



US0D1031981S

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

(10) **Patent No.:** **US D1,031,981 S**

(45) **Date of Patent:** **** Jun. 18, 2024**

(54) **WIRELESS STETHOSCOPE**

D803,410 S * 11/2017 Im D24/169
D806,254 S * 12/2017 Im D24/186
D844,134 S * 3/2019 Bello A61B 5/02438
D24/134

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FOREIGN PATENT DOCUMENTS

CN 303290421 * 7/2015
CN 304826901 * 9/2018

(Continued)

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Taoyuan (TW)

OTHER PUBLICATIONS

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

What is StethoMe: The AI-powered stethoscopes that can be used at home. [online]. nsmedicaldevices.com, Jun. 5, 2019 [retrieved on May 10, 2023]. Retrieved from the Internet: <https://www.nsmedicaldevices.com/news/what-is-stethome-the-ai-powered-stethoscopes-that-can-be-used-at-home> (Year: 2019).*

(Continued)

(21) Appl. No.: **29/812,032**

(22) Filed: **Oct. 19, 2021**

(30) **Foreign Application Priority Data**

Sep. 14, 2021 (TW) 110304934

(51) **LOC (14) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/134**

(58) **Field of Classification Search**
USPC D24/133, 134, 138, 140, 167, 189, 168,
D24/187; D12/400; D8/356; D14/205,
D14/223, 213, 203.7

CPC .. A61B 7/02; A61B 7/04; A61B 7/026; A61B
7/045; A61B 5/256; A61B 5/257; A61B
5/259; A61B 5/150969; A61B 5/6833

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D506,242 S * 6/2005 Spangler D23/213
D600,811 S * 9/2009 Rounds D24/169
D718,868 S * 12/2014 Schroderus D24/167
D791,942 S * 7/2017 Hussain D24/134

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(57) **CLAIM**

The ornamental design for a wireless stethoscope, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a wireless stethoscope in accordance with our new and ornamental design;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a left side view thereof;

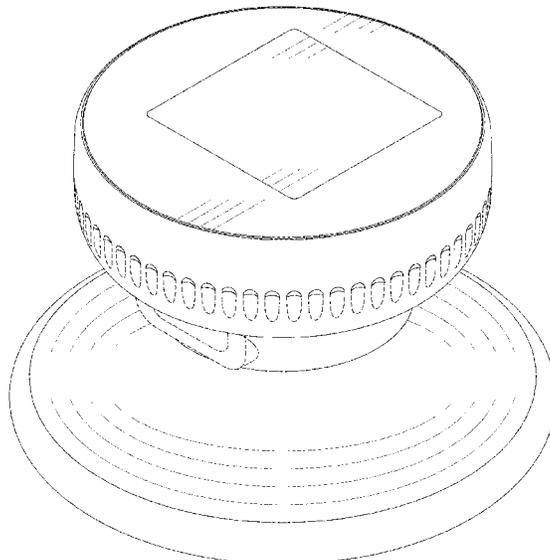
FIG. 5 is a right side view thereof;

FIG. 6 is a top plan view thereof; and,

FIG. 7 is a bottom plan view thereof.

The broken lines show portions of the wireless stethoscope that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D888,972	S	*	6/2020	Chernyavskiy	.....	D24/200
D907,787	S	*	1/2021	Chernyavskiy	.....	D24/200
D917,714	S	*	4/2021	Chen	.....	D24/187
D924,395	S	*	7/2021	Volk	.....	D24/127
D925,076	S	*	7/2021	Zhao	.....	D26/24
D928,320	S	*	8/2021	Sakazaki	.....	D24/146
D962,199	S	*	8/2022	Huang	.....	D14/223
D962,429	S	*	8/2022	Richards	.....	D24/134
D973,898	S	*	12/2022	Ostroff	.....	D24/217
D982,160	S	*	3/2023	Rashman	.....	D24/134
D994,886	S	*	8/2023	Lam	.....	D24/167
D994,887	S	*	8/2023	Lam	.....	D24/167
D1,002,017	S	*	10/2023	Shemesh	.....	A61B 5/0006 D24/187
2021/0358472	A1	*	11/2021	Chang	.....	G10K 11/341

