



US00D970466S

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

(10) **Patent No.: US D970,466 S**
(45) **Date of Patent: ** Nov. 22, 2022**

(54) **WIRELESS HEADBAND**
(71) Applicant: **Shiming Hu**, Pingxiang (CN)
(72) Inventor: **Shiming Hu**, Pingxiang (CN)
(**) Term: **15 Years**
(21) Appl. No.: **29/825,191**
(22) Filed: **Jan. 29, 2022**
(51) **LOC (13) Cl.** **14-01**
(52) **U.S. Cl.**
USPC **D14/192**
(58) **Field of Classification Search**
USPC D14/192, 205; D16/301; 2/171, 181,
2/DIG. 11; D21/483; D28/41;
381/380–381, 376, 388; D24/190
CPC H04R 25/00; H04R 25/02; H04R 1/02;
H04R 1/10; H04R 1/1008; H04R 9/06;
H04R 1/105; H04R 5/033; H04R 5/0335;
A61F 11/14; A61F 13/00; A61F 9/04;
A42B 3/185
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,672,664 A * 3/1954 Sudziarski B22C 7/04
164/207
D192,070 S * 1/1962 Wall D29/112
D235,788 S * 7/1975 Eberhardt D21/683
4,394,782 A * 7/1983 Wasson A42C 5/02
2/182.1
4,462,116 A * 7/1984 Sanzone A41D 20/00
2/253
D294,833 S * 3/1988 Holden D16/314
4,864,619 A * 9/1989 Spates H04R 1/10
381/384
D310,907 S * 10/1990 Mark D14/192
D315,812 S * 3/1991 Cionni D29/112
5,038,412 A * 8/1991 Cionni A61F 11/06
2/209

D322,616 S * 12/1991 Wiedner D16/314
5,088,549 A * 2/1992 Schneider A61F 7/02
165/DIG. 45
D343,282 S * 1/1994 Irish D2/894
5,395,400 A * 3/1995 Stafford A42B 1/008
2/209
5,438,698 A * 8/1995 Burton H04R 1/1033
455/344
D384,790 S * 10/1997 Juergens D2/866
5,881,390 A * 3/1999 Young A42B 1/245
2/209.13
5,946,734 A * 9/1999 Vogan A42B 3/121
2/200.1
D446,609 S * 8/2001 Hill A61F 11/06
D29/112

(Continued)

FOREIGN PATENT DOCUMENTS

EM 008468870-0001 * 3/2021
GB 6145649 * 6/2021

Primary Examiner — Paula Allen Greene

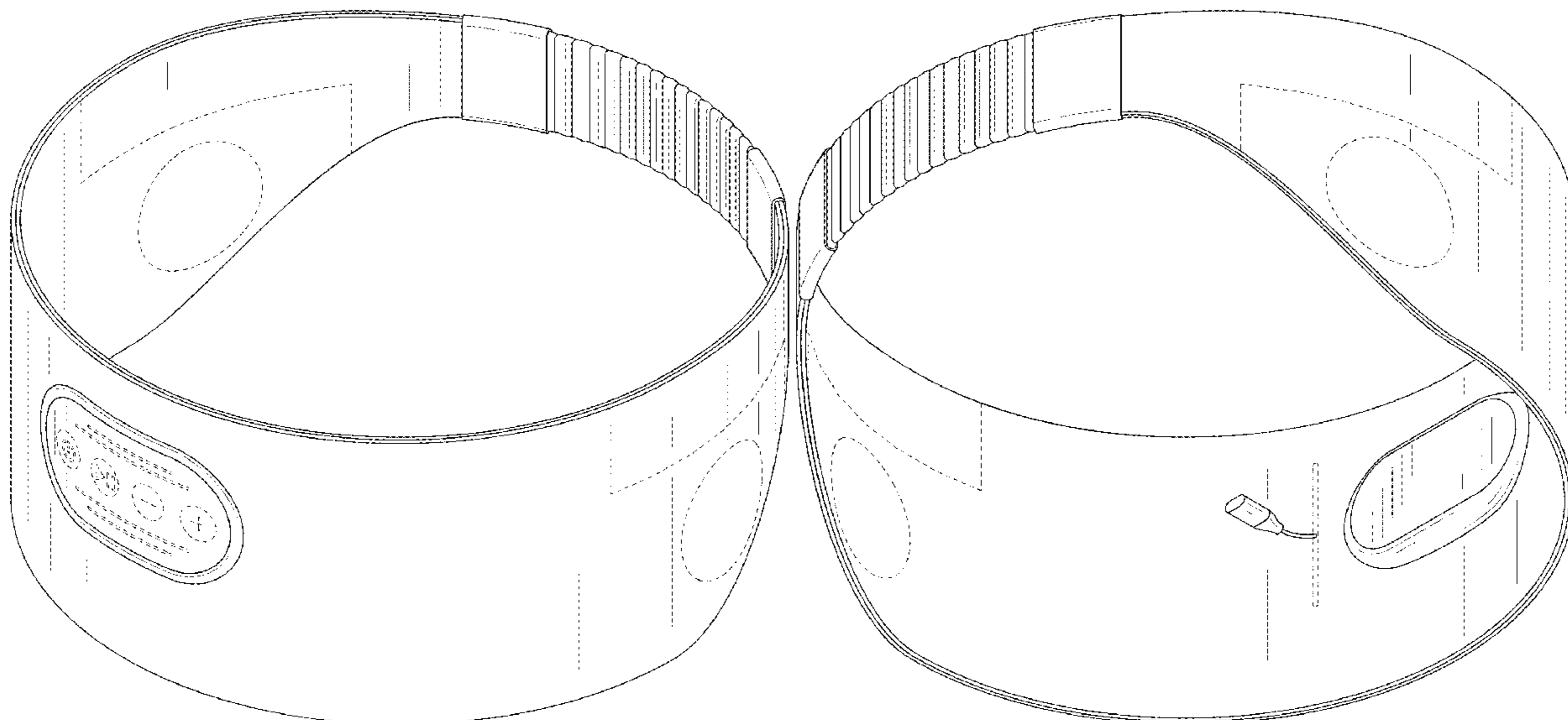
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a perspective view of a wireless headband showing my new design;
FIG. 2 is another perspective view thereof;
FIG. 3 is a front elevational view thereof;
FIG. 4 is a rear elevational view thereof;
FIG. 5 is a left side elevational view thereof;
FIG. 6 is a right side elevational view thereof;
FIG. 7 is a top plan view thereof; and,
FIG. 8 is a bottom plan view thereof.
The broken lines in the drawings depict portions of the wireless headband that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

