



US00D947152S

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

(10) **Patent No.:** **US D947,152 S**  
(45) **Date of Patent:** **\*\* Mar. 29, 2022**

(54) **SPEAKER DEVICE**

(71) Applicant: **YANDEX EUROPE AG**, Lucerne  
(CH)

(72) Inventors: **Nikolai Anatolievich Lozinskiy**,  
Sankt-Peterburg (RU); **Igor Sergeevich**  
**Mikhnenko**, Kharkov (UA); **Vera**  
**Aleksandrovna Kozyr**, Sankt-Peterburg  
(RU)

(73) Assignee: **YANDEX EUROPE AG**, Lucerne  
(CH)

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

(21) Appl. No.: **29/726,619**

(22) Filed: **Mar. 4, 2020**

(30) **Foreign Application Priority Data**

Sep. 10, 2019 (RU) ..... RU2019503854

(51) **LOC (13) Cl.** ..... **14-01**

(52) **U.S. Cl.**  
USPC ..... **D14/204**

(58) **Field of Classification Search**  
USPC ..... D14/155–159, 160–173, 187–188,  
D14/203.1–203.8, 204–216, 217–222,  
D14/225–229, 356–358, 361, 362, 365,  
D14/367, 370, 388, 496; D13/103,  
D13/107–108

CPC ..... H04R 1/02; H04R 1/021; H04R 1/025;  
H04R 1/026; H04R 1/028; H04R 1/06;  
H04R 1/105; H04R 1/323; H04R 1/403;  
H04R 1/2803; H04R 1/2834

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

2,694,462 A 11/1954 Frank et al.  
3,327,808 A 6/1967 Shaper

3,329,235 A 7/1967 Shaper  
D230,194 S 1/1974 Buckler et al.  
3,818,138 A 6/1974 Sperrazza  
(Continued)

**FOREIGN PATENT DOCUMENTS**

CN 101933342 A 12/2010  
CN 202602769 U 12/2012  
(Continued)

**OTHER PUBLICATIONS**

Echo Dot (2nd Generation)—Smart speaker with Alexa, date not available, [retrieved Jun. 16, 2021], Retrieved from Internet, URL: <<https://www.amazon.com/Amazon-Echo-Dot-Portable-Bluetooth-Speaker-with-Alexa-White/dp/B01DFKC2SO?th=1>> (Year: 2021).\*

(Continued)

*Primary Examiner* — Barbara Fox  
*Assistant Examiner* — Aram Kwon  
(74) *Attorney, Agent, or Firm* — BCF LLP

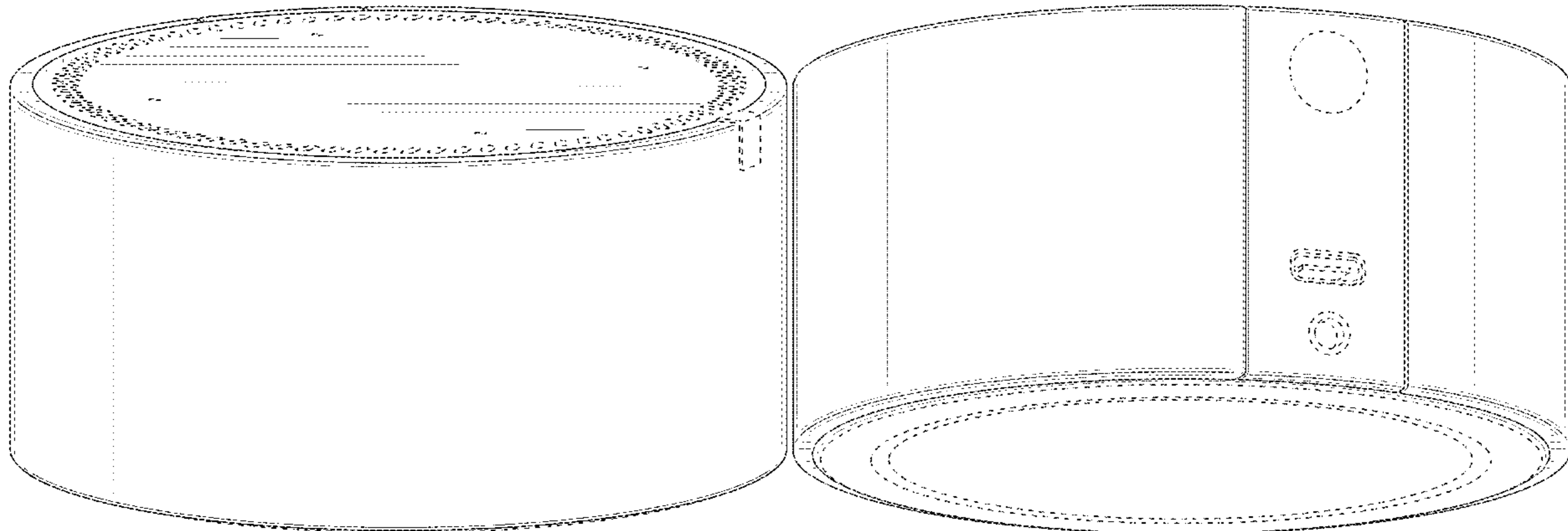
(57) **CLAIM**

The ornamental design for a speaker device, as shown and described.