FOREIGN PATENT DOCUMENTS

CN	307777196	*	1/2023
GB	9002704783-0001	*	5/2015
TW	216533-0001	*	1/2022

OTHER PUBLICATIONS

Innovative Wireless Stethoscope Liberates Auscultation, [online]. hospimedica.com, Feb. 19, 2018 [retrieved on May 10, 2023]. Retrieved from the Internet: <<https://www.hospimedica.com/health-it/articles/294772569/innovative-wireless-stethoscope-liberates-auscultation.html>> (Year: 2018).*

This Bluetooth stethoscope could end unnecessary doctors visits, [online]. wired.co.uk, Aug. 30, 2020 [retrieved on May 10, 2023]. Retrieved from the Internet: <<https://www.wired.co.uk/article/bluetooth-stethoscope-stethome>> (Year: 2020).*

ThinklabsOne Digital Stethoscope, thinklabs.com, [online], [site visited May 10, 2023], Available from internet, URL: <https://www.thinklabs.com/> (Year: 2023).*

Smart wireless stethoscope, red-dot.org, 2021 [online], [site visited May 10, 2023], Available from internet, URL: <https://www.red-dot.org/project/smart-wireless-stethoscope-54082> (Year: 2021).*

Qoca STR1, red-dot.org, 2022 [online], [site visited May 10, 2023], Available from internet, URL: <https://www.red-dot.org/project/qoca-str1-58358> (Year: 2022).*

Qoca STR2, red-dot.org, 2022 [online], [site visited May 10, 2023], Available from internet, URL: <https://www.red-dot.org/project/qoca-str2-58370> (Year: 2022).*

Professional Wireless Bluetooth stethoscope for doctor transmission, alibaba.com, [online], [site visited May 10, 2023], Available from internet, URL: https://www.alibaba.com/product-detail/professional-Wireless-Bluetooth-stethoscope-for-doctor_1600117145301.html (Year: 2023).*

Wireless Digital Stethoscope, taiwanexcellence.org, [online], [site visited May 10, 2023], Available from internet, URL: <https://www.taiwanexcellence.org/en/award/product/1110448> (Year: 2023).*

Screen captures from YouTube video clip entitled "Linktop Digital Stethoscope Demo Video," uploaded on Apr. 19, 2022 by user "Linktop". Retrieved from Internet <<https://www.youtube.com/watch?v=szxJJ0XAM6A>> (Year: 2022).*

Linktop Electronic Stethoscope with Bluetooth 5.0, gimaitaly.com, [online], [site visited May 10, 2023], Available from internet, URL: https://www.gimaitaly.com/prodotti.asp?sku=32599&dept_selected=54&dept_id=543 (Year: 2023).*

