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(12) **United States Design Patent** (10) **Patent No.:** **US D951,936 S**
Ma (45) **Date of Patent:** **** May 17, 2022**

(54) **FLEXIBLE SMART DEVICE**

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (13) Cl.** **14-02**

(52) **U.S. Cl.**
USPC **D14/344**

(58) **Field of Classification Search**

USPC D14/138 AA, 138 AB, 138 AC, 138 AD, D14/138 C, 138 G, 248, 315-318, D14/341-347, 371, 374, 432, 439; D6/308, 310; D10/50, 65, 104.1; D18/6-7; D19/26, 59-60; D21/324, D21/329-330, 332; D13/103
CPC ... H04M 1/0202; H04M 1/0266; H04M 1/725
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D297,215 S * 8/1988 Pavlovic D10/30
D532,001 S * 11/2006 Burke D14/240
D576,501 S * 9/2008 Tang D10/31
D632,264 S * 2/2011 Choi D13/168

(Continued)

FOREIGN PATENT DOCUMENTS

CN 303870957 * 9/2016
CN 306477416 * 4/2021

(Continued)

OTHER PUBLICATIONS

Lenovo HW02 Plus Fitness Band review, Mar. 22, 2018, [retrieved Sep. 26, 2021], Retrieved from Internet, URL: <https://economictimes.indiatimes.com/magazines/panache/lenovo-hw02-plus-fitness-band-review-ideal-for-fitness-enthusiasts-on-a-budget/articleshow%E2%80%A6> (Year: 2018).*

(Continued)

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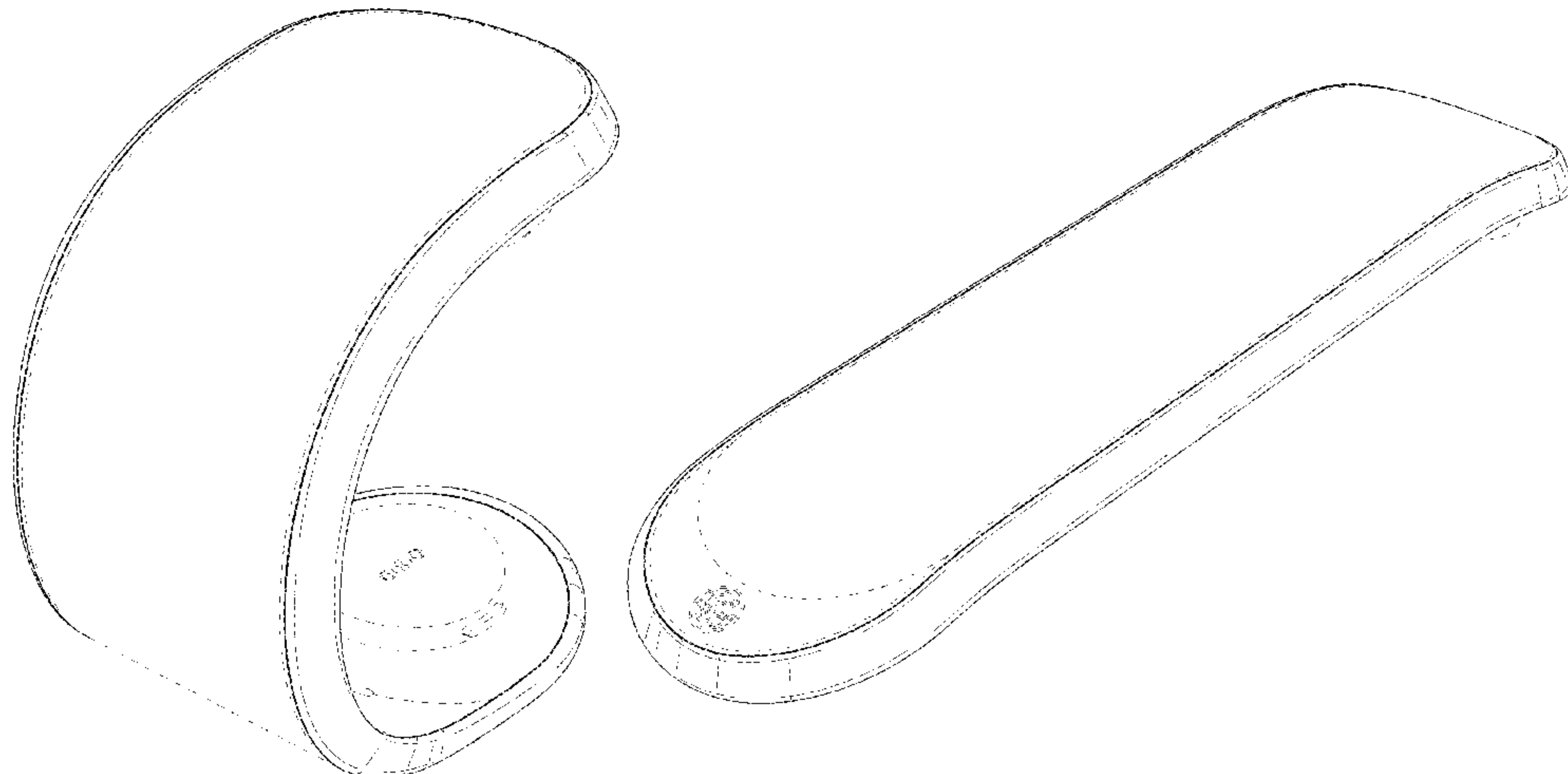
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a front view of a flexible smart device showing my 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 top view thereof;
FIG. 6 is a bottom view thereof;
FIG. 7 is a perspective view thereof;
FIG. 8 is a perspective view of the flexible smart device shown in an unfolded state;
FIG. 9 is a perspective view of the flexible smart device shown in a state of use; and,
FIG. 10 is a perspective view of the flexible smart device shown in a second state of use.
The broken lines shown in the drawings illustrate portions of the flexible smart device that form no part of the claimed design.