6,438,761 B1 * 8/2002 McGarrity A42B 3/00
2/410
D547,500 S * 7/2007 Karrman A61F 11/14
D29/112
D592,236 S * 5/2009 McGrath A61F 9/04
D16/301
8,111,859 B2 2/2012 Phillips
D668,703 S * 10/2012 Gordon D16/301
D669,633 S * 10/2012 Hedgren D2/894
8,605,935 B1 * 12/2013 Huang H04R 1/105
381/381
8,636,066 B2 * 1/2014 Gupta C09K 8/514
166/308.1
D718,369 S * 11/2014 Janavicius D16/312
8,959,668 B1 * 2/2015 Ganes A42B 3/205
2/9
9,168,176 B2 * 10/2015 Peebles A63B 71/10
D837,870 S * 1/2019 Warnock A61F 9/04
D16/312
D861,060 S * 9/2019 Zheng A61F 9/04
D16/301
10,426,666 B1 * 10/2019 Seidenfeld A61F 7/02
D867,436 S * 11/2019 Lian D16/301
D867,437 S * 11/2019 Lian D16/301

D870,062 S * 12/2019 Peng D2/866
D887,484 S * 6/2020 Guo A61F 9/04
D16/301
D906,405 S * 12/2020 Seidenfeld D16/301
D907,688 S * 1/2021 Du D16/301
D907,849 S * 1/2021 Welch D28/41
D913,984 S * 3/2021 Li D14/192
D918,991 S * 5/2021 Du D16/301
D932,459 S * 10/2021 Liu D14/205
D938,381 S * 12/2021 Li D16/301
D946,549 S * 3/2022 Wang D14/205
D952,595 S * 5/2022 Lan D14/192
D954,133 S * 6/2022 Chen D16/301
D959,403 S * 8/2022 Li D14/205
D959,404 S * 8/2022 Li D14/205
2006/0278252 A1 * 12/2006 Miller A45D 8/34
132/274
2012/0272484 A1 * 11/2012 Willborn A61F 9/029
24/3.12
2012/0324638 A1 * 12/2012 Tobia A61F 9/025
351/83
2017/0238078 A1 * 8/2017 Kimble H04B 1/3888
381/74
2018/0055691 A1 * 3/2018 Renaud A61F 7/02
2019/0037314 A1 * 1/2019 Hanson H04R 5/033
2019/0132663 A1 * 5/2019 Lu H04R 1/1008

