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(12) **United States Design Patent** (10) **Patent No.:** **US D934,430 S**
Jariwala et al. (45) **Date of Patent:** **** Oct. 26, 2021**

(54) **WEARABLE BIOSENSING DEVICE**

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

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(52) **U.S. Cl.**
USPC **D24/186**

(58) **Field of Classification Search**
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D10/75, 70, 98, 30-32; D14/341, 344
CPC A61B 5/0402; A61B 5/0404; A61B 5/021;
A61B 5/024; A61B 2560/0205; A61B
2560/0462; A61B 5/6803; A61B 5/681;
A61B 5/6824; A61B 5/6825; A61B
5/02405; A61B 5/02438
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,305,401 A	12/1981	Reissmueller et al.
D342,571 S	12/1993	Givens, Sr.
D402,762 S	12/1998	Szpur
D567,950 S	4/2008	Savage, Jr.
D605,305 S	12/2009	Carter
D645,360 S	9/2011	Kiser et al.
D670,583 S	11/2012	Shaanan
D674,488 S	1/2013	McKay et al.

D716,457 S	10/2014	Brefka et al.
D733,131 S	6/2015	Kim et al.
D736,935 S	8/2015	Just et al.
D737,157 S	8/2015	Akana et al.
D739,942 S *	9/2015	Pernu D24/167
D739,943 S *	9/2015	Pernu D24/167
D746,477 S	12/2015	Cha et al.
D752,580 S	3/2016	Choi et al.
D754,550 S	4/2016	Izuka
D760,395 S *	6/2016	Barbaric D24/186
D761,675 S	7/2016	Thaveeprungsriporn et al.
D768,623 S *	10/2016	Zou D24/167
D787,960 S	5/2017	Park et al.
D793,875 S *	8/2017	Mistry D10/32

(Continued)

OTHER PUBLICATIONS

Non-Final Office Action dated Jan. 25, 2018 for U.S. Appl. No. 29/565,749, 11 pages.

(Continued)

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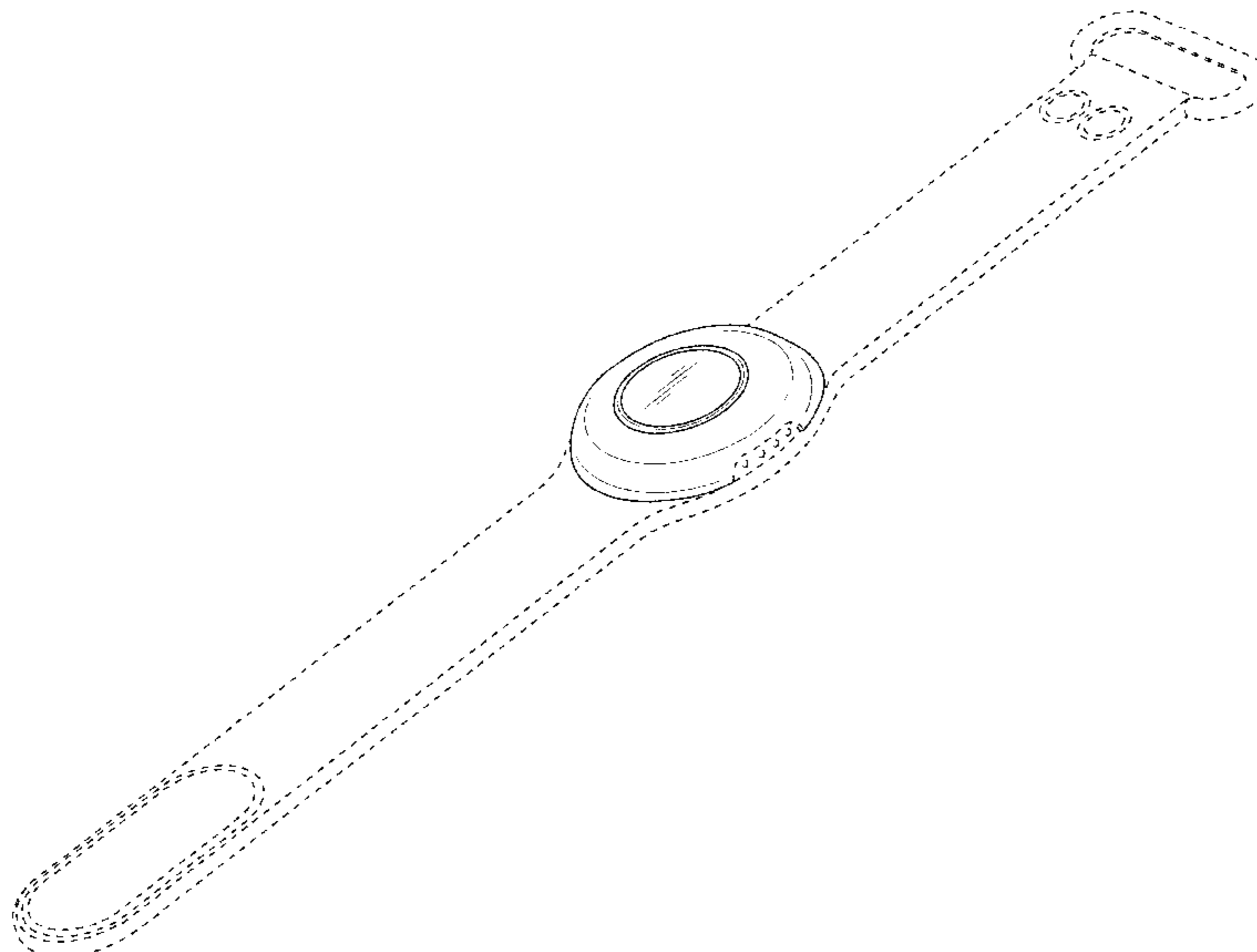
(57) **CLAIM**