* cited by examiner

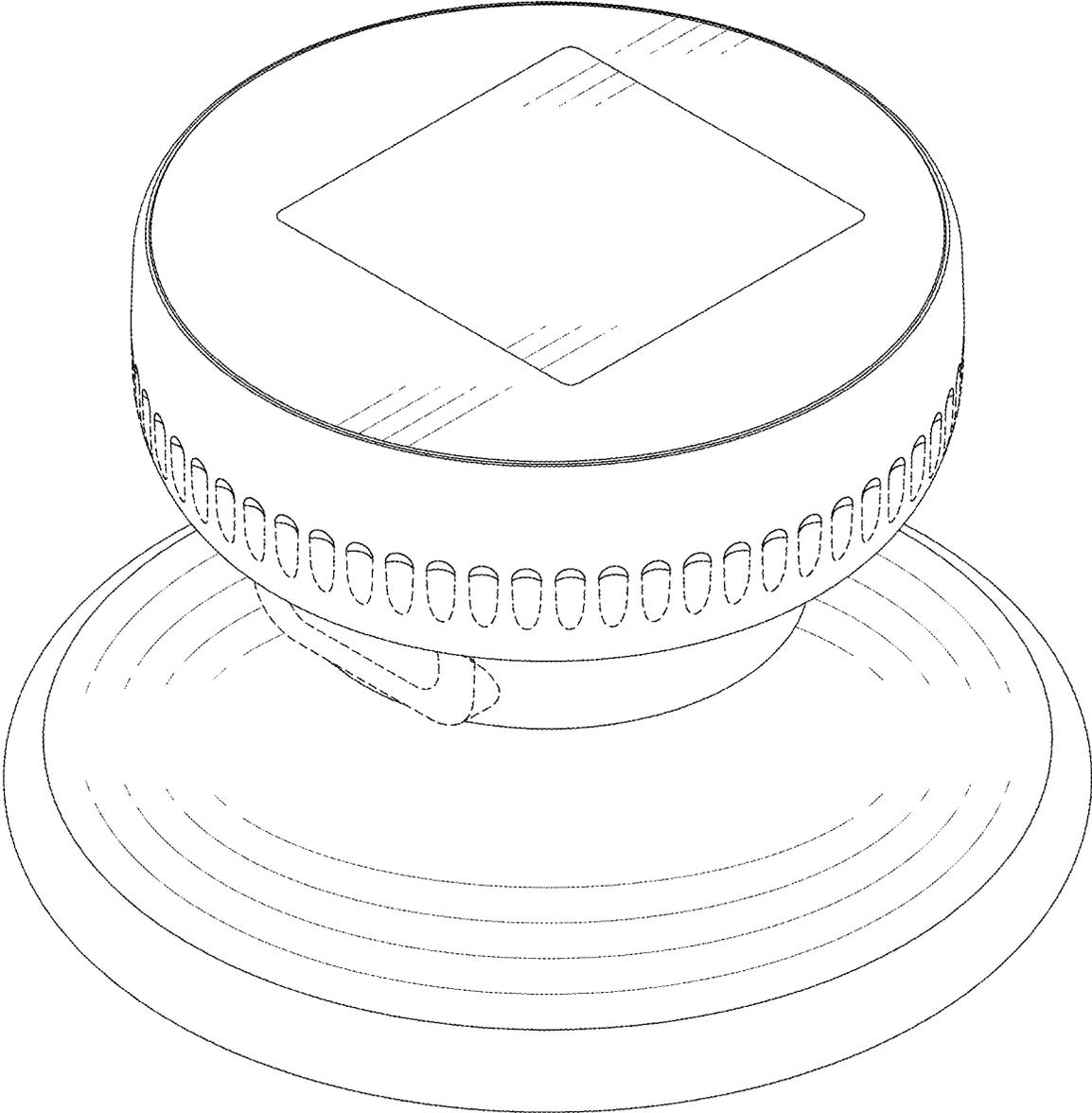


FIG. 1