1 Claim, 10 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D715,801 S * 10/2014 Lee D14/407
 D721,701 S * 1/2015 Al-Nasser D14/344
 D722,894 S * 2/2015 Vondle D10/32
 D726,140 S * 4/2015 Park D14/138 R
 D733,130 S * 6/2015 Kim D14/344
 D739,274 S * 9/2015 Chen D10/70
 D768,300 S * 10/2016 Felix D24/186
 D772,867 S * 11/2016 Park D14/344
 D772,870 S * 11/2016 Park D14/344
 D772,871 S * 11/2016 Park D14/344
 D772,872 S * 11/2016 Park D14/344
 D776,762 S * 1/2017 Zenoff D20/42
 D786,862 S * 5/2017 Park D14/344
 D788,105 S * 5/2017 Heck D14/344
 9,720,445 B2 * 8/2017 Fujimura G06F 1/1637
 D800,312 S * 10/2017 Nishiyama D24/166
 D804,471 S * 12/2017 von Badinski D14/344
 D841,612 S * 2/2019 Kwon D14/138 AB
 D850,443 S * 6/2019 Kwon D14/344
 10,345,853 B2 * 7/2019 Wu G06F 1/1675
 D860,461 S * 9/2019 Lee D24/165
 10,545,710 B2 * 1/2020 Wu G06F 3/147
 D880,475 S * 4/2020 Kwon D14/344
 D884,502 S * 5/2020 Kivela D10/70
 D885,380 S * 5/2020 Grening D14/344
 D900,054 S * 10/2020 Kim D14/192
 D917,468 S * 4/2021 Lee D14/344
 11,086,357 B2 * 8/2021 Inagaki H04B 5/0062
 D933,658 S * 10/2021 Chen D14/407
 2009/0251888 A1 * 10/2009 Douglas G06F 1/163
 362/103
 2010/0029327 A1 * 2/2010 Jee G06F 1/163
 455/556.1
 2011/0199205 A1 * 8/2011 Kreml A61B 5/1118
 340/539.11
 2014/0039804 A1 * 2/2014 Park G16H 40/67
 702/19

2015/0062840 A1 * 3/2015 Kim G06F 1/1626
 361/749
 2015/0089974 A1 * 4/2015 Seo A44C 5/0076
 63/1.13
 2015/0245120 A1 * 8/2015 Li H04R 1/28
 381/334
 2015/0378391 A1 * 12/2015 Huitema G09F 21/02
 361/679.03
 2016/0081180 A1 * 3/2016 Huitema H01L 51/0097
 361/749
 2017/0160819 A1 * 6/2017 Yi G06F 3/04164
 2017/0332497 A1 * 11/2017 Zhang G09F 9/301

FOREIGN PATENT DOCUMENTS

KR 300924087.0000 * 10/2020
 KR 301108352.0000 * 5/2021
 WO WOD085182-002 * 1/2015

OTHER PUBLICATIONS

Lenovo HW02 Plus Heart Rate Fitness Band, date first available: Nov. 3, 2017, [retrieved Sep. 26, 2021], Retrieved from Internet, URL: <<https://www.amazon.in/Lenovo-HW02-Heart-Fitness-Fashion-Blue/dp/B0774NGFCK>> (Year: 2017).*

Lenovo Showcases Flexible, Wraparound Smartphone . . . , Jun. 10, 2016, [retrieved Sep. 26, 2021], Retrieved from Internet, URL: <<https://gadgets.ndtv.com/mobiles/news/lenovo-showcases-flexible-wraparound-smartphone-and-foldable-tablet-at-tech-world-847493>> (Year: 2016).*

Wearable Tech Provides Data-Driven Mental Health Therapy, date not available, [retrieved Sep. 26, 2021], Retrieved from Internet, URL: <<https://www.mathworks.com/company/mathworks-stories/wearable-tech-uses-signal-processing-ai-for-mental-health.html>> (Year: 2021).*