* cited by examiner

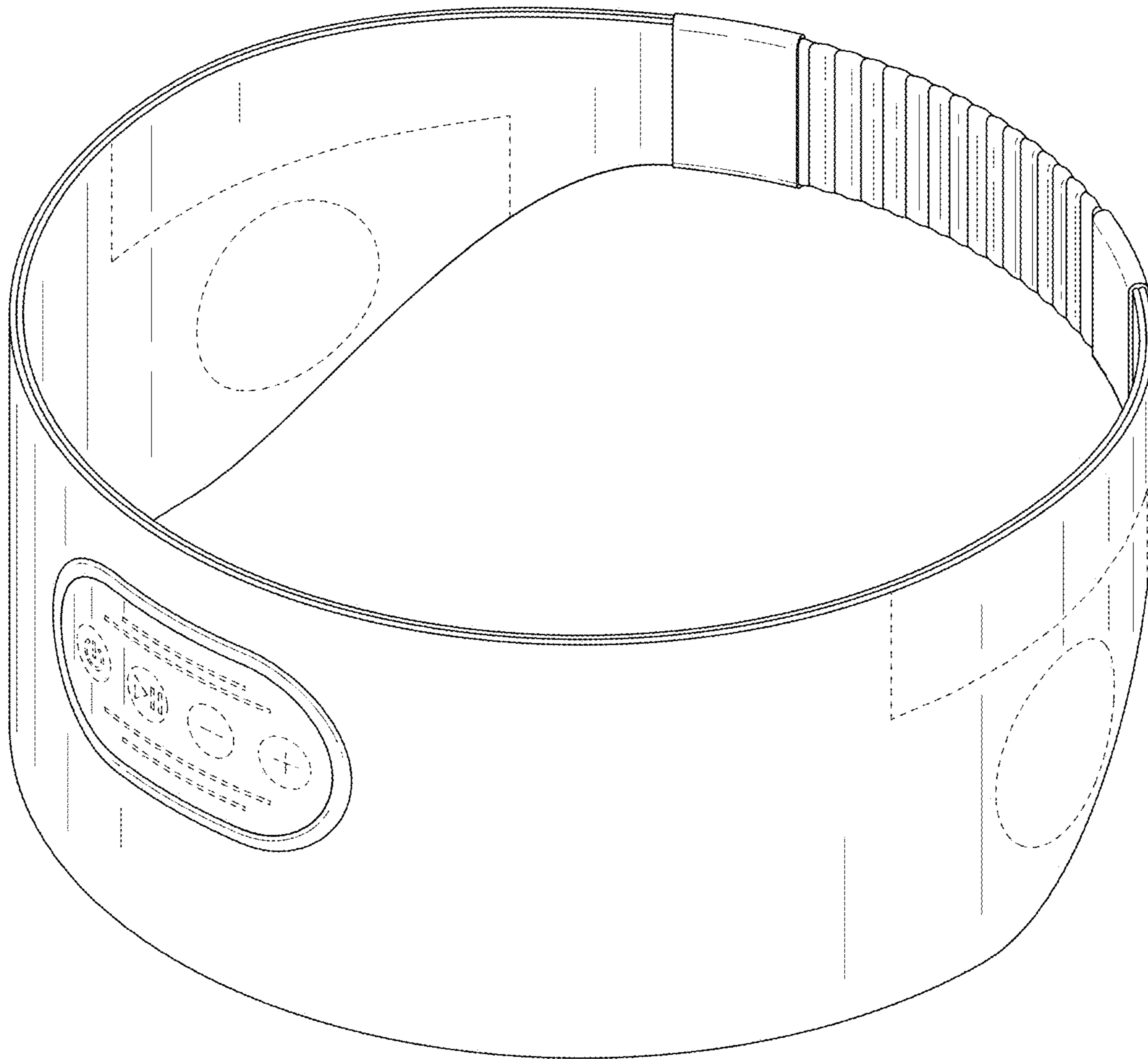


FIG. 1

