



US00D989046S

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

(10) **Patent No.:** **US D989,046 S**  
(45) **Date of Patent:** **\*\* Jun. 13, 2023**

(54) **MICROPHONE**

(71) Applicant: **Cisco Technology, Inc.**, San Jose, CA  
(US)

(72) Inventors: **Robert Provo Kluit**, Oslo (NO);  
**Benoit Rouger**, Espoo (FI)

(73) Assignee: **Cisco Technology, Inc.**, San Jose, CA  
(US)

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

(21) Appl. No.: **29/777,830**

(22) Filed: **Apr. 8, 2021**

(51) **LOC (14) Cl.** ..... **14-01**

(52) **U.S. Cl.**  
USPC ..... **D14/225**; D14/228

(58) **Field of Classification Search**  
USPC ..... D14/225, 227, 228, 229, 216, 149, 140,  
D14/150, 240, 242, 137, 203.1, 496, 212;  
D13/168; 381/92, 71.1, 160  
CPC . H04R 25/00; H04R 3/00; H04R 1/02; H04R  
1/28; H04M 1/20; G09G 5/00  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- D323,327 S \* 1/1992 Davidson ..... D14/219
- 5,172,101 A \* 12/1992 Bates ..... G06F 3/0338  
345/157
- 5,243,430 A \* 9/1993 Emmons ..... H04B 1/202  
455/151.1
- D346,598 S \* 5/1994 McCay ..... D14/137
- 5,319,164 A \* 6/1994 Shen ..... H04R 1/025  
D14/215
- D391,943 S \* 3/1998 Han ..... D14/356
- 5,802,197 A \* 9/1998 Fulcher ..... H04R 1/021  
381/386
- 6,016,347 A \* 1/2000 Magnasco ..... H04R 1/1041  
379/430

- D421,507 S \* 3/2000 Borders ..... D26/65
- D433,994 S \* 11/2000 Jobs ..... D13/110
- D482,672 S \* 11/2003 Takagi ..... D14/509
- D493,246 S \* 7/2004 Benensohn ..... D26/89
- D494,633 S \* 8/2004 Nussberger ..... D21/324
- D512,417 S \* 12/2005 Hirakawa ..... D14/223
- D518,030 S \* 3/2006 Lin ..... D14/218
- D520,448 S \* 5/2006 Lodato ..... D13/110
- D556,938 S \* 12/2007 Russello ..... D26/89
- D561,732 S \* 2/2008 Motoishi ..... D14/509
- D568,304 S \* 5/2008 Park ..... D14/240
- D598,003 S \* 8/2009 Park ..... D14/149
- 7,593,539 B2 \* 9/2009 Oxford ..... H04R 1/403  
381/361

(Continued)

**FOREIGN PATENT DOCUMENTS**

- CN 304380356 \* 12/2017
- CN 305560115 \* 1/2020

(Continued)

*Primary Examiner* — Paula Allen Greene  
(74) *Attorney, Agent, or Firm* — Lee & Hayes, P.C.