* cited by examiner

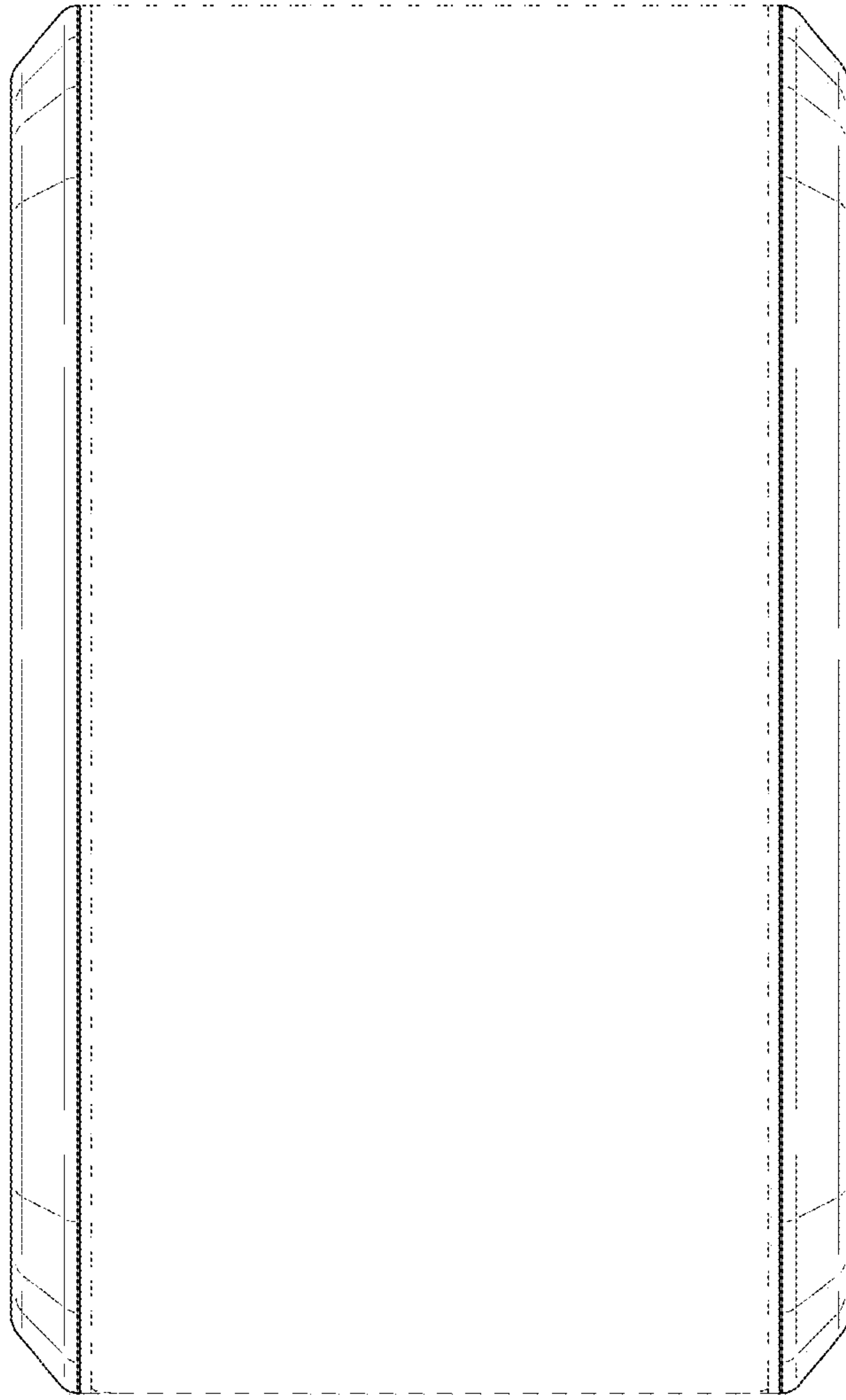


FIG. 1