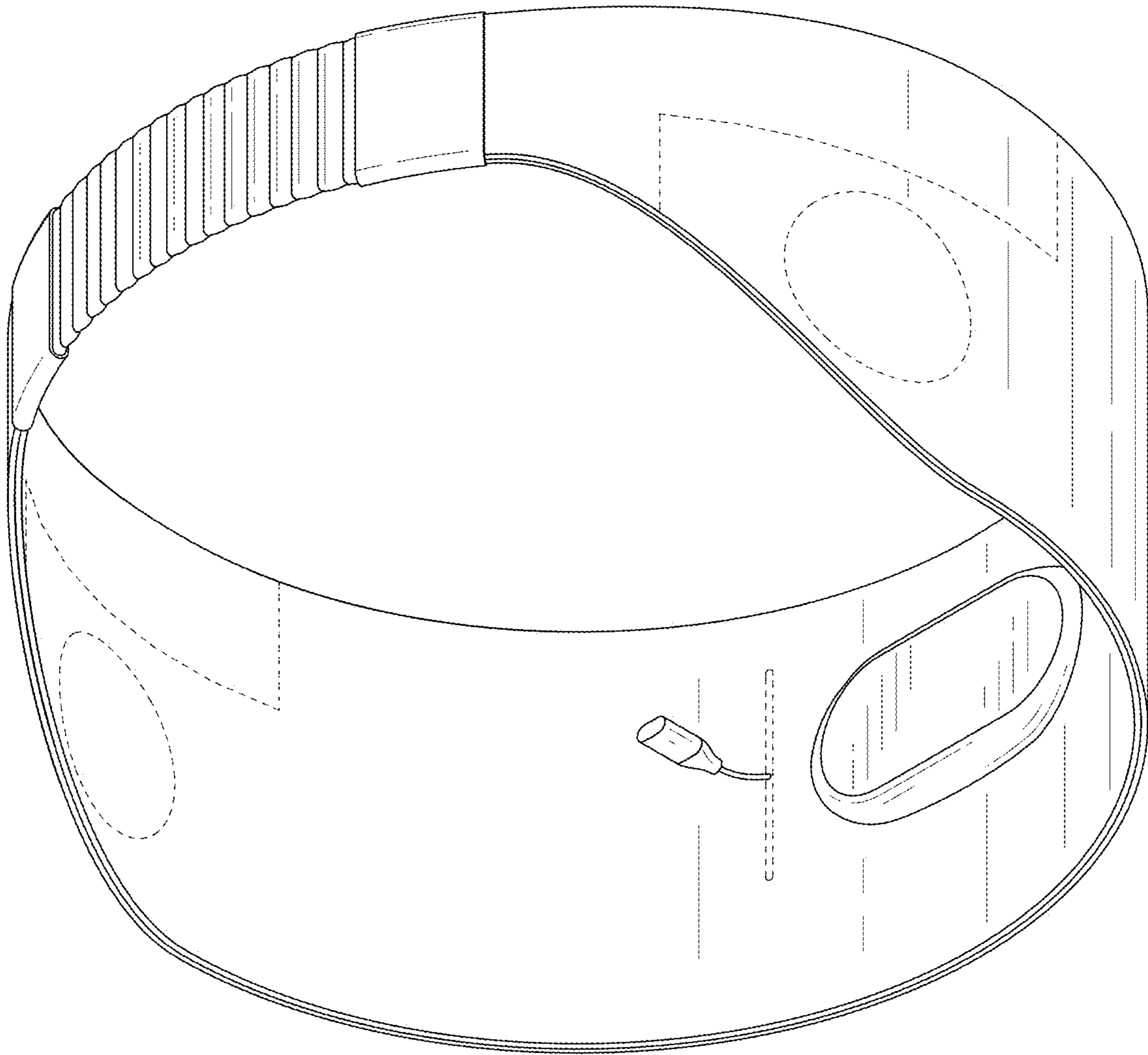


FIG. 2