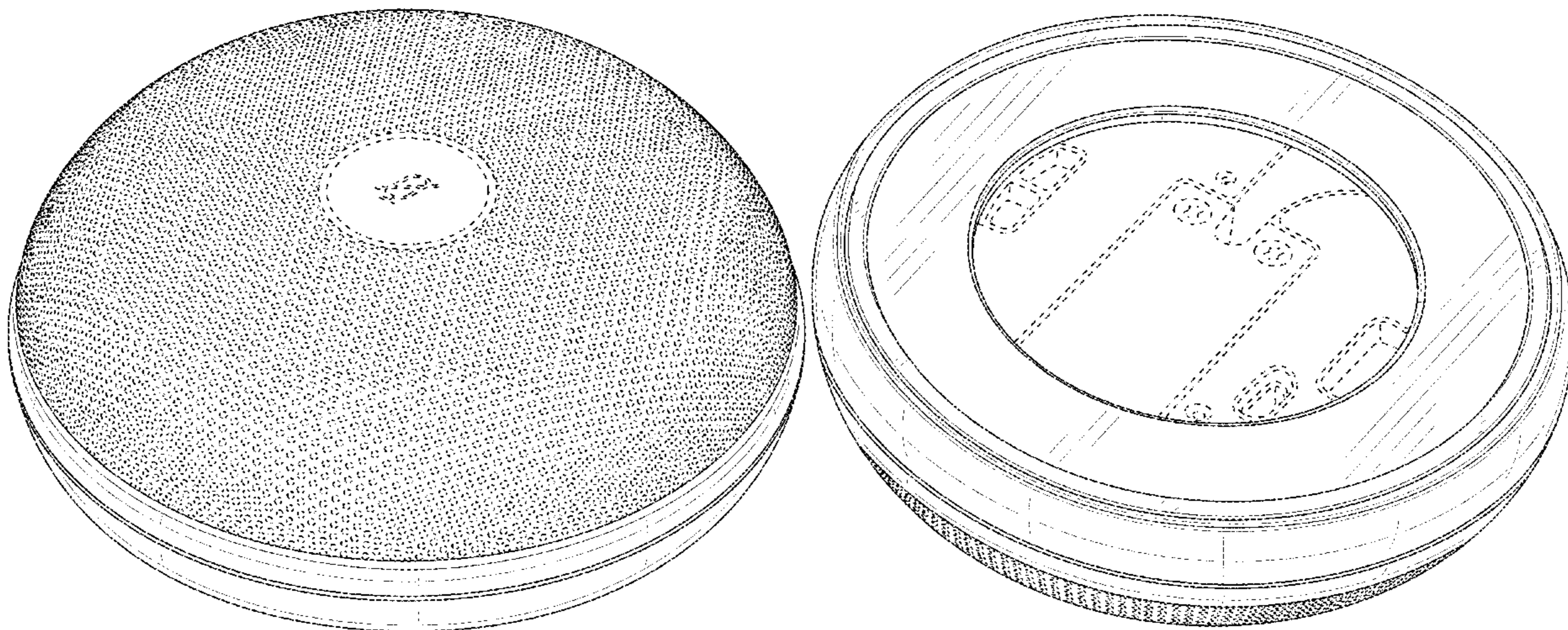
(57) **CLAIM**

The ornamental design for a microphone, as shown and described.

**DESCRIPTION**

FIG. 1 is a top, front perspective view of a microphone; FIG. 2 is a bottom, front perspective view thereof; FIG. 3 is a top view thereof; FIG. 4 is a bottom view thereof; FIG. 5 is a left-side view thereof; FIG. 6 is a right-side view thereof; FIG. 7 is a back view thereof; and, FIG. 8 is a front view thereof. The dashed broken lines depict portions of the microphone that form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



(56)