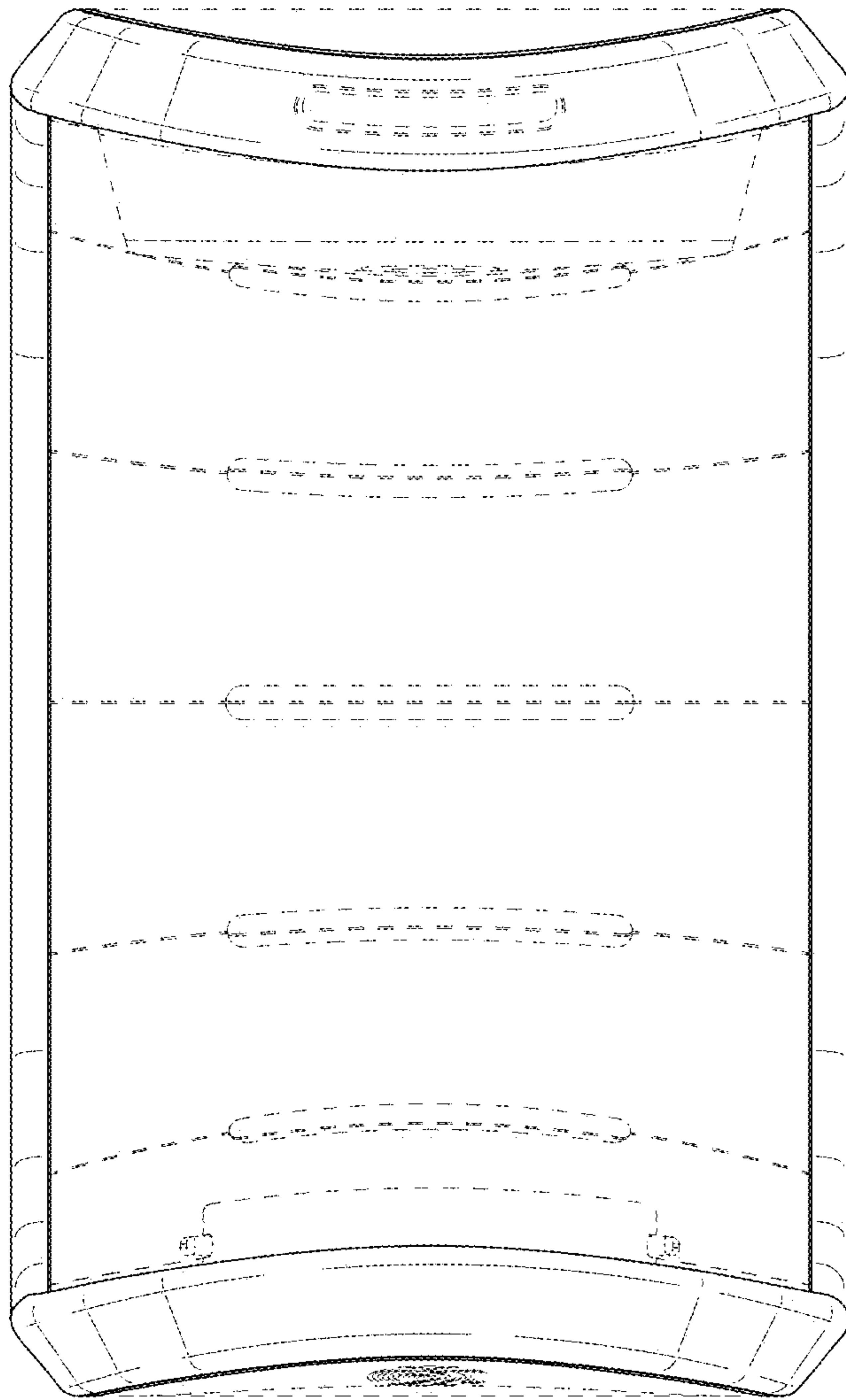


FIG. 2

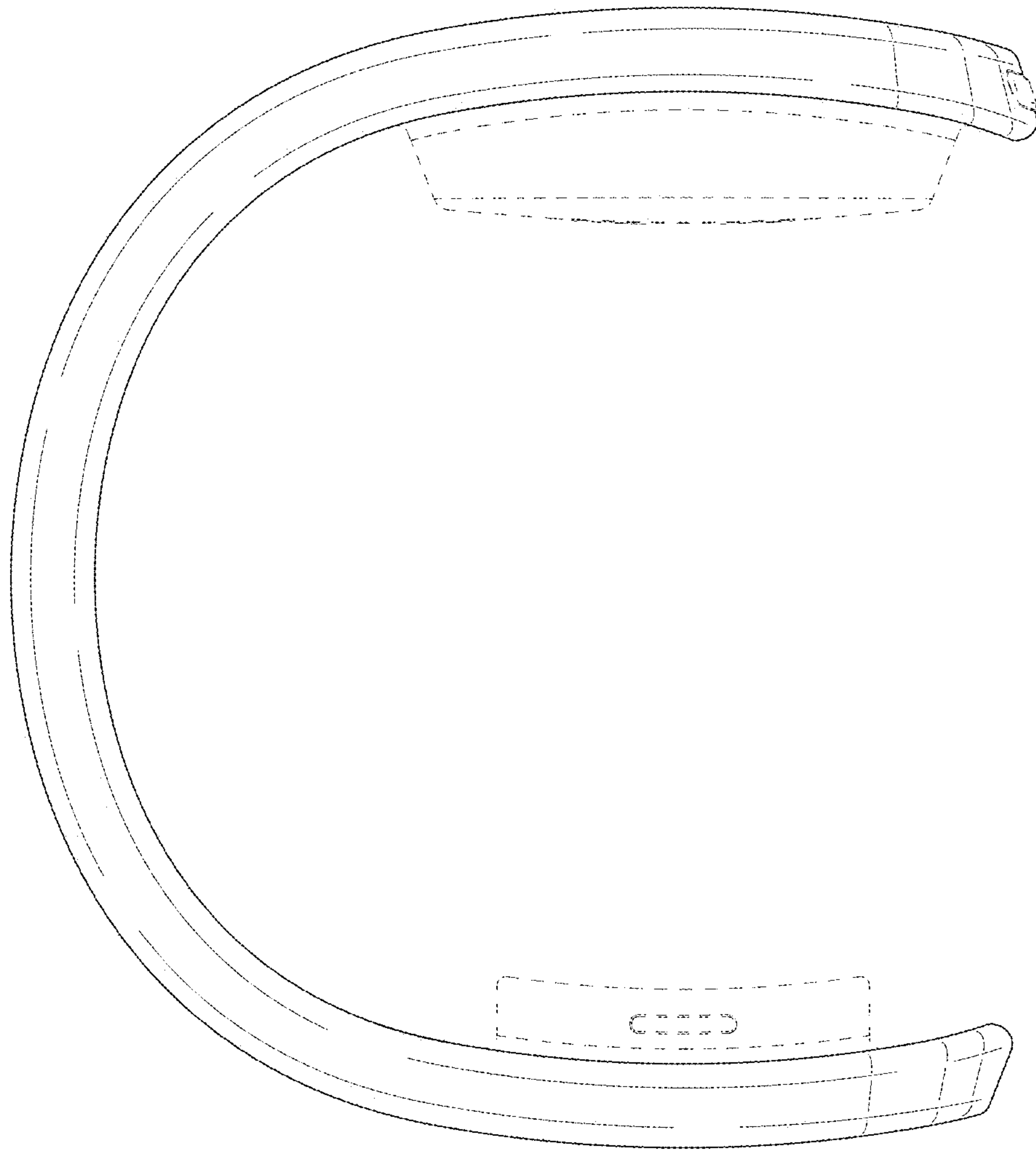


FIG. 3