**DESCRIPTION**

FIG. 1 is a top perspective view of a speaker device according to our design;  
FIG. 2 is a bottom perspective view thereof;  
FIG. 3 is a first elevation view thereof;  
FIG. 4 is a second elevation view thereof;  
FIG. 5 is a third elevation view thereof;  
FIG. 6 is a fourth elevation view thereof;  
FIG. 7 is a top plan view thereof; and,  
FIG. 8 is a bottom plan view thereof.  
The broken lines shown in the figures depict portions of the speaker device that form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

4,574,906 A 3/1986 White et al.  
D374,837 S \* 10/1996 Austin ..... D11/40  
5,712,957 A 1/1998 Waibel et al.  
D403,680 S 1/1999 Gremchuck  
D419,559 S 1/2000 Hsu  
D448,748 S 10/2001 Wong  
6,701,294 B1 3/2004 Ball et al.  
D524,799 S 7/2006 Hibi  
D531,617 S 11/2006 Rozier  
D570,828 S 6/2008 Cho  
D571,356 S 6/2008 Smith  
D593,071 S 5/2009 Laituri et al.  
D617,775 S 6/2010 Chae et al.  
7,925,004 B2 4/2011 Hodges et al.  
D638,402 S 5/2011 Hoehn  
7,953,456 B2 5/2011 Romesburg et al.  
8,140,335 B2 3/2012 Kennewick et al.  
8,219,394 B2 7/2012 Flaks et al.  
8,401,178 B2 3/2013 Chen et al.  
D681,601 S 5/2013 Gebski  
D686,594 S 7/2013 Lyubachev  
D693,794 S 11/2013 Nauroy  
D713,405 S 9/2014 Akana et al.  
8,914,277 B1 12/2014 Liu  
8,935,163 B2 1/2015 Huang et al.  
8,971,543 B1 3/2015 List  
9,001,994 B1 4/2015 Yang  
D729,205 S 5/2015 Shu et al.  
9,060,224 B1 6/2015 List  
9,087,520 B1 7/2015 Salvador  
9,113,264 B2 8/2015 Frater  
9,288,331 B2 3/2016 Mauchly et al.  
D753,625 S \* 4/2016 Young ..... D14/203.5  
9,324,322 B1 4/2016 Torok et al.  
D756,956 S \* 5/2016 Van Den Nieuwenhuizen .....  
D14/204  
9,351,059 B1 5/2016 Suhre  
D771,142 S \* 11/2016 Langhammer ..... D14/496  
D777,704 S 1/2017 Helwig et al.  
D780,729 S 3/2017 Shin et al.  
9,595,997 B1 3/2017 Yang  
9,628,910 B2 4/2017 Zurek et al.  
9,641,919 B1 5/2017 Poole et al.  
D810,045 S \* 2/2018 Kim ..... D14/204  
D815,149 S \* 4/2018 Langhammer ..... D14/496  
D826,205 S \* 8/2018 Langhammer ..... D14/203.6  
D835,062 S \* 12/2018 Langhammer ..... D14/203.6  
D842,847 S 3/2019 Walliser et al.  
D854,509 S 7/2019 Wu  
D877,149 S \* 3/2020 Johnston ..... D14/388  
D886,079 S \* 6/2020 Feng ..... D14/216  
D886,773 S \* 6/2020 Zheng ..... D14/204  
D909,333 S \* 2/2021 Wu ..... D14/204  
D918,204 S \* 5/2021 Raken ..... D14/388  
2006/0204027 A1 \* 9/2006 Sung ..... H04M 1/03  
381/370  
2008/0080723 A1 4/2008 Kim et al.  
2009/0121905 A1 \* 5/2009 Griffin, Jr. .... G08C 17/02  
341/35  
2009/0203344 A1 8/2009 Hanawalt et al.  
2010/0036667 A1 2/2010 Byford et al.  
2014/0140537 A1 5/2014 Soulodre  
2014/0172422 A1 6/2014 Hefetz  
2015/0012829 A1 1/2015 Brown et al.  
2015/0256953 A1 9/2015 Kwatra et al.  
2016/0021461 A1 \* 1/2016 Tang ..... H04R 9/025  
381/412  
2017/0025124 A1 1/2017 Mixter et al.  
2017/0140755 A1 5/2017 Andreas et al.  
2019/0200153 A1 6/2019 Gurkin et al.

FOREIGN PATENT DOCUMENTS

CN 103491484 A 1/2014  
CN 105163241 A 12/2015  
CN 106297815 A 1/2017  
CN 209572148 U 11/2019  
CN 306155410 \* 11/2020  
JP 2007181099 A 7/2007  
RU 2586842 C2 6/2016  
RU 2639952 C2 12/2017  
RU 00123440 \* 1/2021  
RU 00123441 \* 1/2021  
RU 00123442 \* 1/2021  
RU 00123443 \* 1/2021  
TW 201328177 A 7/2013  
WO 2017/185046 A1 10/2017

OTHER PUBLICATIONS

Smart Speaker Yandex, date first available: May 30, 2021, [retrieved Jun. 16, 2021], Retrieved from Internet, URL: <[https://www.amazon.com/Smart-Speaker-Yandex-Station-Assistant/dp/B09673KTCH/ref=pd\\_sbs\\_1/145-1368511-6281309?pd\\_rd\\_w=RnCIC&pf\\_rd\\_p%2E2%80%A6](https://www.amazon.com/Smart-Speaker-Yandex-Station-Assistant/dp/B09673KTCH/ref=pd_sbs_1/145-1368511-6281309?pd_rd_w=RnCIC&pf_rd_p%2E2%80%A6)> (Year: 2021).\*

Russia's Yandex introduces an Echo Dot-style smart speaker, Oct. 10, 2019, [retrieved Jun. 16, 2021], Retrieved from Internet, URL: <<https://techcrunch.com/2019/10/10/russias-yandex-introduces-an-echo-dot-style-smart-speaker/>> (Year: 2019).\*

Vergnes, "Interactive Assistant for Activities of Daily Living", IOS Press, Canada, 2003, pp. 1-8.