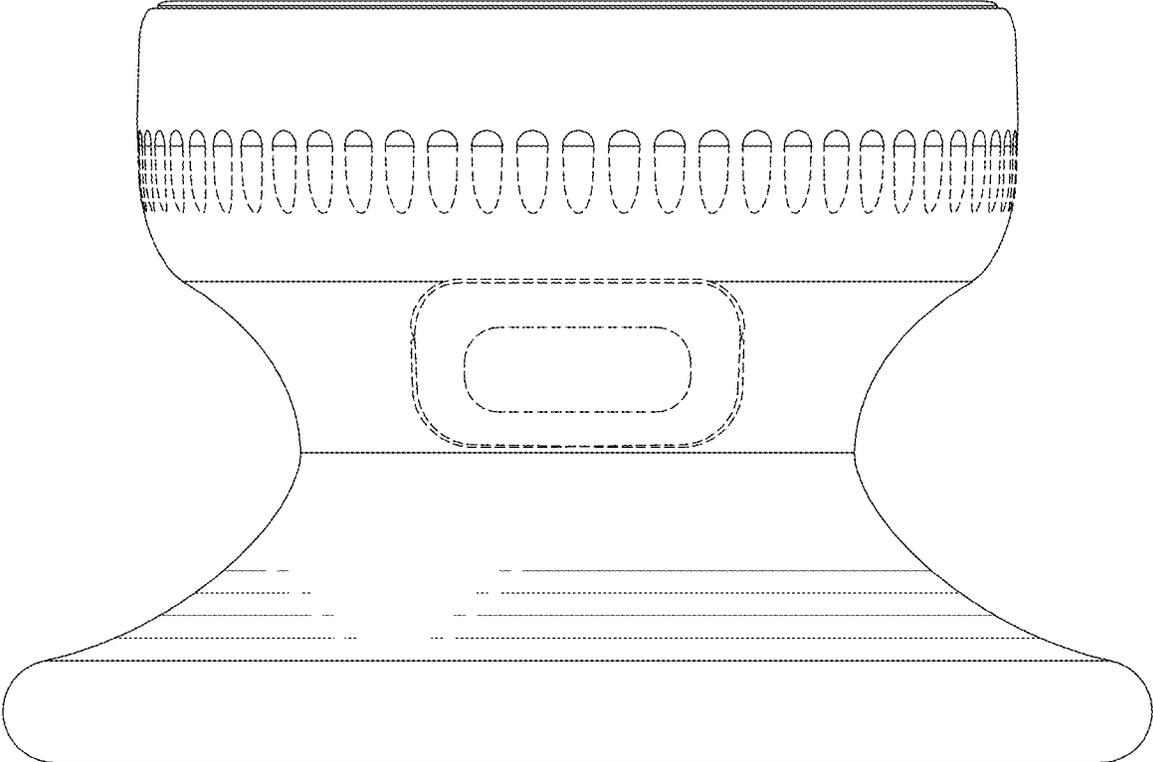


FIG. 2

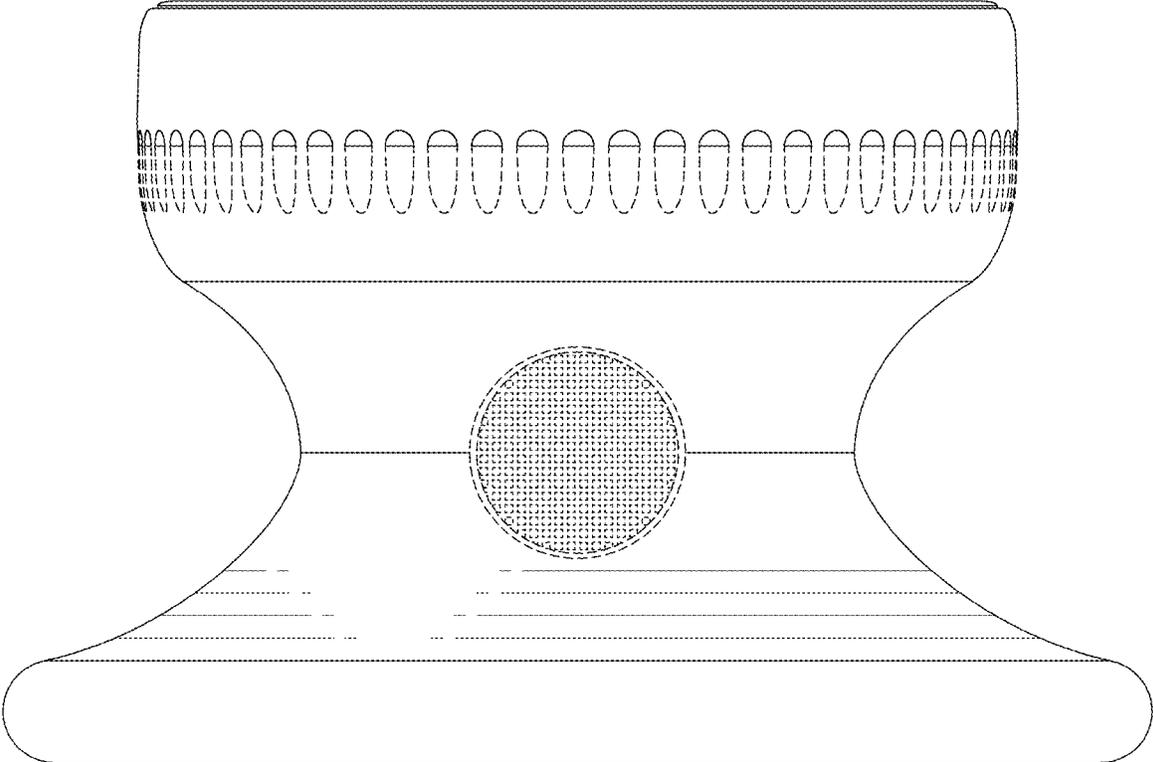