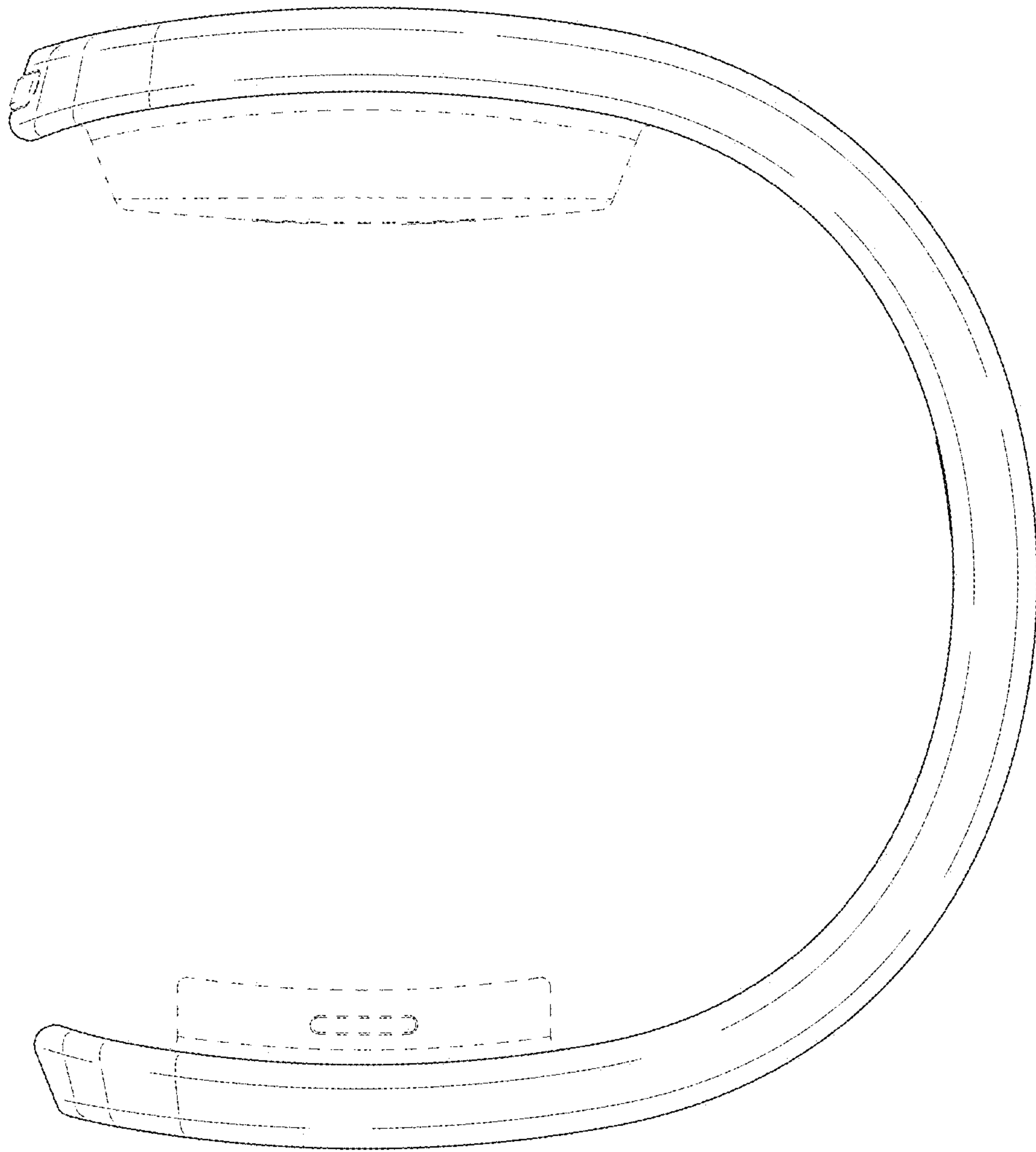


FIG. 4

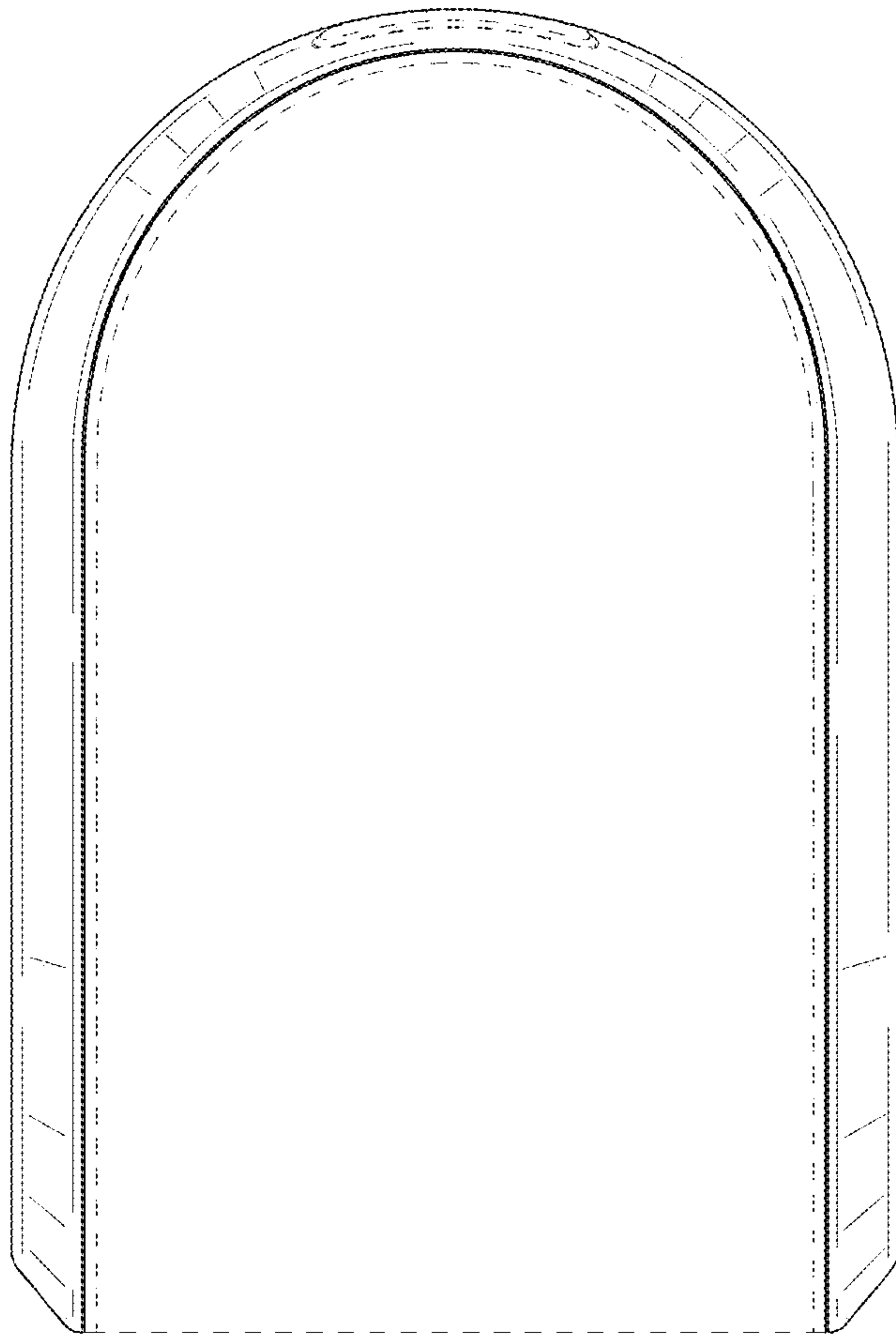