Sundblad et al., "OLGA—a Multimodal Interactive Information Assistant", CID—Center for User Oriented IT Design, Sweden, Computer Science, Apr. 1998, <https://www.semanticscholar.org/paper/OLGA%E2%80%94a-multimodal-interactive-information-assistant-Sundblad-Sundblad/6f9c6b7e09947c34ae54fcc29b38d96a71acc7c5>, 2 pages.

English Abstract for CN106297815 retrieved on Espacenet on Feb. 14, 2018.

English Abstract for JP2007181099 retrieved on Espacenet on Feb. 14, 2018.

English Abstract for CN202602769 retrieved on Espacenet on Feb. 14, 2018.

Search Report with regard to the counterpart RU Patent Application No. RU 2017146273 completed Jul. 23, 2019.

Office Action with regard to the counterpart U.S. Appl. No. 29/654,673 dated Oct. 4, 2019.

Kachur, Liubomyr [Ozone.com]; "The first Russian Smart Speaker is out"; <<https://dzone.com/articles/it-news-weekly-recap-new-facebook-search-engine-mi>>; dated Jun. 6, 2018; accessed Oct. 1, 2019; 2p. (Year: 2018); pdf 7 pages.

Restriction Requirement received with regard to the counterpart design U.S. Appl. No. 29/654,667 dated Nov. 26, 2019.

Office Action received with regard to the counterpart design U.S. Appl. No. 29/654,667 dated Feb. 4, 2020.

Office Action with regard to the counterpart CN patent application No. 201811447639.9 dated Mar. 2, 2020.

English Abstract for CN209572148 retrieved from Espacenet on Mar. 13, 2020.

English Abstract for CN105163241 retrieved from Espacenet on Mar. 13, 2020.

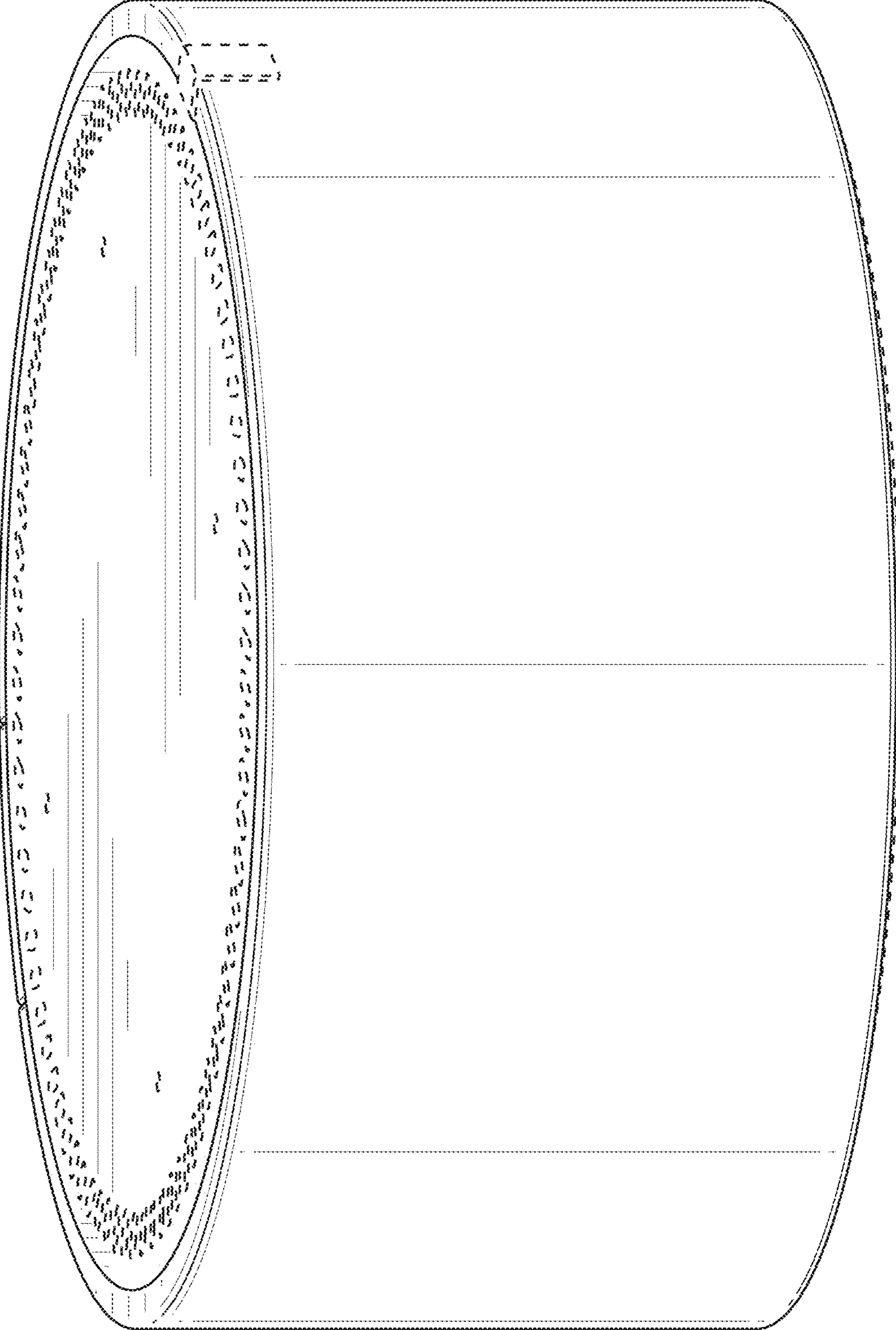
English Abstract for CN103491484 retrieved from Espacenet on Mar. 13, 2020.