**References Cited**

## U.S. PATENT DOCUMENTS

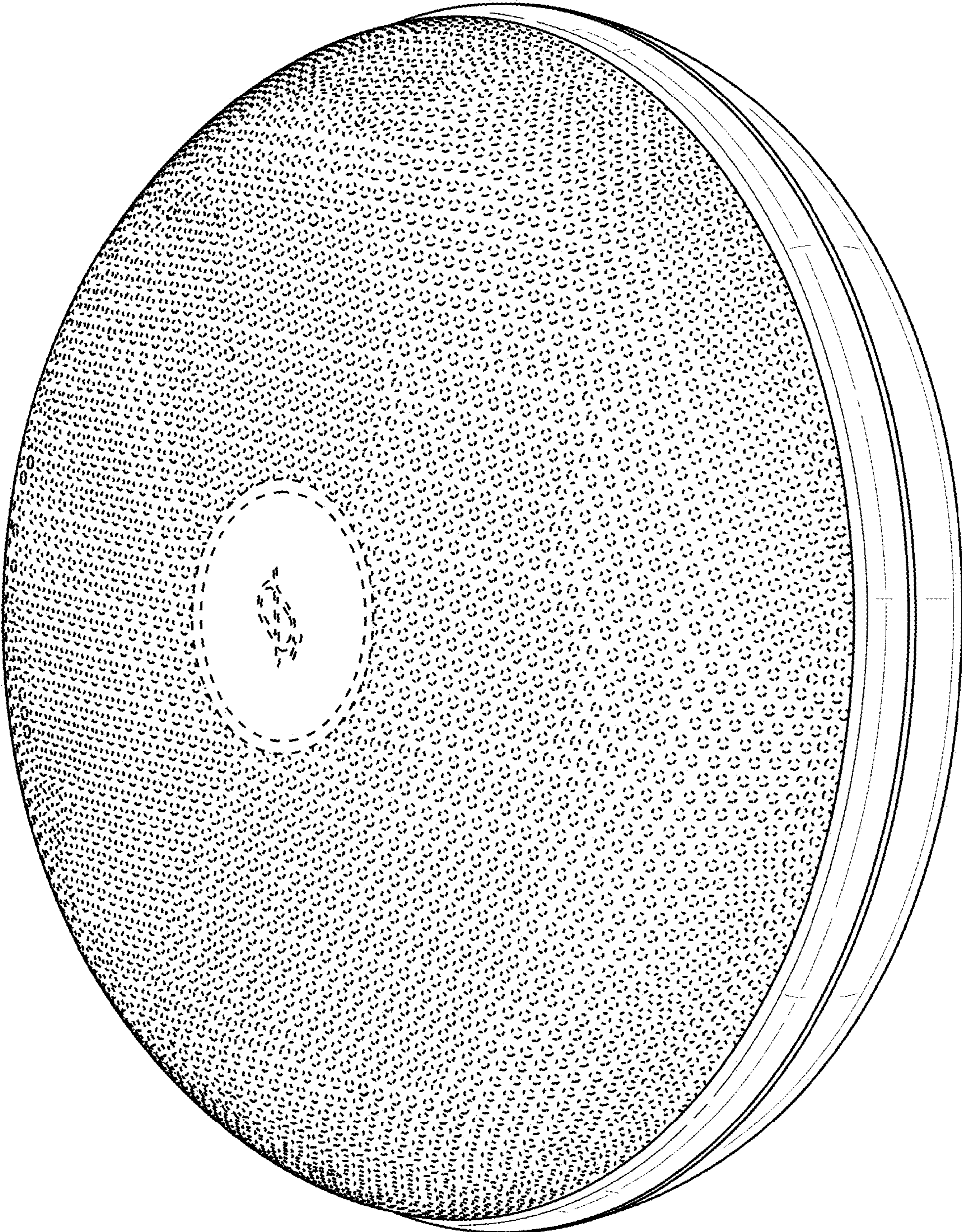
D602,911 S \* 10/2009 Wang ..... D14/216  
D633,231 S \* 2/2011 Morrison ..... D26/24  
D636,760 S \* 4/2011 Cheng ..... D14/216  
D640,199 S \* 6/2011 Wilson ..... D13/139.7  
8,003,878 B2 \* 8/2011 Gaynier ..... G10H 3/22  
84/723  
D656,130 S \* 3/2012 Bailey ..... D14/227  
D658,640 S \* 5/2012 Ivaskevicius ..... D14/242  
D682,805 S \* 5/2013 Rath ..... D14/149  
D695,258 S \* 12/2013 Hauser ..... D14/155  
D704,177 S \* 5/2014 Chun ..... D14/240  
D705,355 S \* 5/2014 Webster ..... D19/86  
D711,345 S \* 8/2014 Liu ..... D14/140  
D718,234 S \* 11/2014 Rautiainen ..... D13/108  
D725,088 S \* 3/2015 Kwak ..... D14/240  
D728,507 S \* 5/2015 Brandis ..... D14/149  
D743,383 S \* 11/2015 Hinokio ..... D14/228  
D752,014 S \* 3/2016 Bolmstrand ..... D14/204  
D756,956 S \* 5/2016 Van Den Nieuwenhuizen .....  
D14/204  
D756,957 S \* 5/2016 Nylen ..... D14/204  
D798,490 S \* 9/2017 Haines ..... D26/104  
9,793,869 B1 \* 10/2017 Snyder ..... H04M 1/02  
D809,951 S \* 2/2018 Yang ..... D10/104.1  
D810,698 S \* 2/2018 Hahn ..... D13/156  
D814,436 S \* 4/2018 Wen ..... D14/150  
D819,592 S \* 6/2018 Folkmann ..... D14/149  
D820,238 S \* 6/2018 Boshernitzan ..... D14/218  
D825,529 S \* 8/2018 Huang ..... D14/216  
D829,690 S \* 10/2018 Chen ..... D14/216  
D834,567 S \* 11/2018 Snyder ..... D14/228  
D848,405 S \* 5/2019 Bould ..... D14/240  
10,284,937 B2 \* 5/2019 Nakatsukasa ..... H04R 1/326  
D856,961 S \* 8/2019 Suzuki ..... D14/149  
D859,350 S \* 9/2019 Pedersen ..... D14/149  
D859,363 S \* 9/2019 Chalabi ..... D14/216  
D862,417 S \* 10/2019 Chalabi ..... D14/216  
D863,247 S \* 10/2019 Suzuki ..... D14/149  
D865,768 S \* 11/2019 Du ..... D14/433  
D866,518 S \* 11/2019 Ding ..... D14/216