FIG. 5

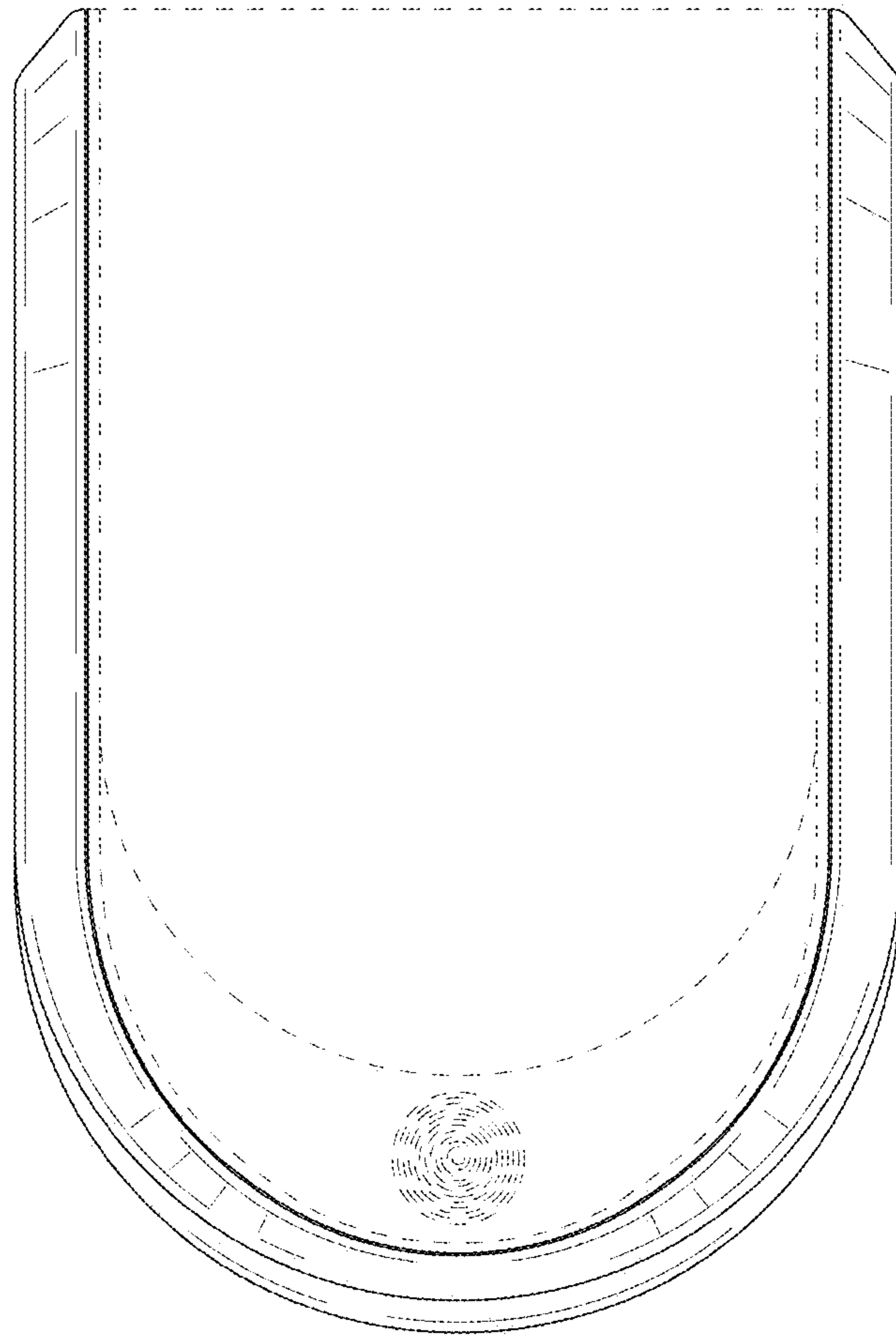


FIG. 6

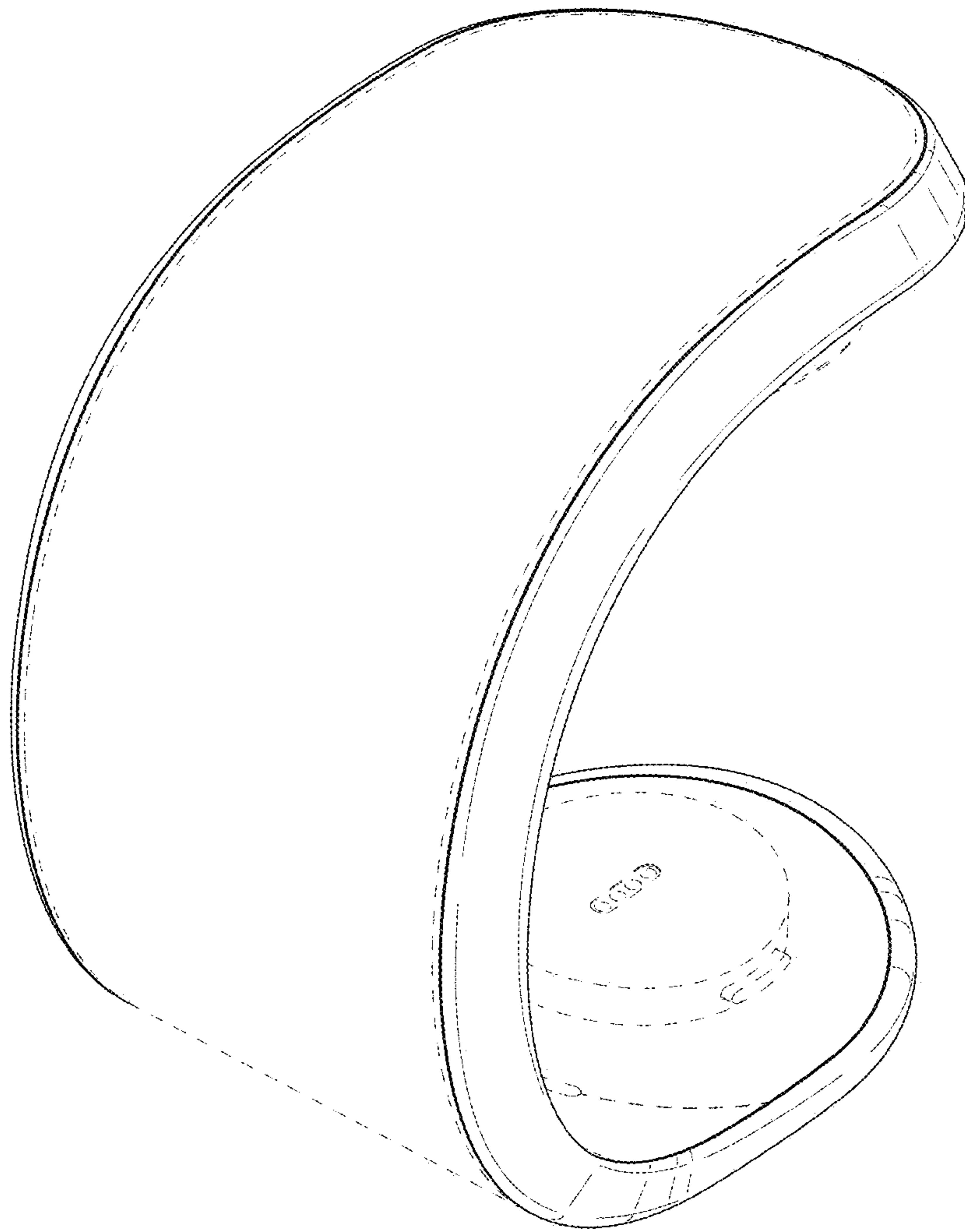