English Abstract for TW201328177 retrieved from Espacenet on Mar. 13, 2020.

English Abstract for CN101933342 retrieved from Espacenet on Mar. 13, 2020.

\* cited by examiner





**FIG. 1**

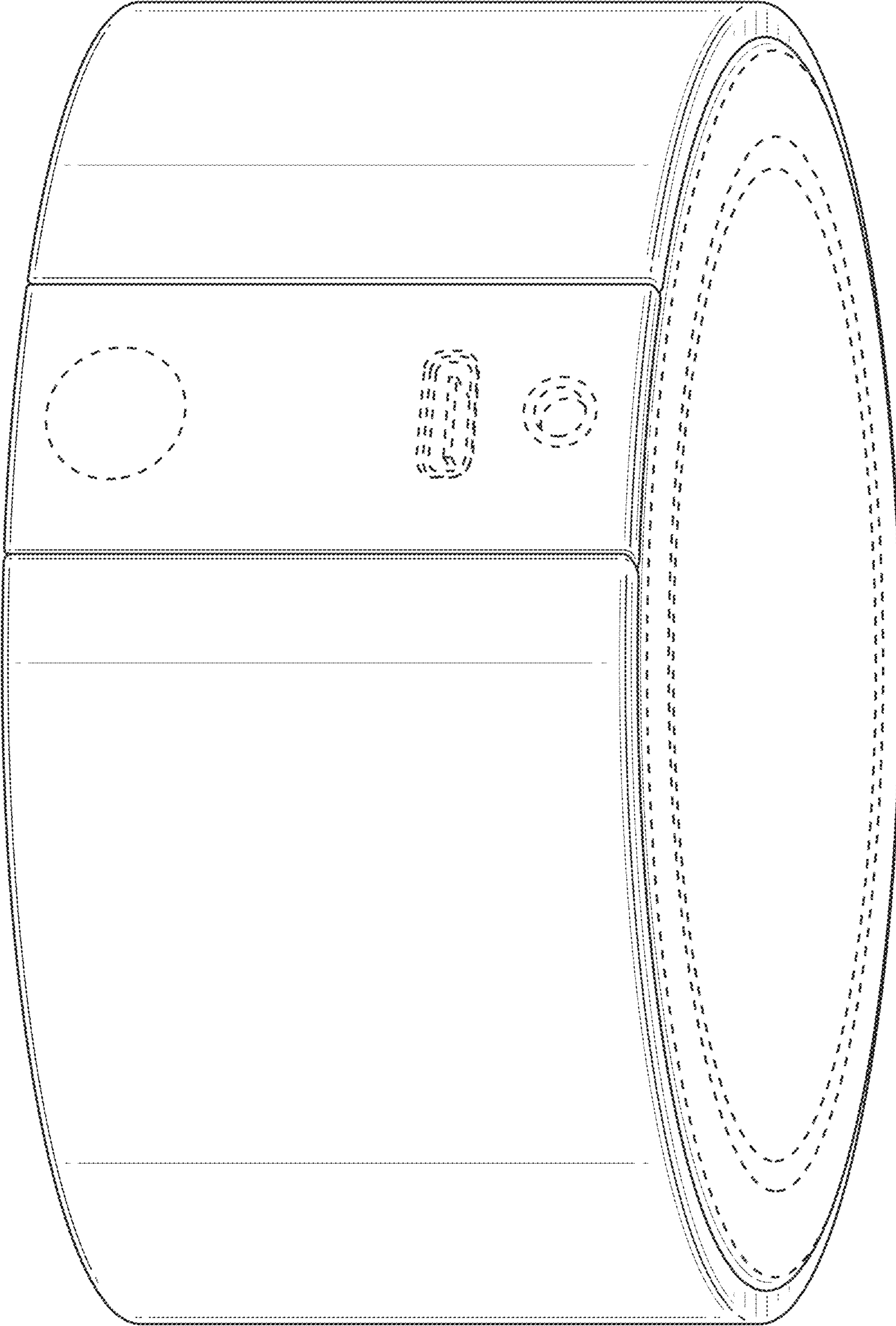
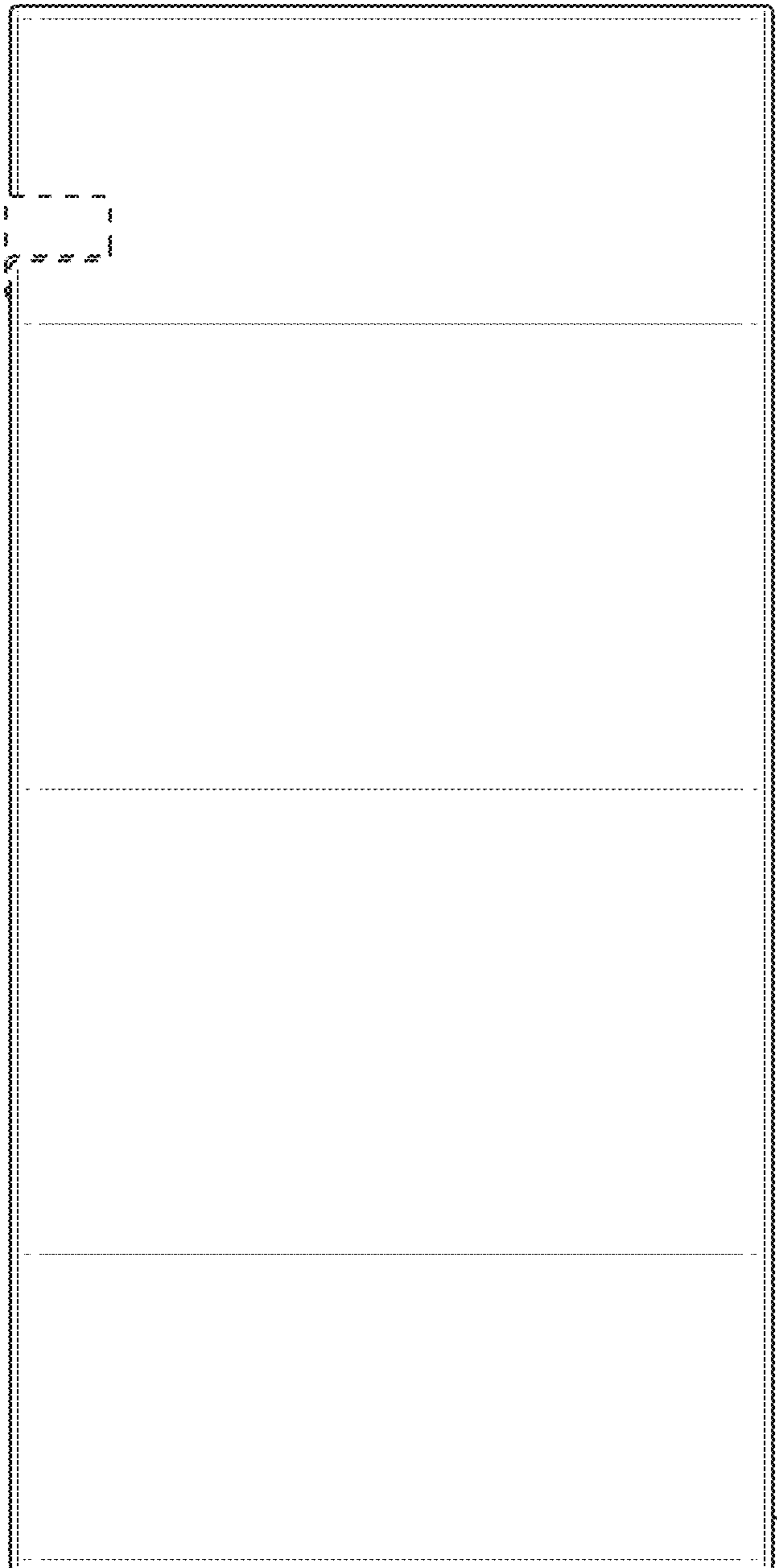
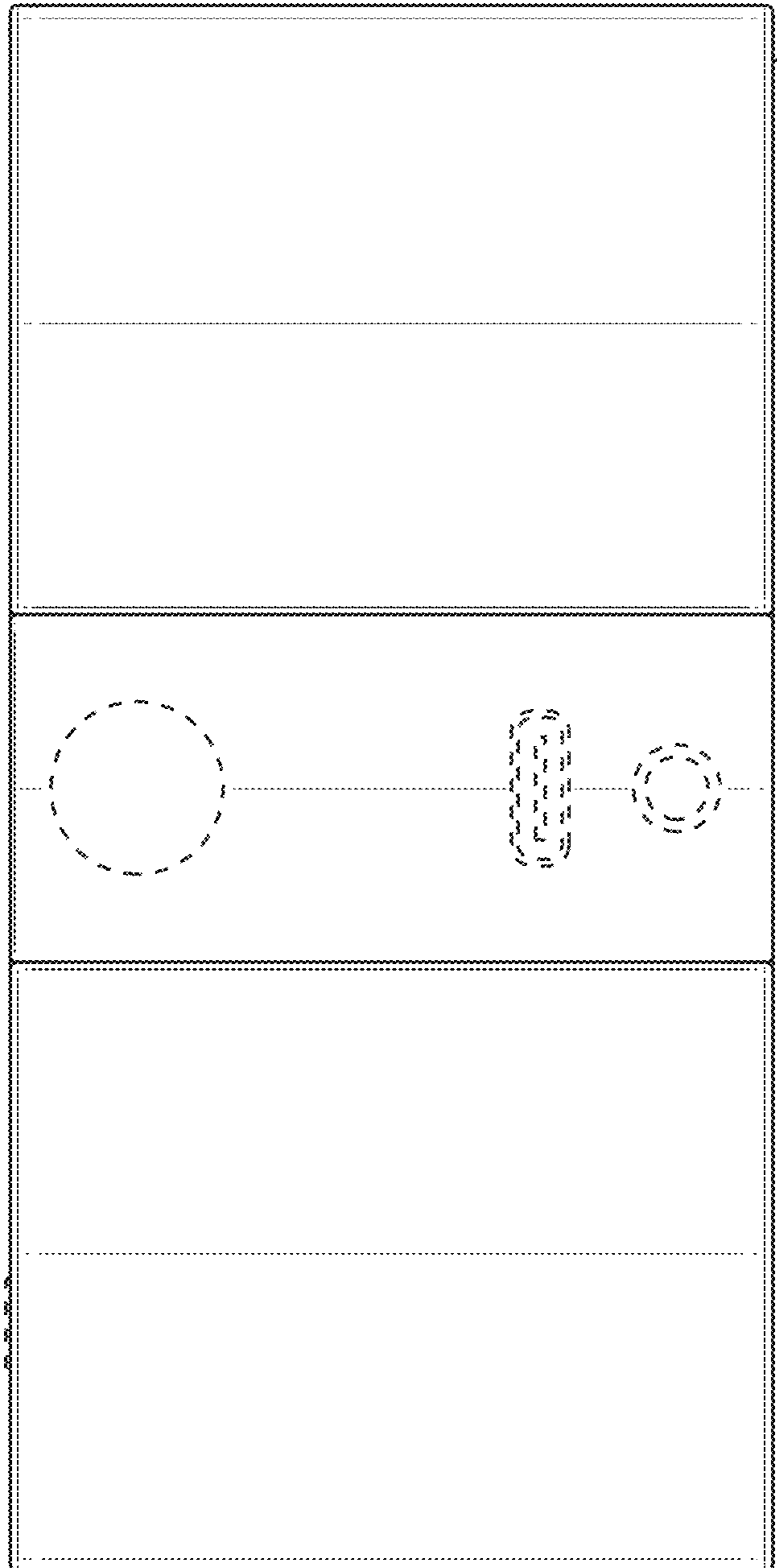