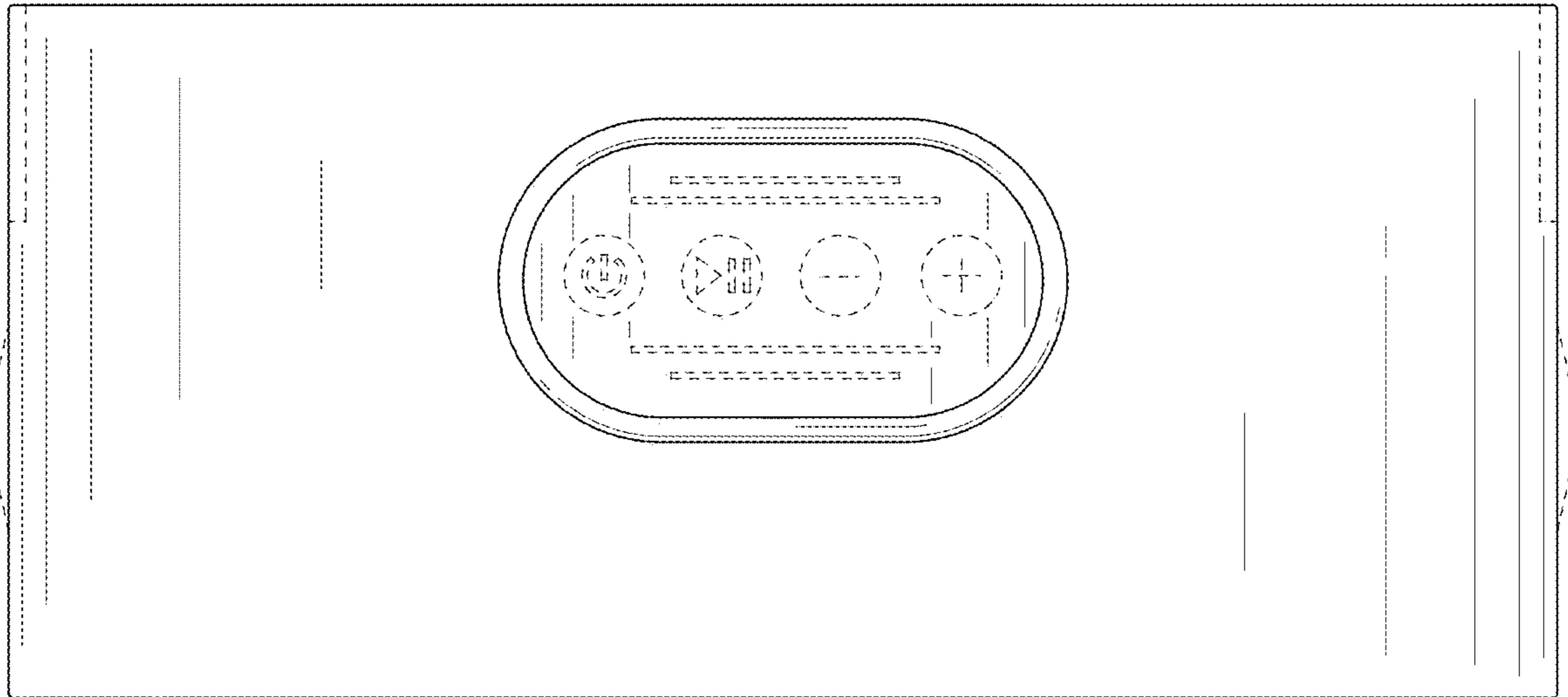


FIG. 3

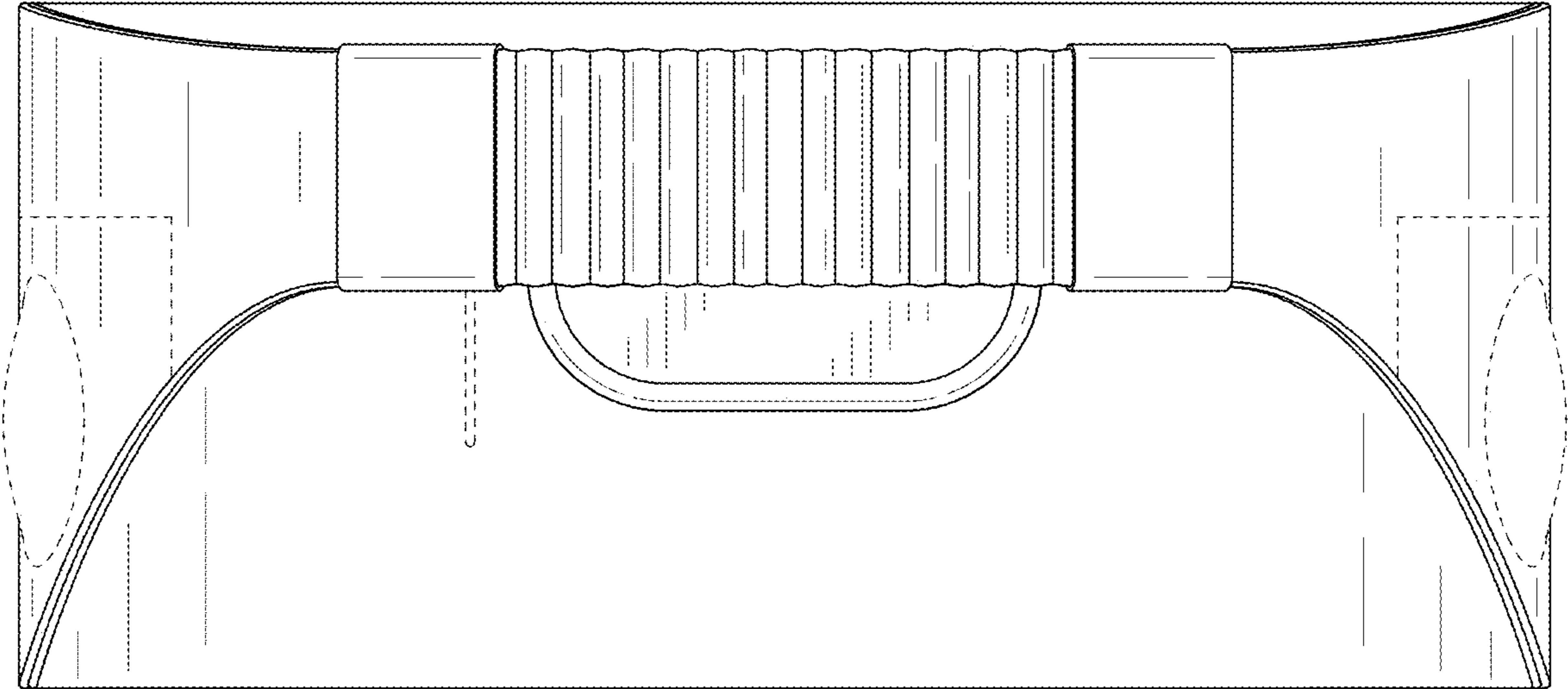