D867,334 S \* 11/2019 She ..... D14/216  
D867,344 S \* 11/2019 Afshar Bakooshli ..... D14/218  
D876,400 S \* 2/2020 Russo ..... D14/228  
D886,759 S \* 6/2020 Bailey ..... D14/149  
D886,801 S \* 6/2020 Feng ..... D14/216  
D888,687 S \* 6/2020 Xu ..... D14/216  
D890,733 S \* 7/2020 Østensen ..... D14/228  
D900,812 S \* 11/2020 Friedman ..... D24/188  
D900,821 S \* 11/2020 Johnston ..... D14/218  
D901,431 S \* 11/2020 Paterson ..... D14/203.1  
D901,472 S \* 11/2020 Kim ..... D14/341  
D913,995 S \* 3/2021 Zhu ..... D14/223  
D918,861 S \* 5/2021 Chen ..... D14/206  
D920,276 S \* 5/2021 Law ..... D14/149  
D920,944 S \* 6/2021 Paterson ..... D14/203.1  
D950,514 S \* 5/2022 Vozzi ..... D14/204  
D950,515 S \* 5/2022 Vozzi ..... D14/204  
D967,053 S \* 10/2022 Vozzi ..... D14/204  
D968,374 S \* 11/2022 Zhou ..... D14/225  
D975,054 S \* 1/2023 Feng ..... D14/216  
2003/0053620 A1 \* 3/2003 Chen ..... H04M 1/15  
379/447  
2013/0028457 A1 \* 1/2013 Yeh ..... H04R 1/10  
381/334  
2013/0034259 A1 \* 2/2013 Xiong ..... H04R 1/1033  
29/428  
2015/0334480 A1 \* 11/2015 Yang ..... H04R 9/06  
381/394  
2016/0050489 A1 \* 2/2016 Lashkari ..... H04R 3/02  
381/66  
2018/0176670 A1 \* 6/2018 Nakatsukasa ..... H04R 1/023  
2019/0076649 A1 \* 3/2019 Lee ..... A61N 1/086