FIG. 7

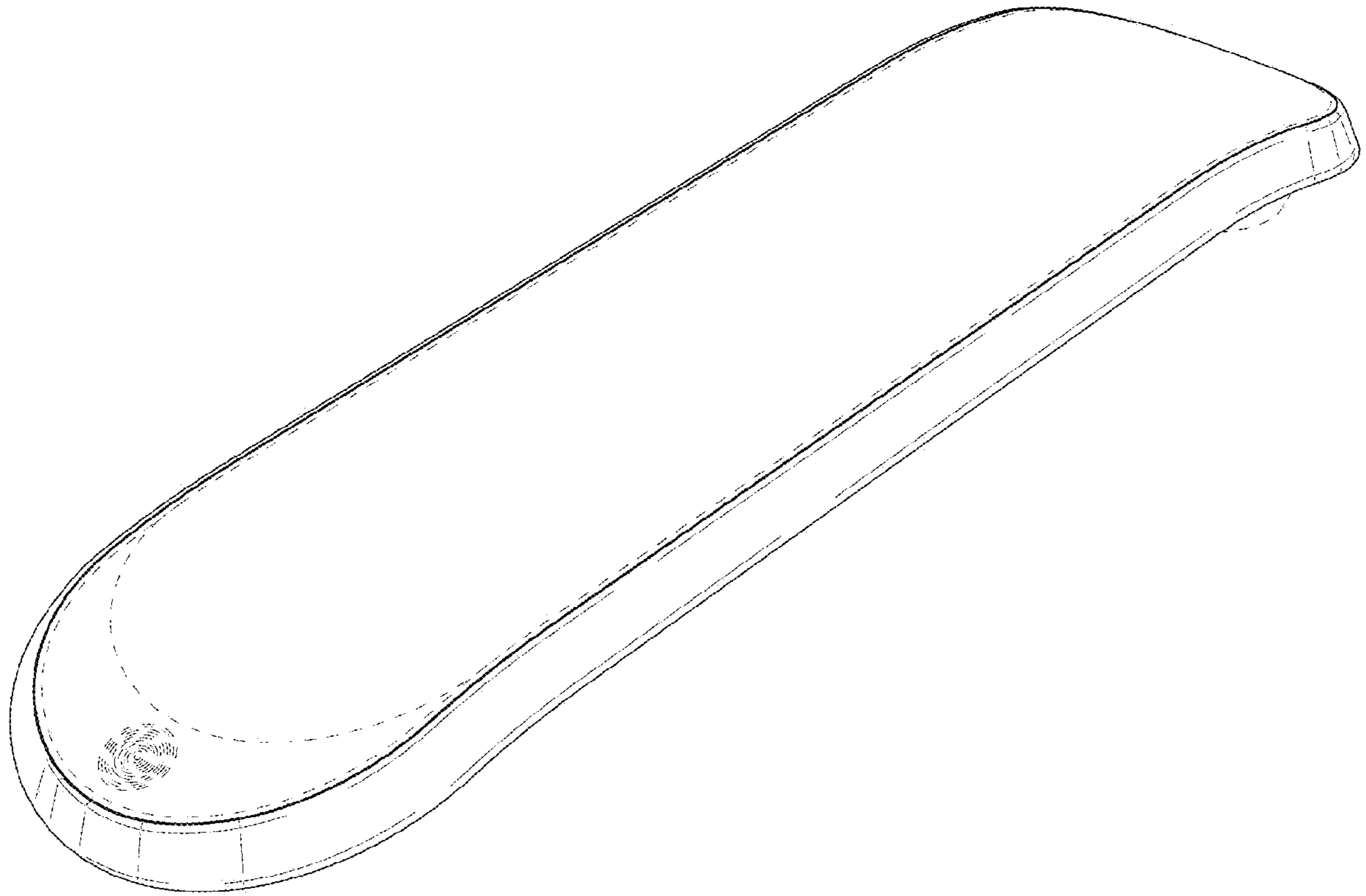


FIG. 8

