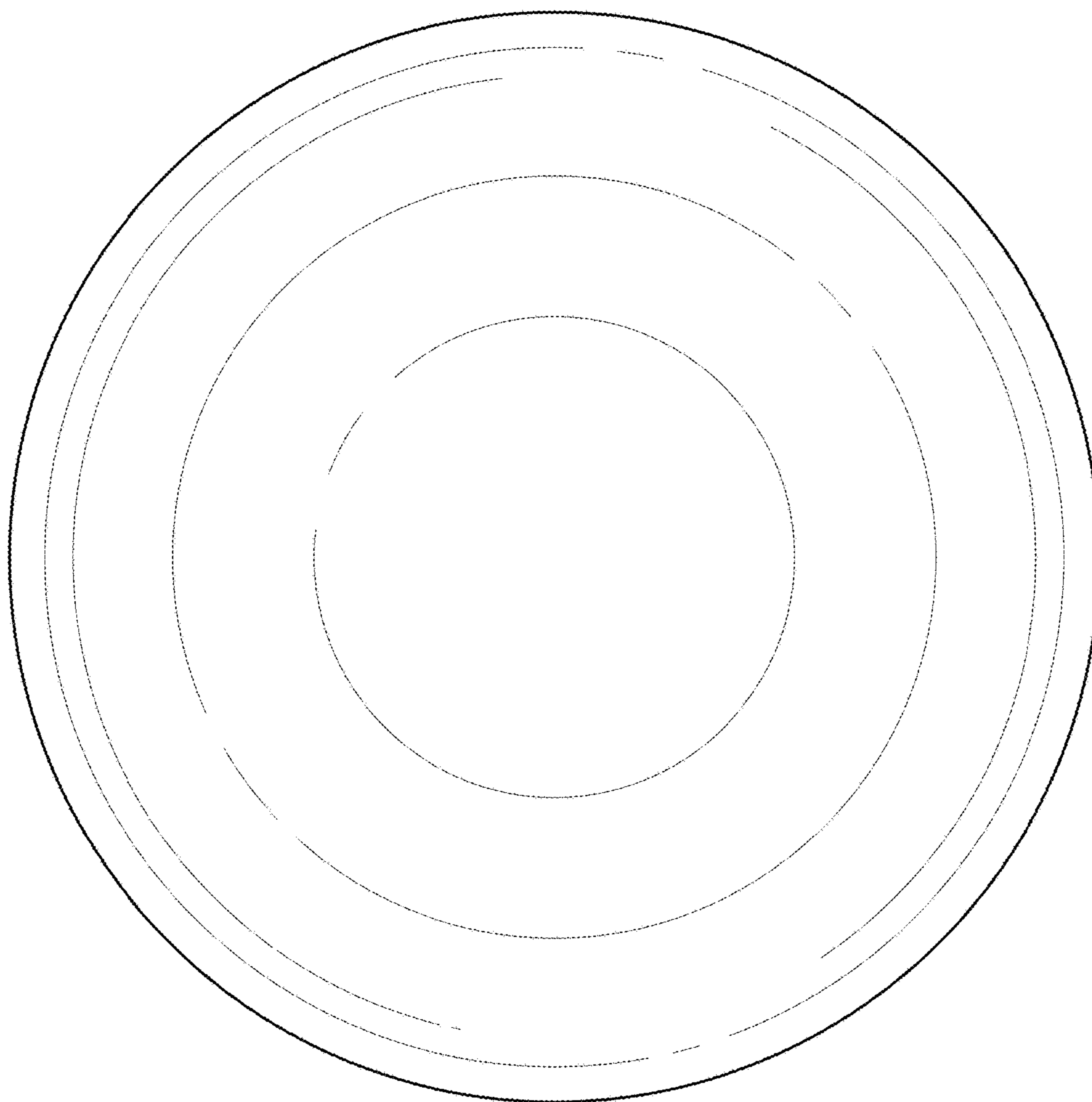


FIG. 7