FIG. 4

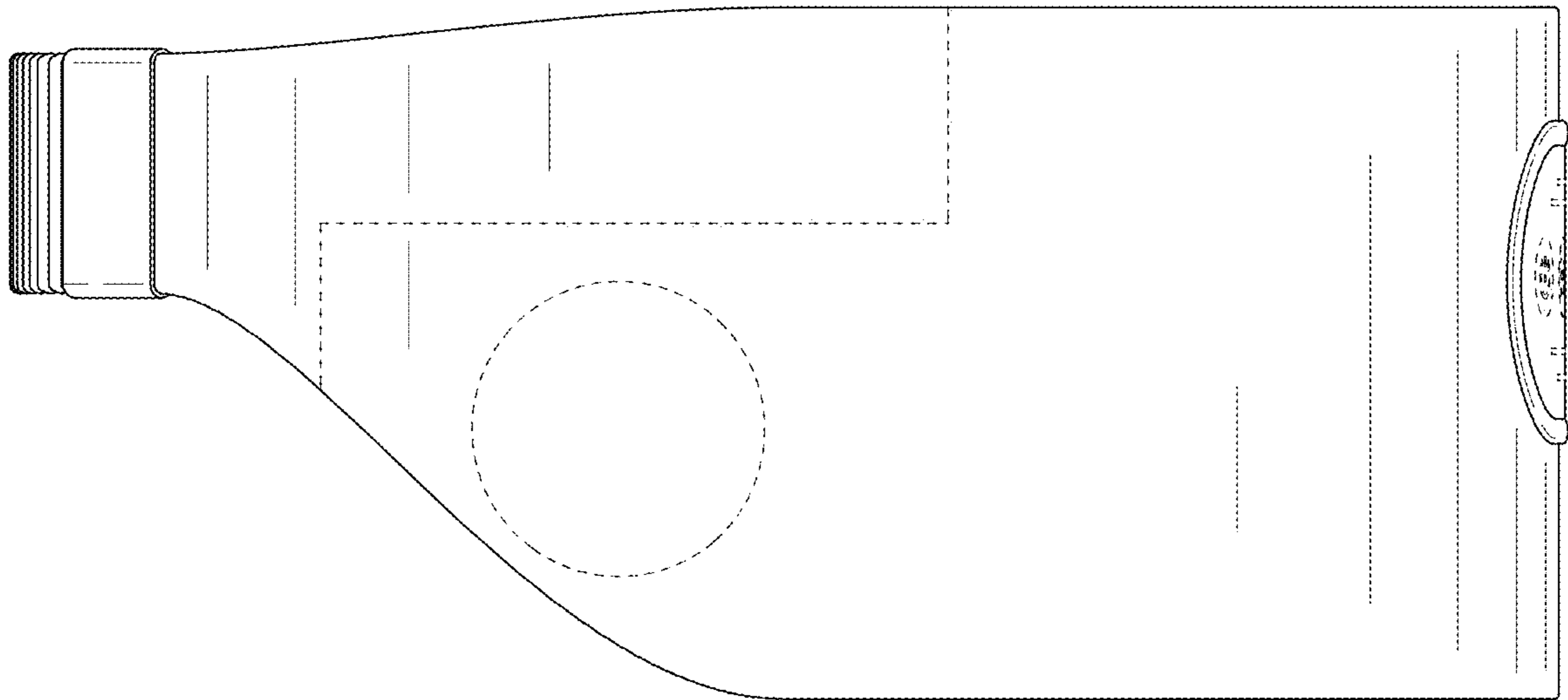


FIG. 5