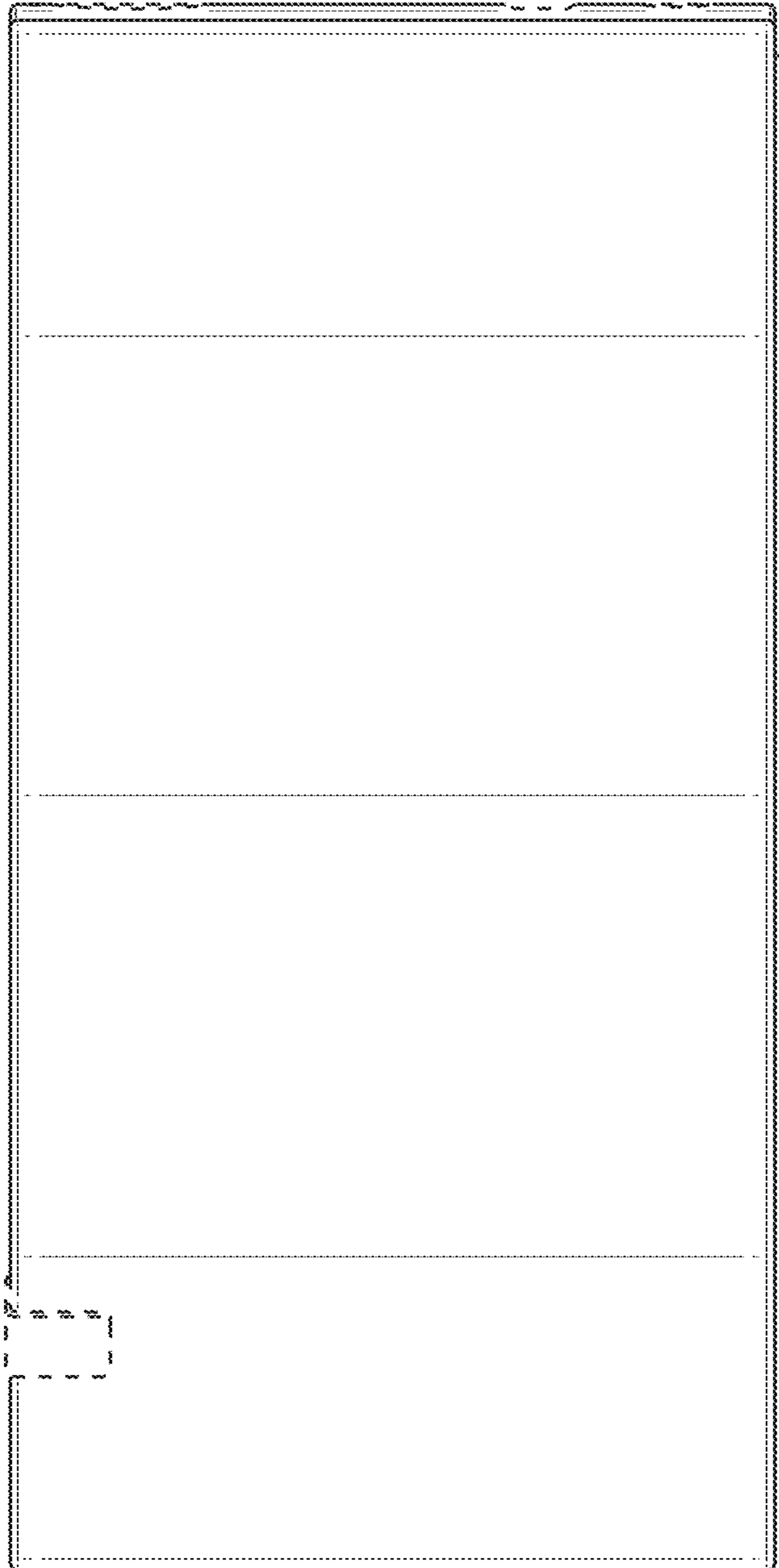
FIG. 2



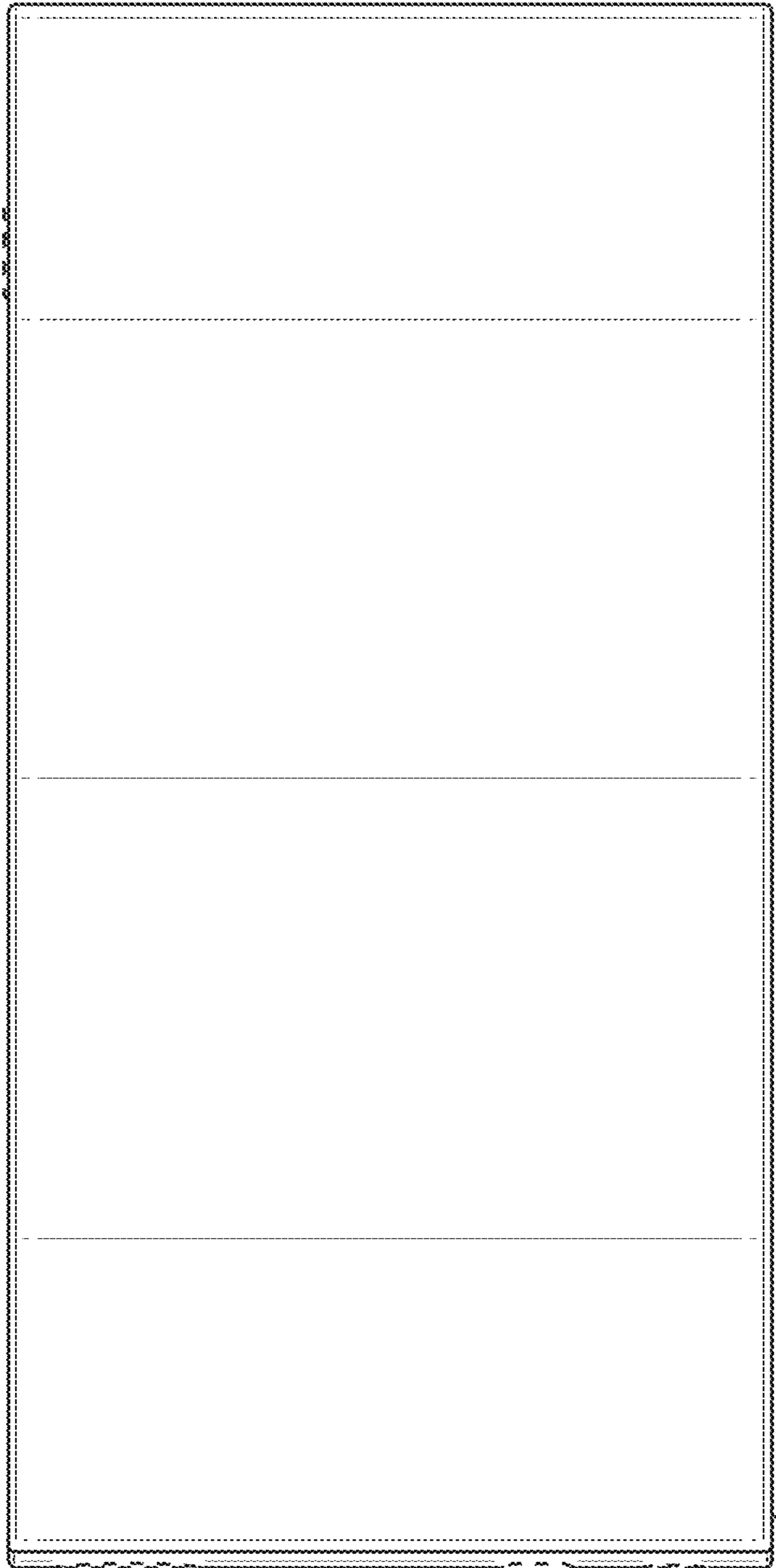