FIG. 3

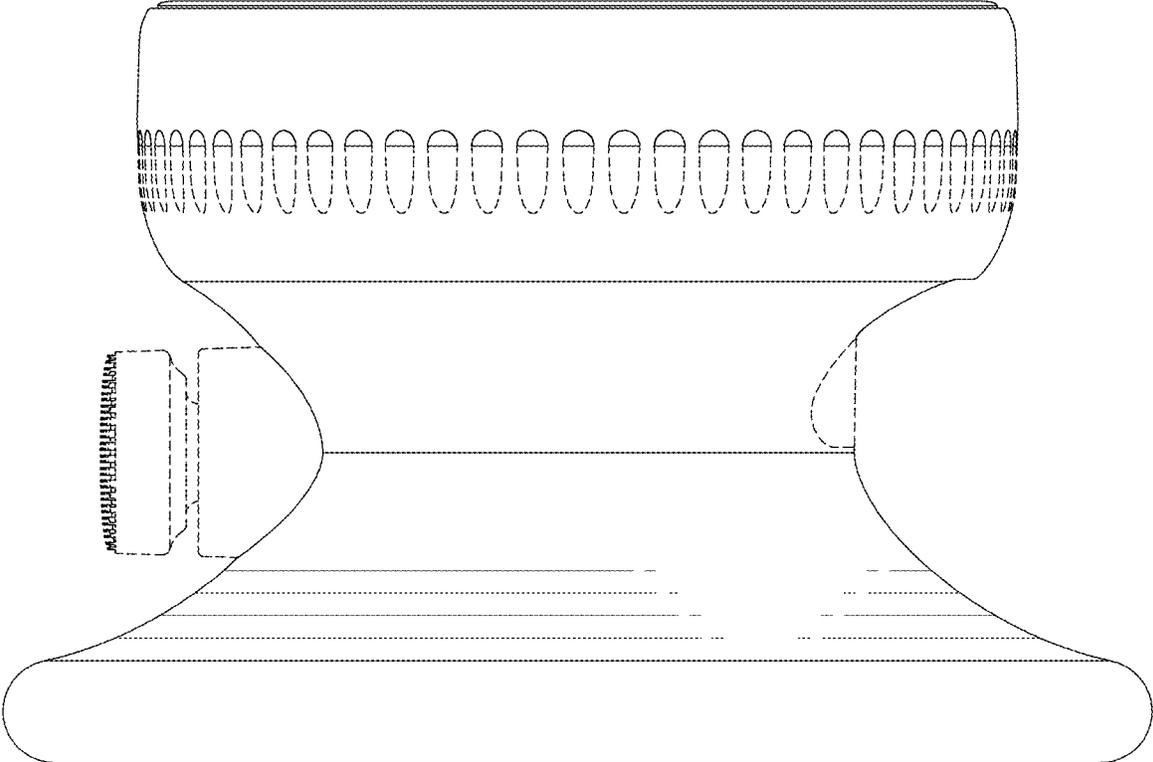


FIG. 4