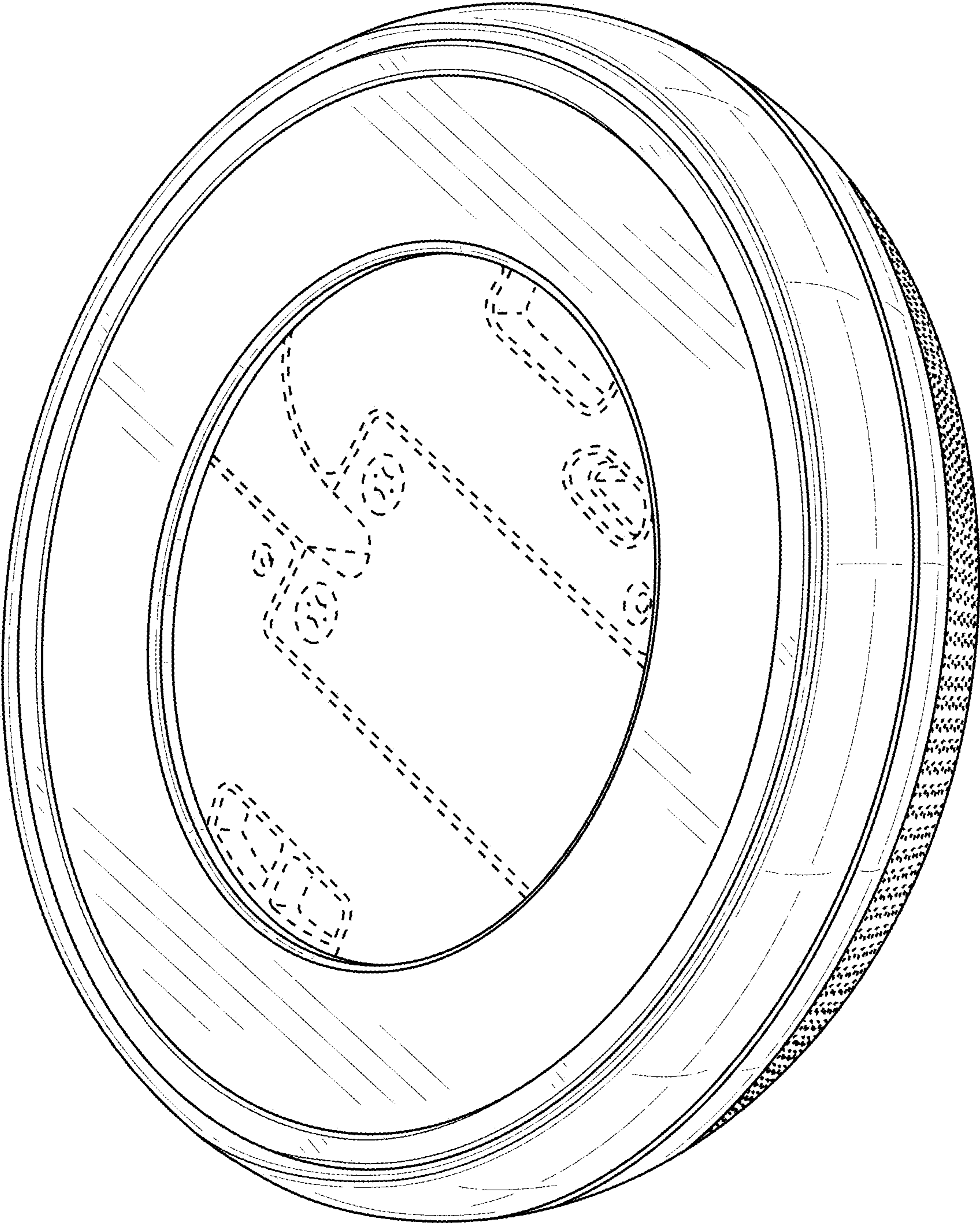
## FOREIGN PATENT DOCUMENTS

CN 305988939 \* 8/2020  
CN 306078593 \* 9/2020  
CN 306587437 \* 6/2021  
CN 306596101 \* 6/2021  
CN 306603624 \* 6/2021  
CN 307202911 \* 3/2022  
EM 008371363-0001 \* 12/2020