**FIG. 3**



**FIG. 4**



**FIG. 5**



**FIG. 6**



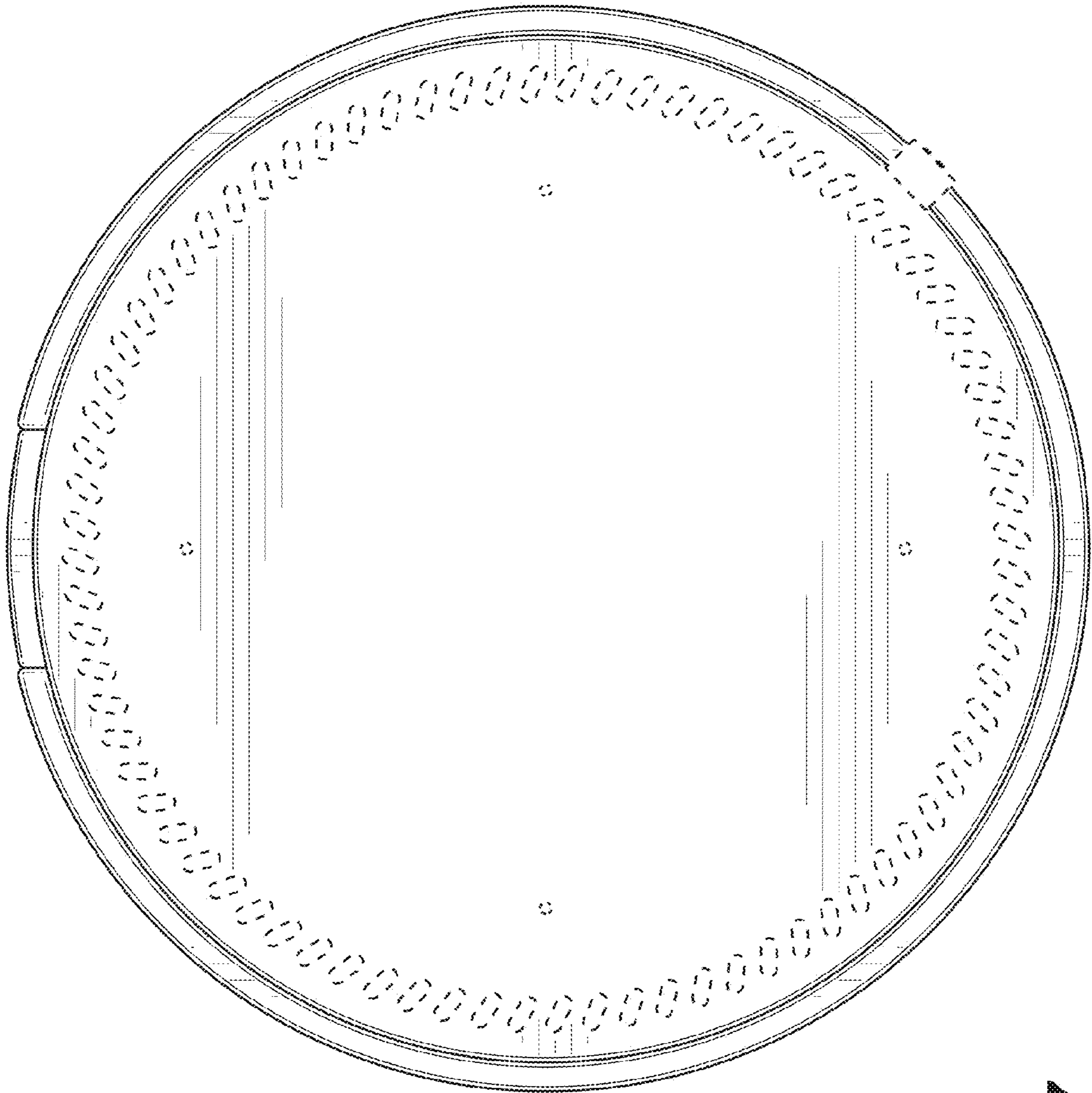
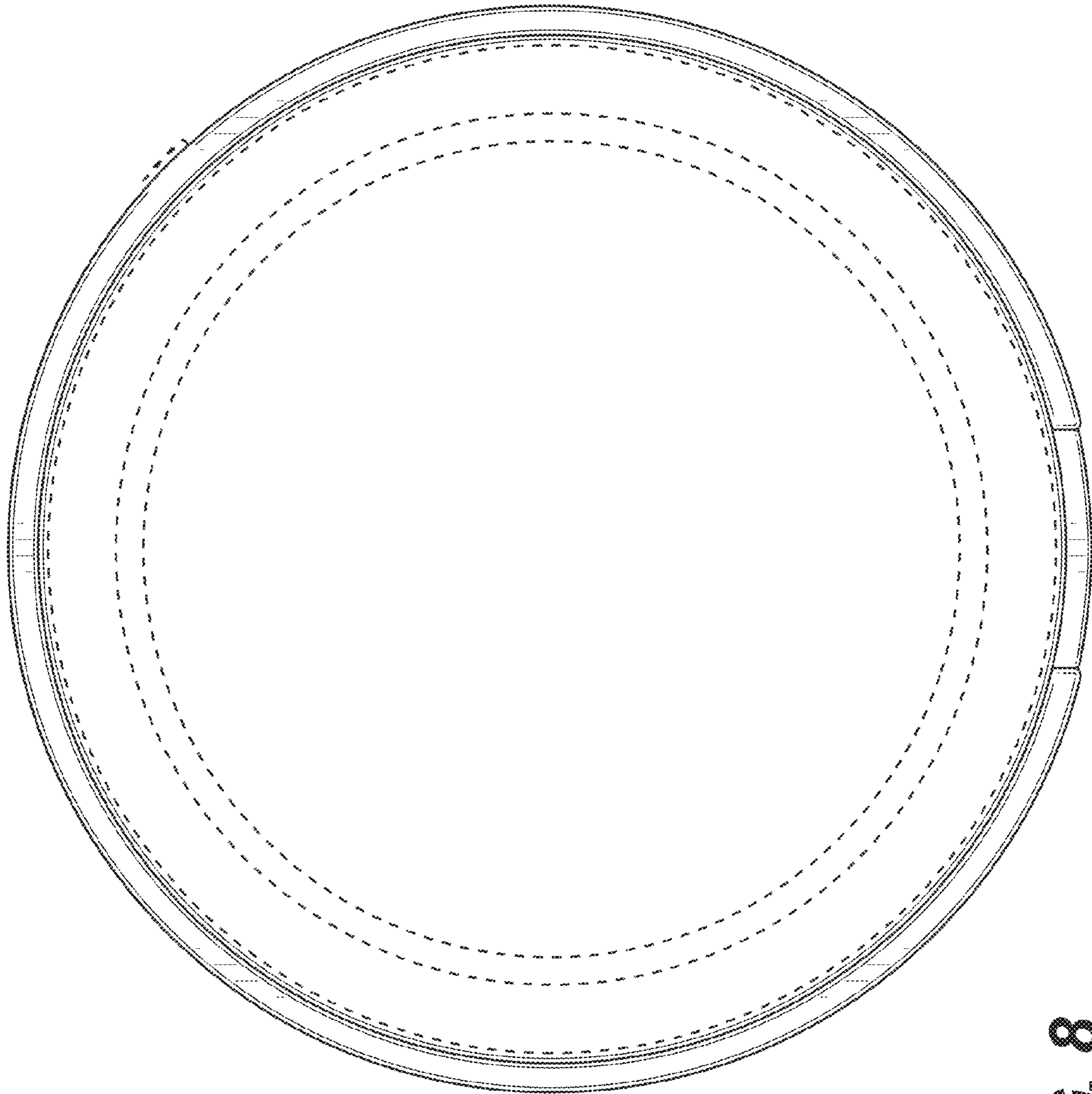


FIG. 7



**FIG. 8**