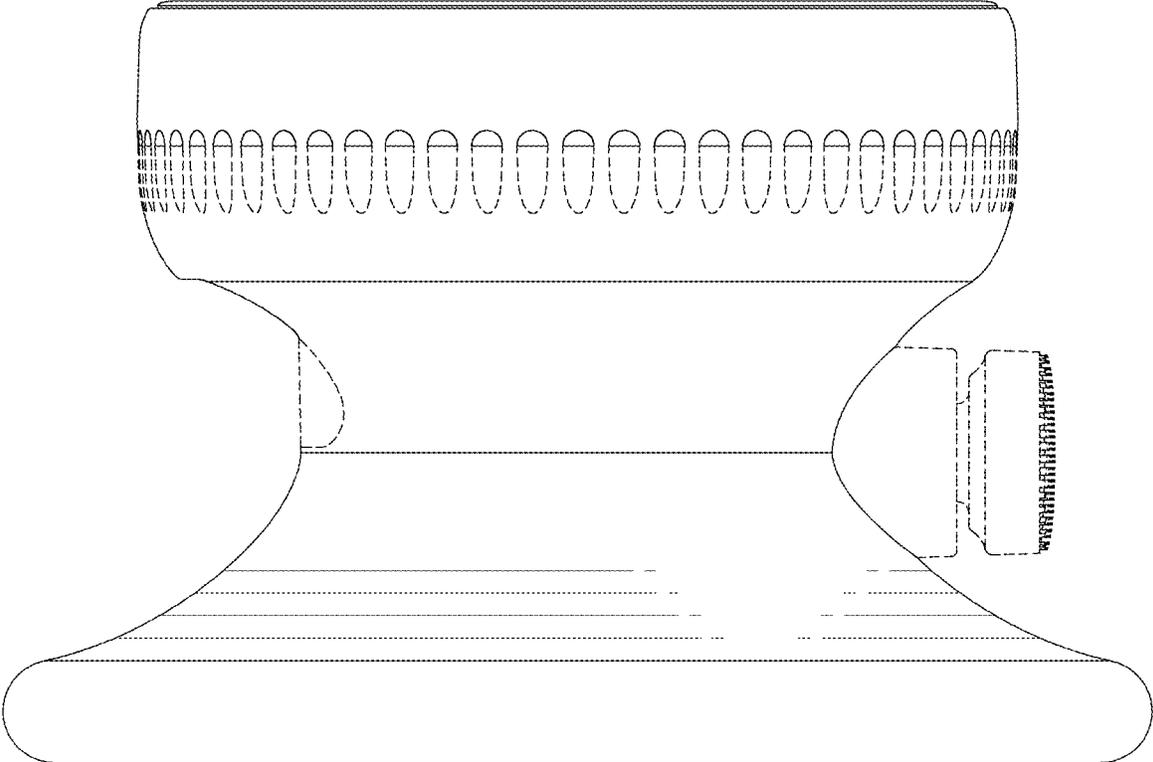


FIG. 5

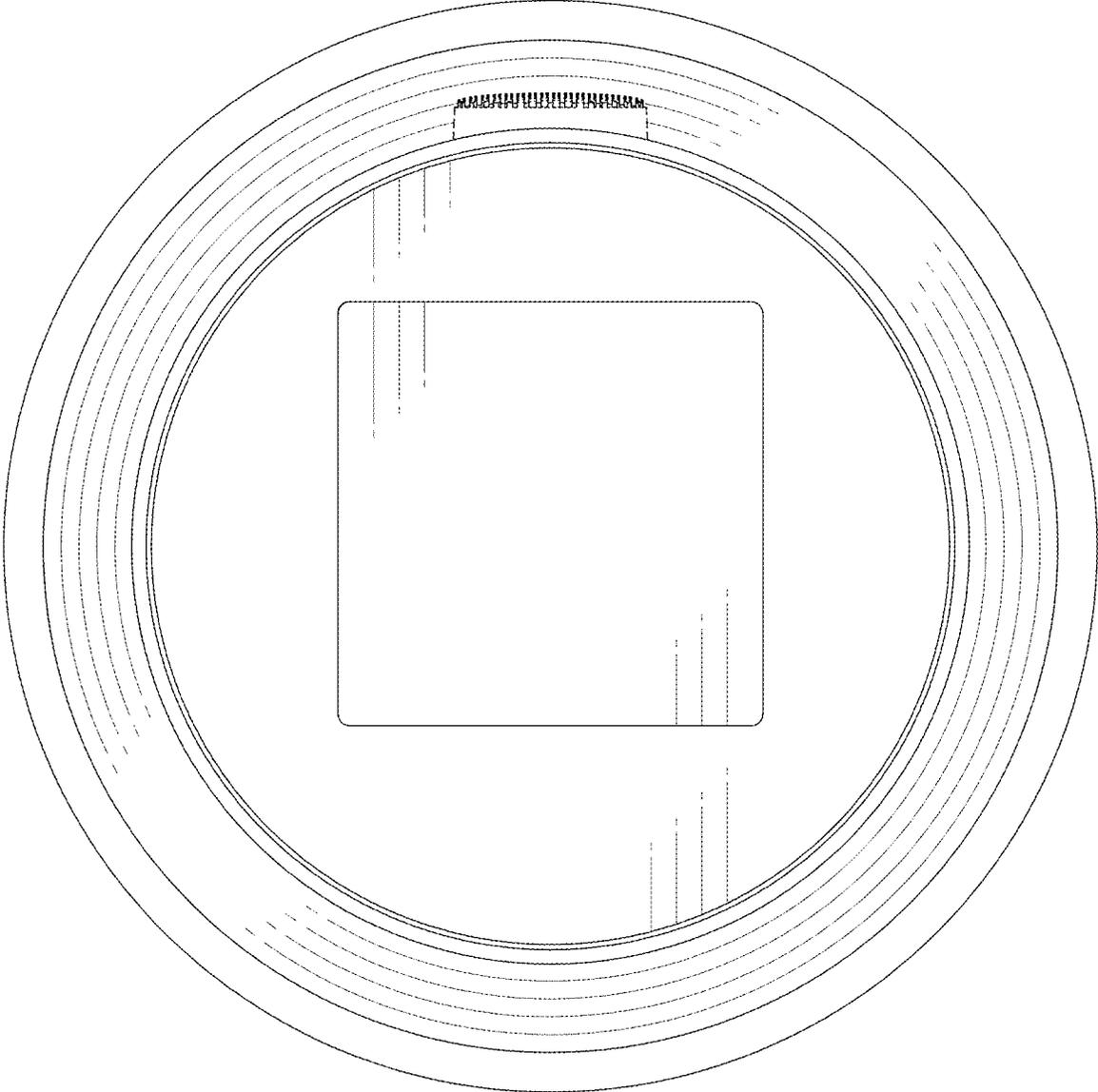