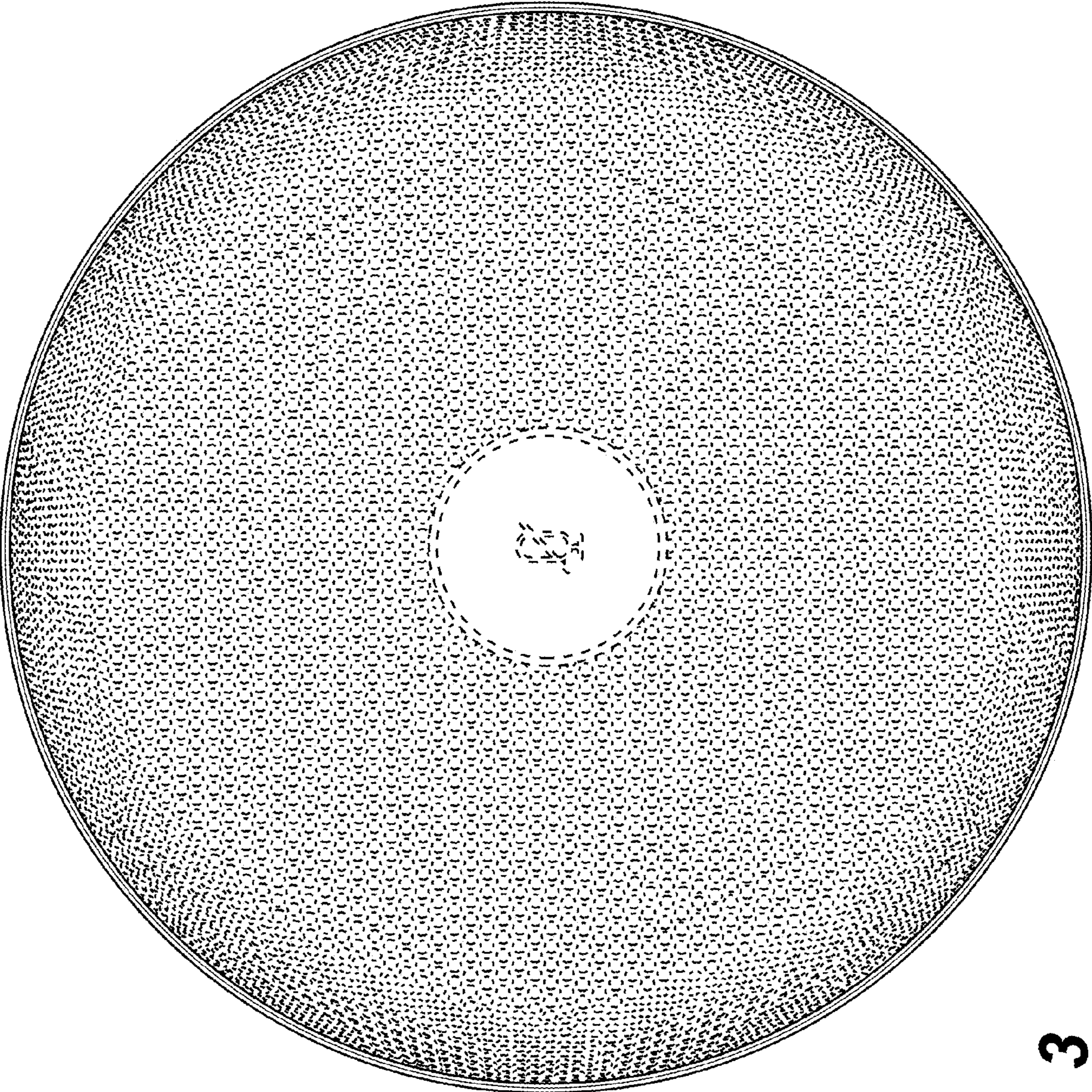
\* cited by examiner



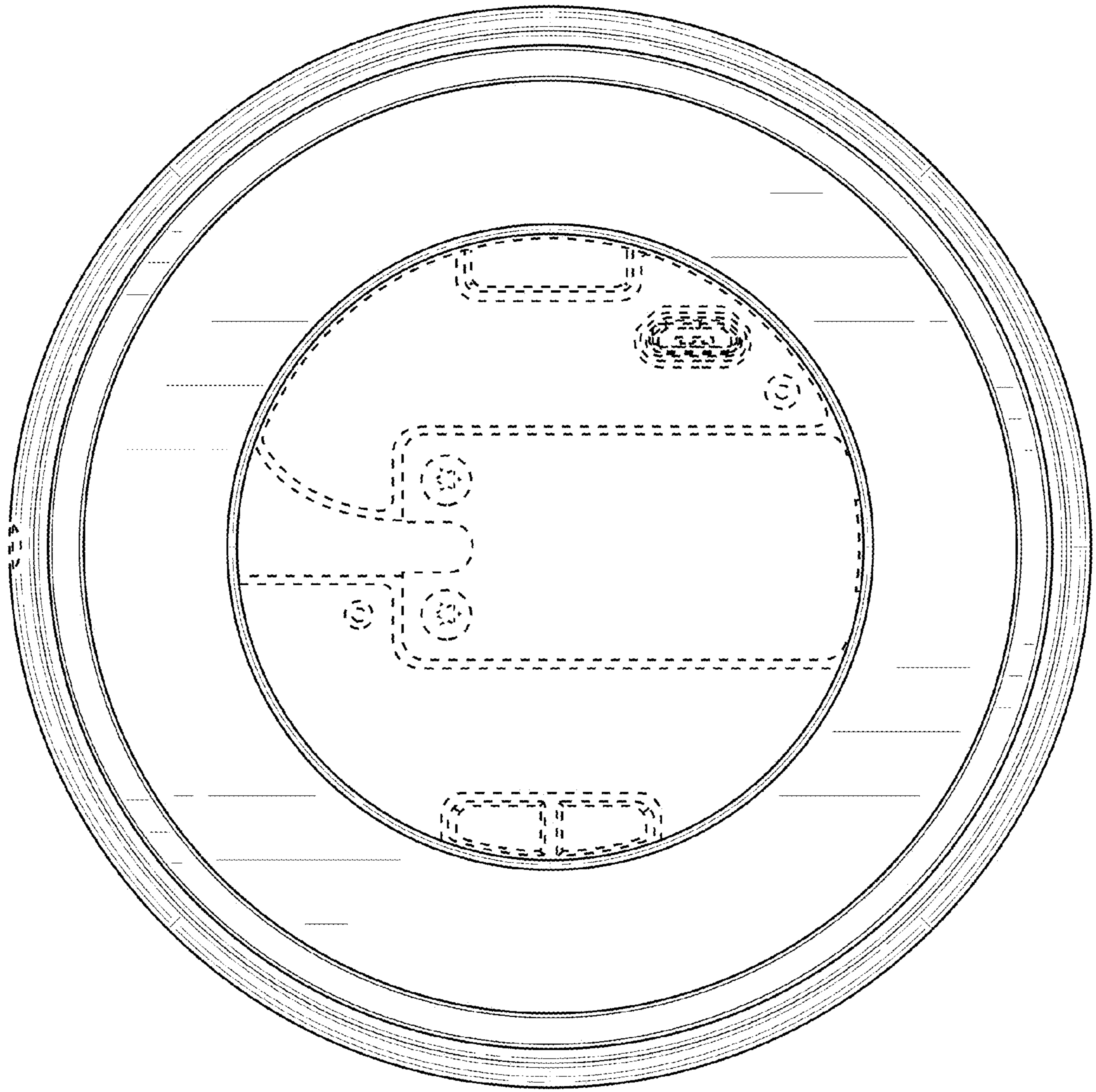
**FIG. 1**