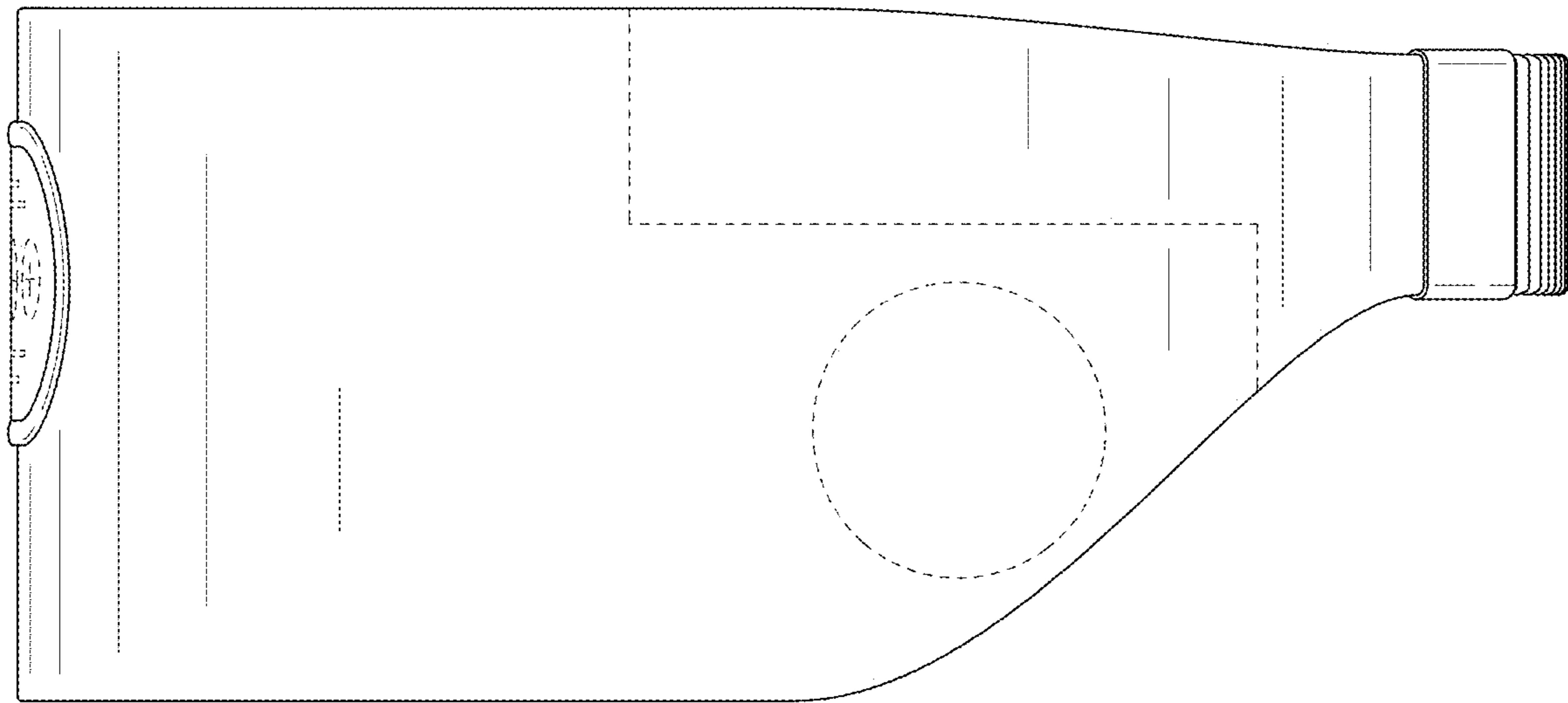


FIG. 6

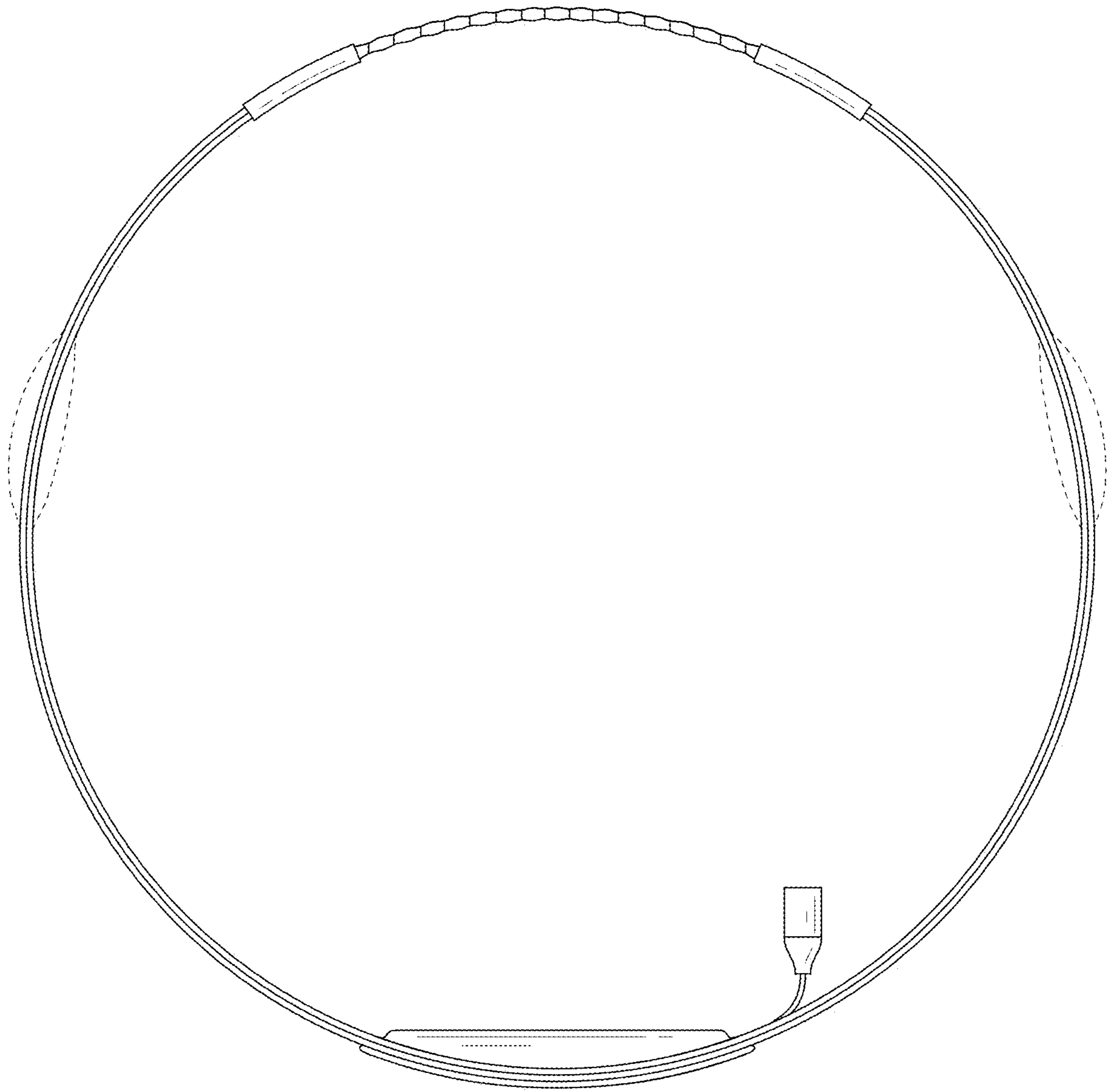