FIG. 6

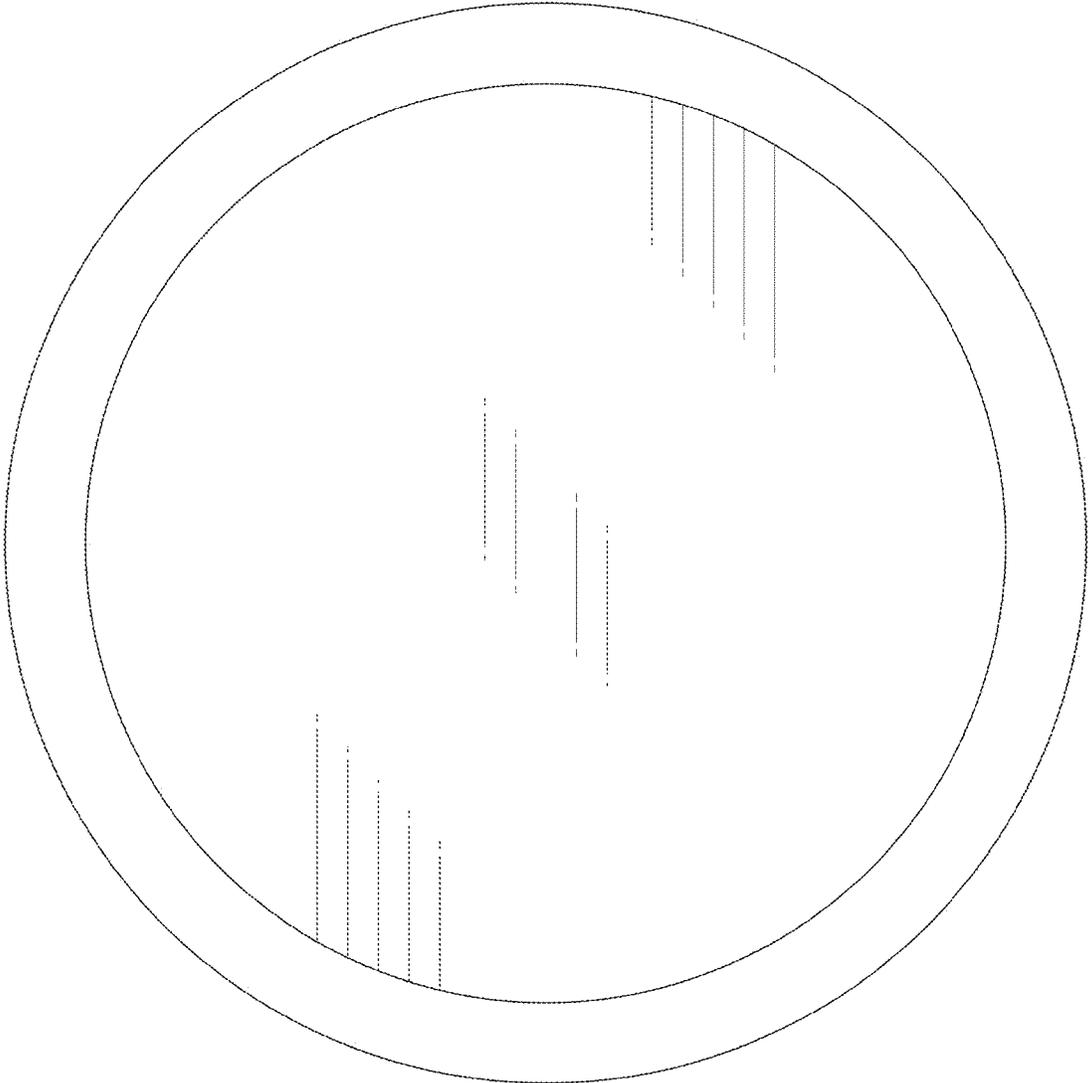


FIG. 7