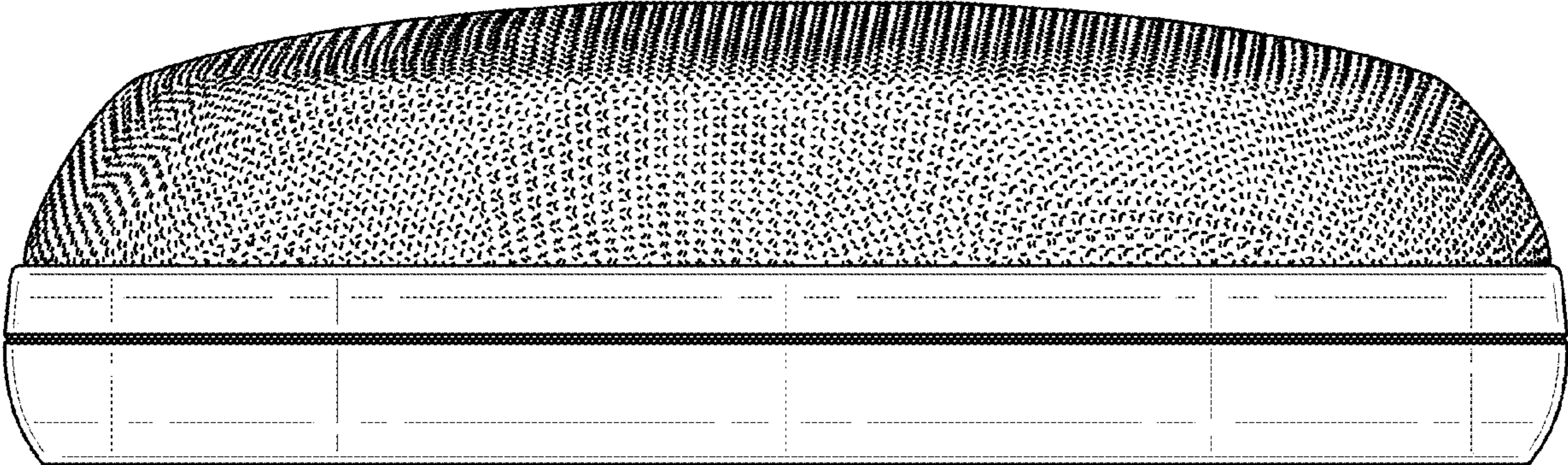
**FIG. 2**



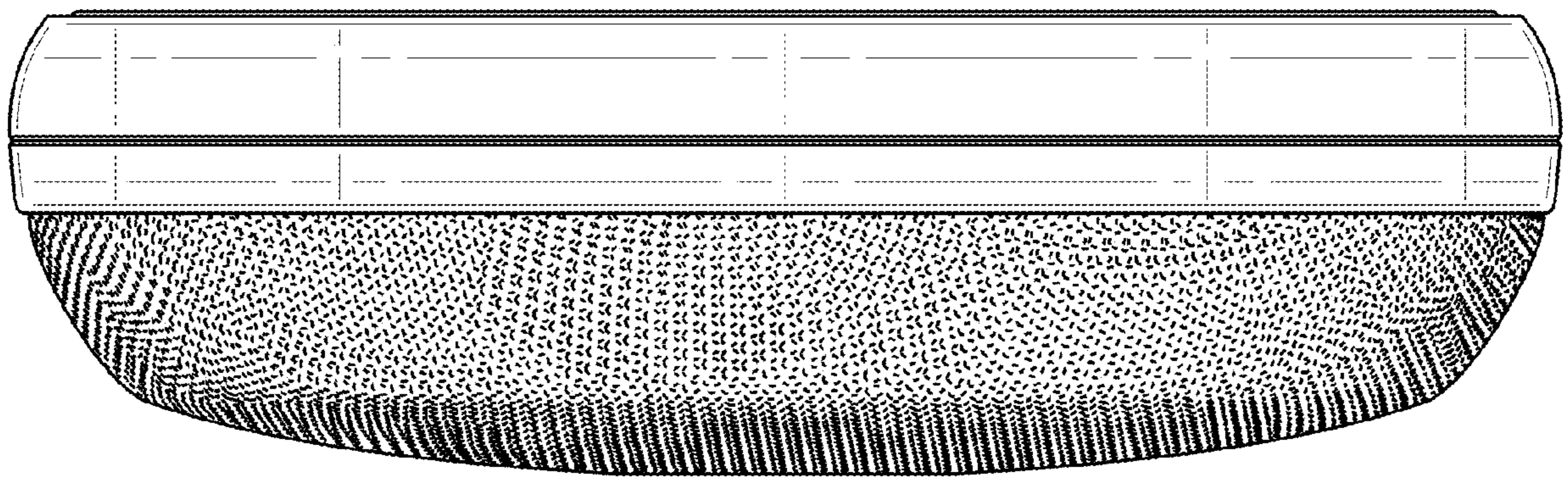
**FIG. 3**



**FIG. 4**