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

DESCRIPTION

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

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D795,719 S * 8/2017 Lean D10/70
D809,938 S 2/2018 Hou et al.
D825,549 S * 8/2018 Lebovitz D14/253
D828,351 S * 9/2018 Xie D14/344
D865,760 S * 11/2019 Beristain D24/186
D867,599 S * 11/2019 Barbaric D24/186
D874,298 S * 2/2020 Xie D10/32
D904,920 S * 12/2020 Harms D24/167
D909,225 S * 2/2021 Riot D24/186
2010/0036270 A1 1/2010 Chen
2014/0135612 A1 5/2014 Yuen et al.
2019/0110744 A1* 4/2019 Zhu A61B 5/681
2021/0050087 A1* 2/2021 Hirobe A61B 5/681
2021/0077011 A1* 3/2021 Maclaren A61B 5/681

OTHER PUBLICATIONS

Non-Final Office Action dated Sep. 10, 2018 for U.S. Appl. No. 29/565,749, 7 pages.

* cited by examiner

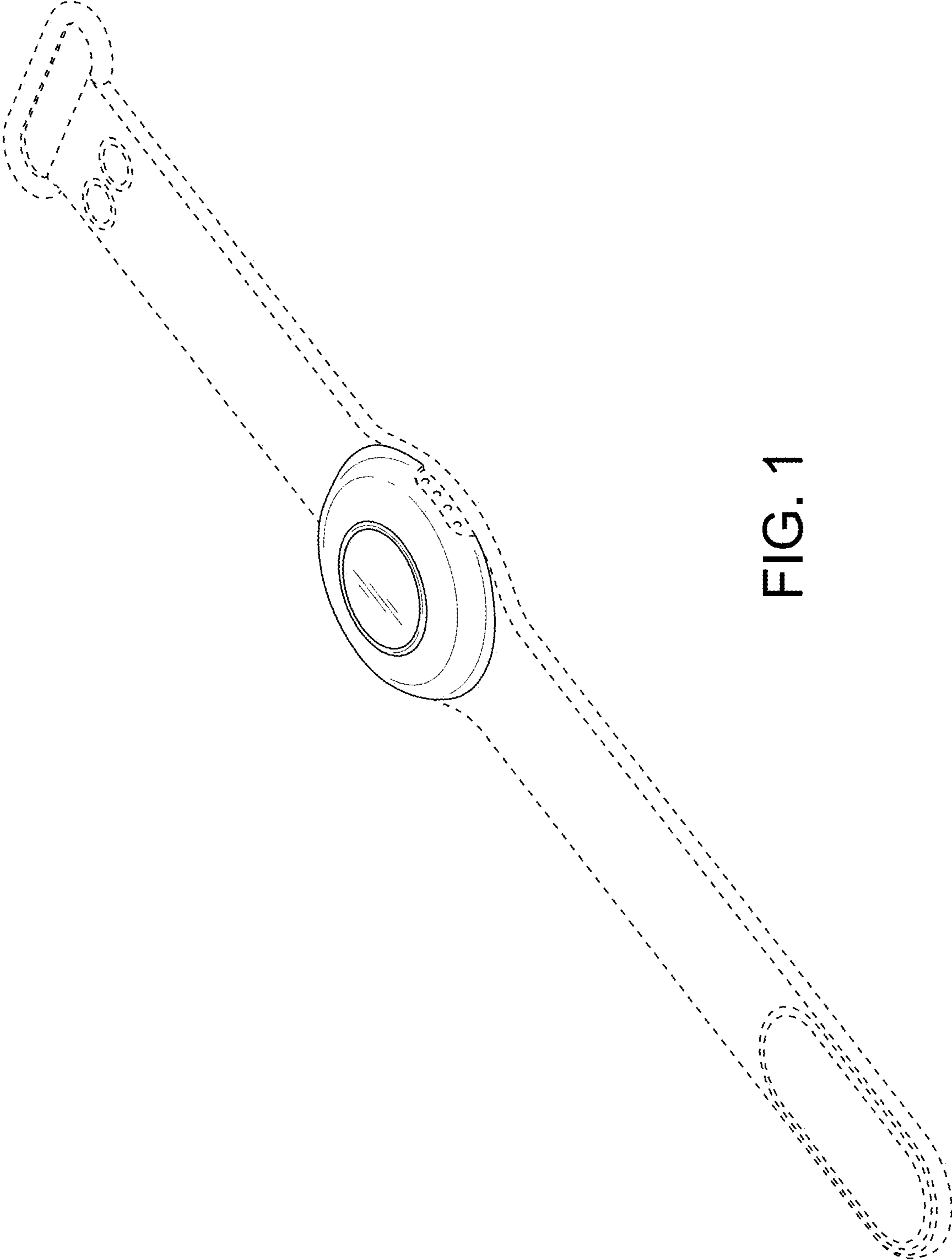