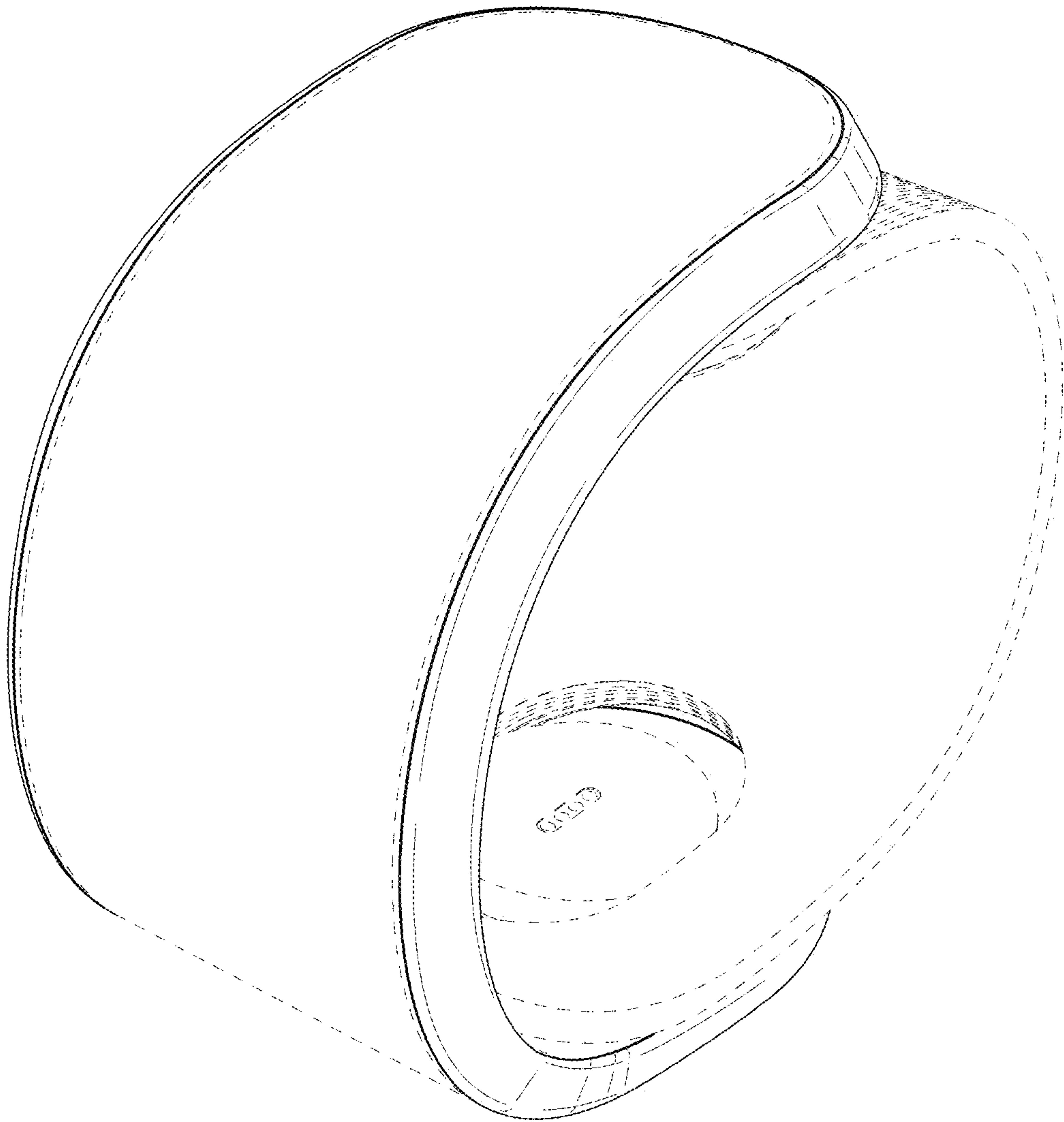


FIG. 9

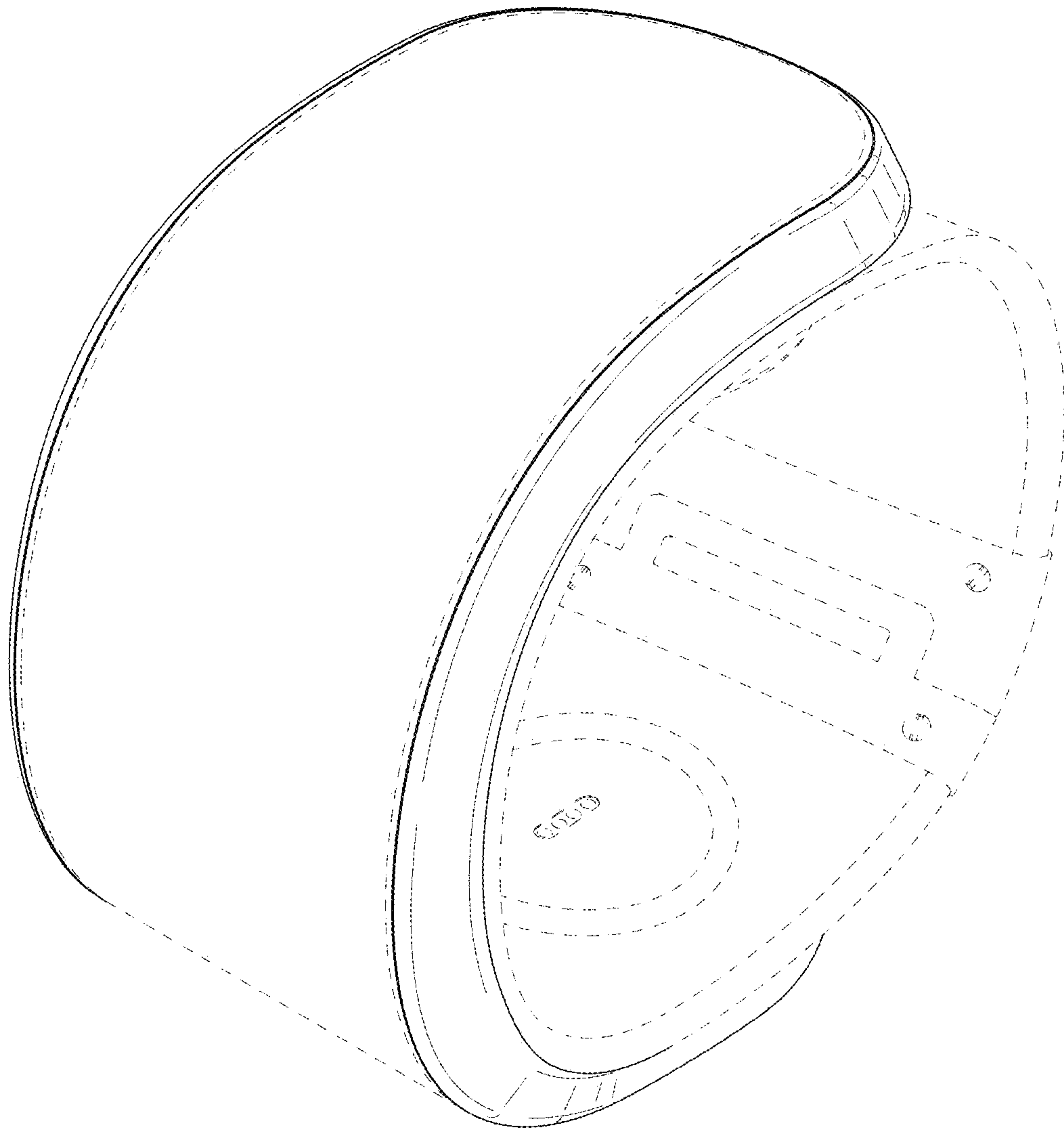


FIG. 10