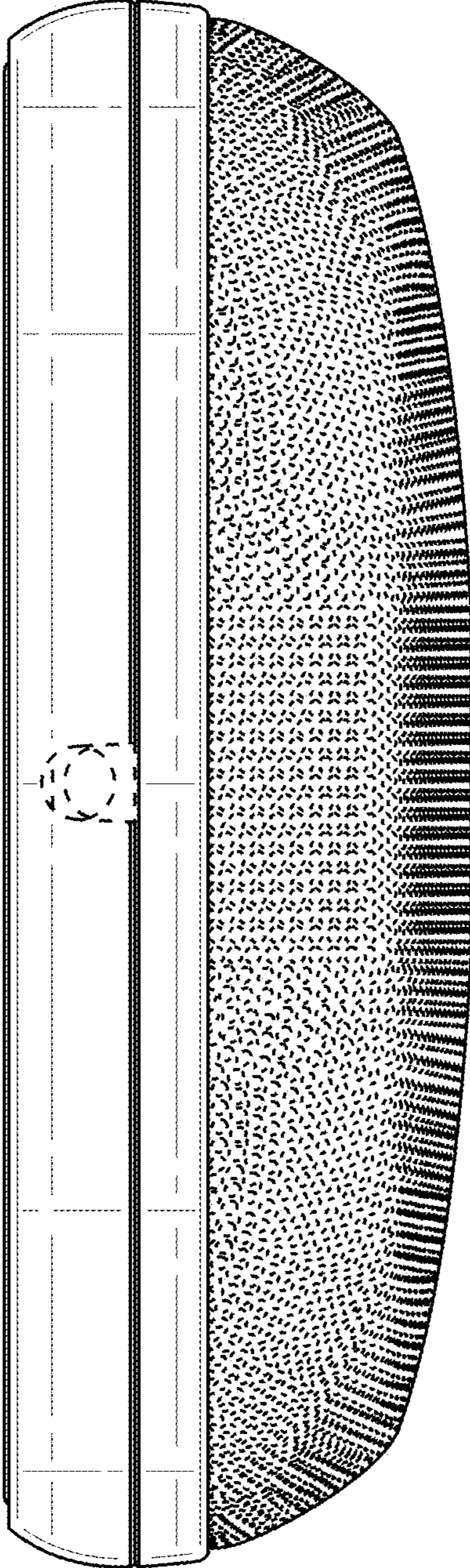


**FIG. 5**

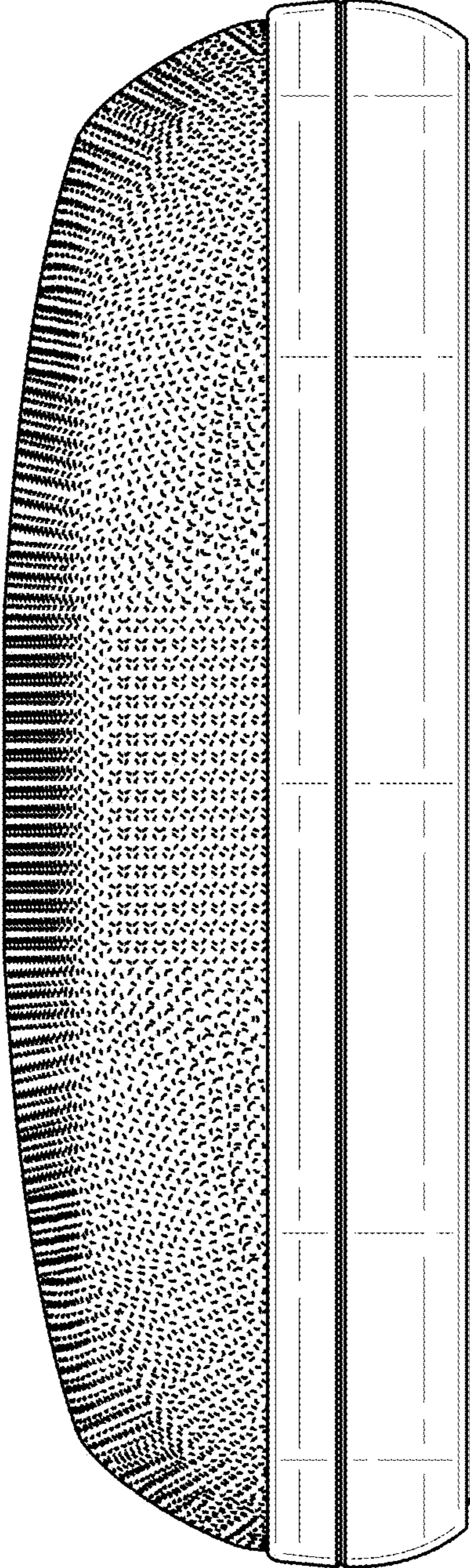


**FIG. 6**





**FIG. 7**



**FIG. 8**