FIG. 1

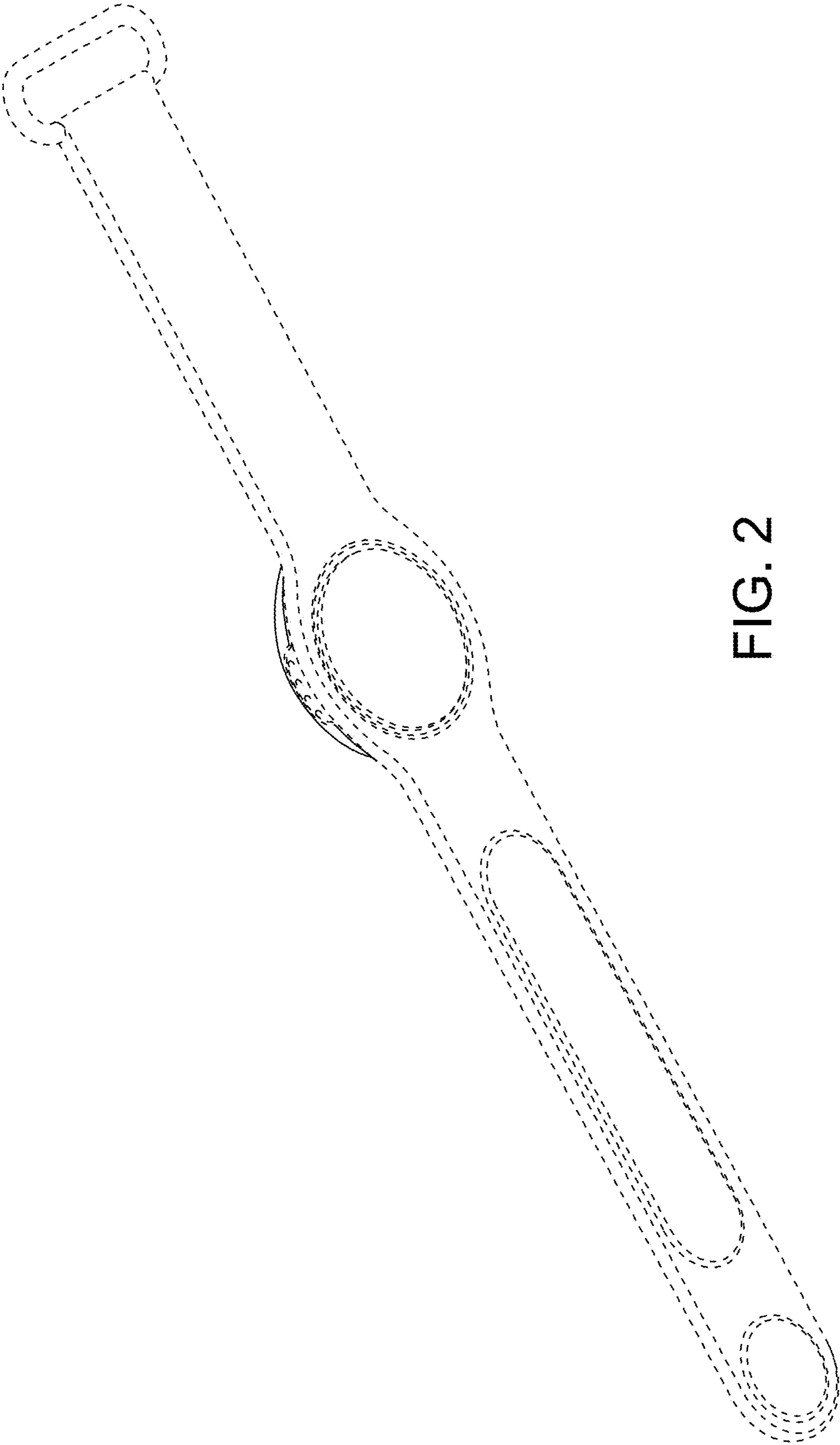


FIG. 2

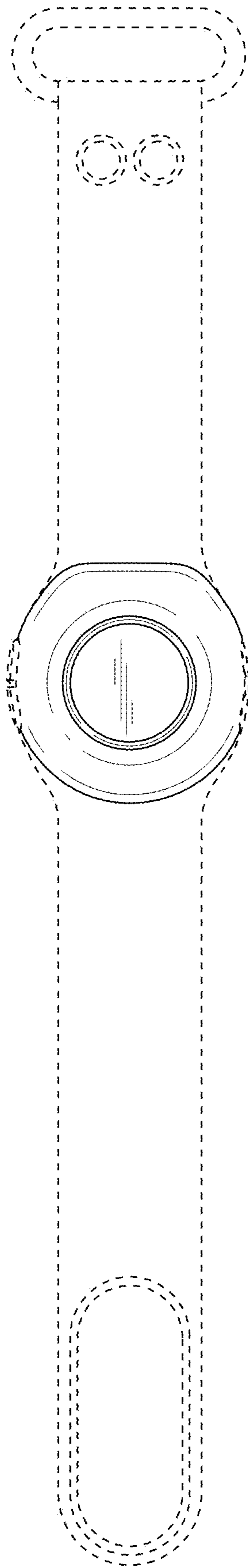


FIG. 3

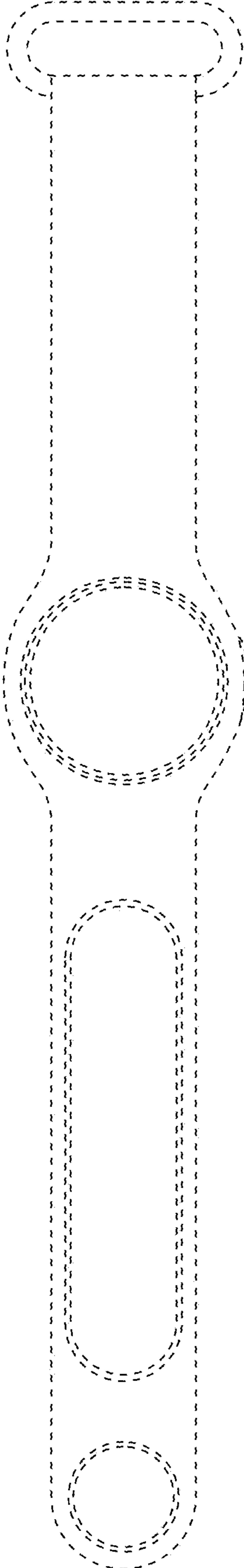


FIG. 4



FIG. 5



FIG. 6

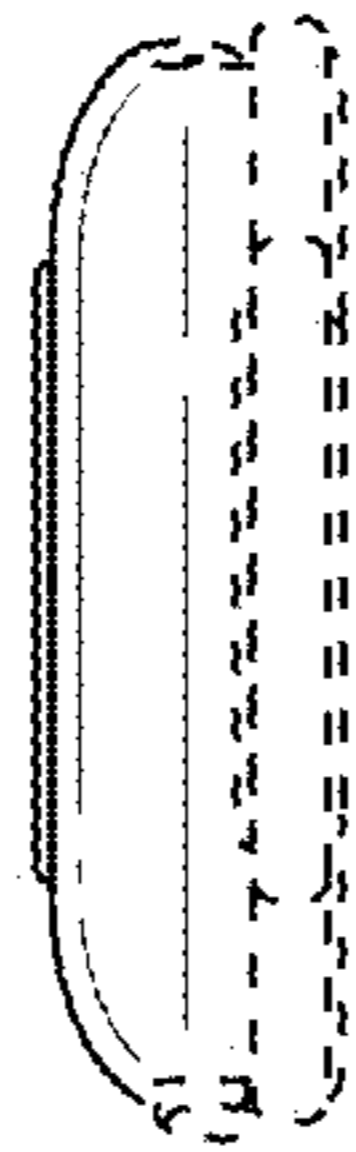


FIG. 7

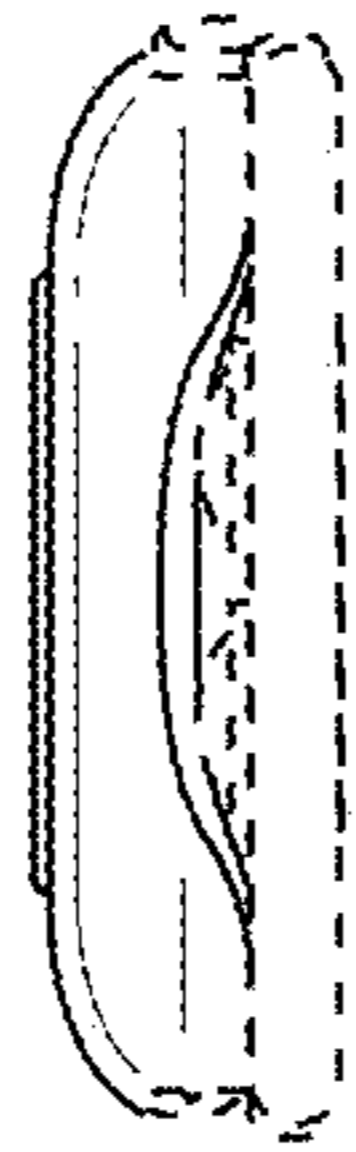


FIG. 8