FIG. 7

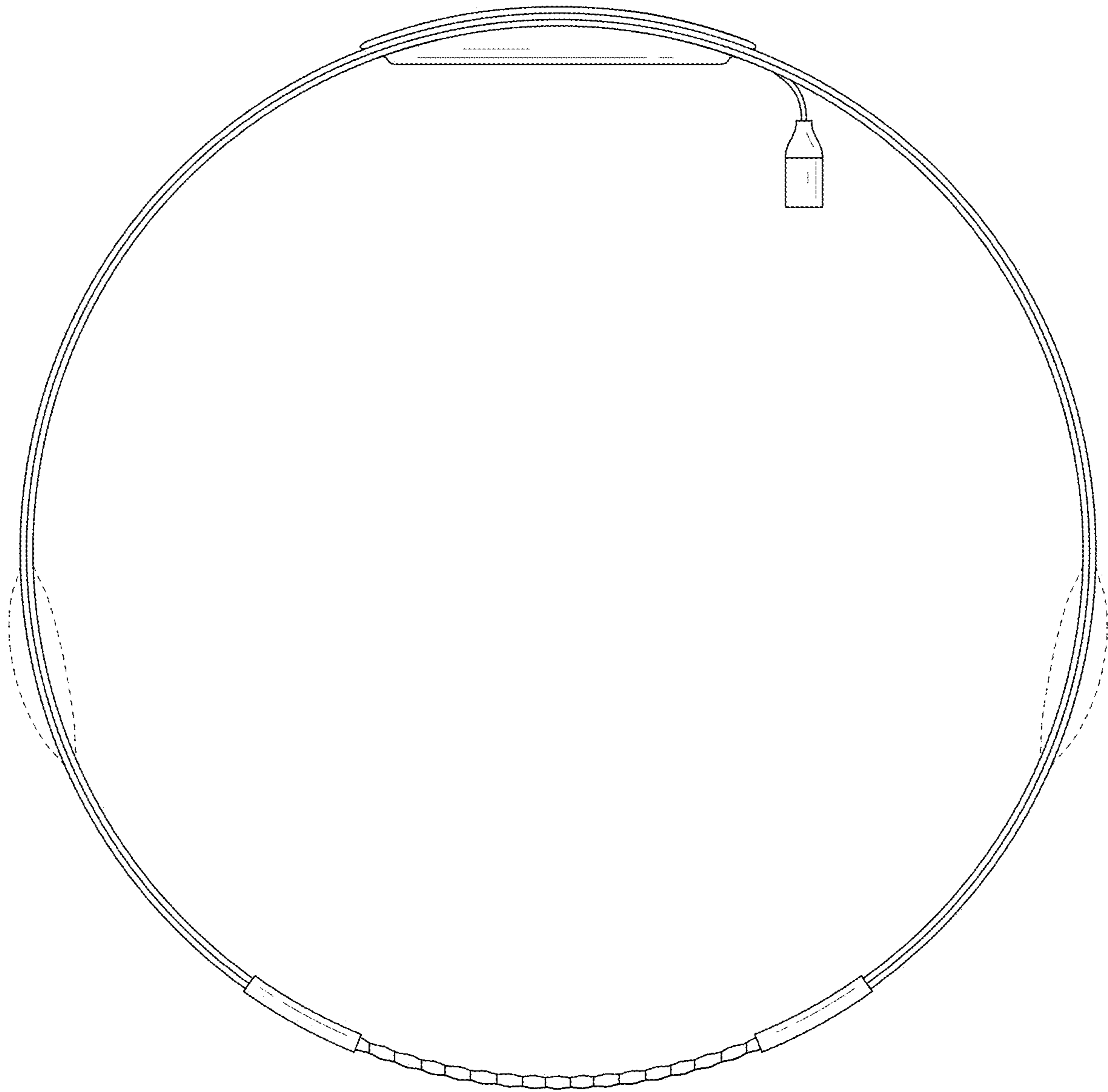


FIG. 8