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Zhang

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(54) CORDLESS HEATING PAD

(71) Applicant: Yongrui Zhang, Pubei (CN)
(72) Inventor: Yongrui Zhang, Pubei (CN)
(**) Term: 15 Years

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D13/118–119; D14/432–434, 341
CPC A61F 2007/0036; A61F 2007/0086; A61F
2007/0088; A61F 2007/0089; A61F
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H05B 2203/003–006; H05B 2203/014
See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS
4,552,135 A * 11/1985 Racz A61F 5/028
128/DIG. 20
D492,787 S * 7/2004 Weaver, II D24/190
D651,717 S * 1/2012 Govreen-Segal D24/190
D706,429 S * 6/2014 Julian D24/190
D708,345 S * 7/2014 Brady D24/200
D834,719 S * 11/2018 Theriot D24/200
10,500,087 B2 * 12/2019 Thomas H01L 23/3675
(Continued)

FOREIGN PATENT DOCUMENTS

CN 301927017 * 5/2012
CN 302135959 * 10/2012
(Continued)

OTHER PUBLICATIONS

Funlover, Funlover Heating Pad for Period Cramps, Published on:
Feb. 23, 2023, Amazon.com, Retrieved from Internet: <https://www.amazon.com/Funlover-Portable-Eligible-Menstrual-Vibration/dp/B0BWNCY22G?th=1> (Year: 2023).*
(Continued)

Primary Examiner — John R Yeh
Assistant Examiner — Edward P Jones
(74) Attorney, Agent, or Firm — Jose Cherson Weissbrot

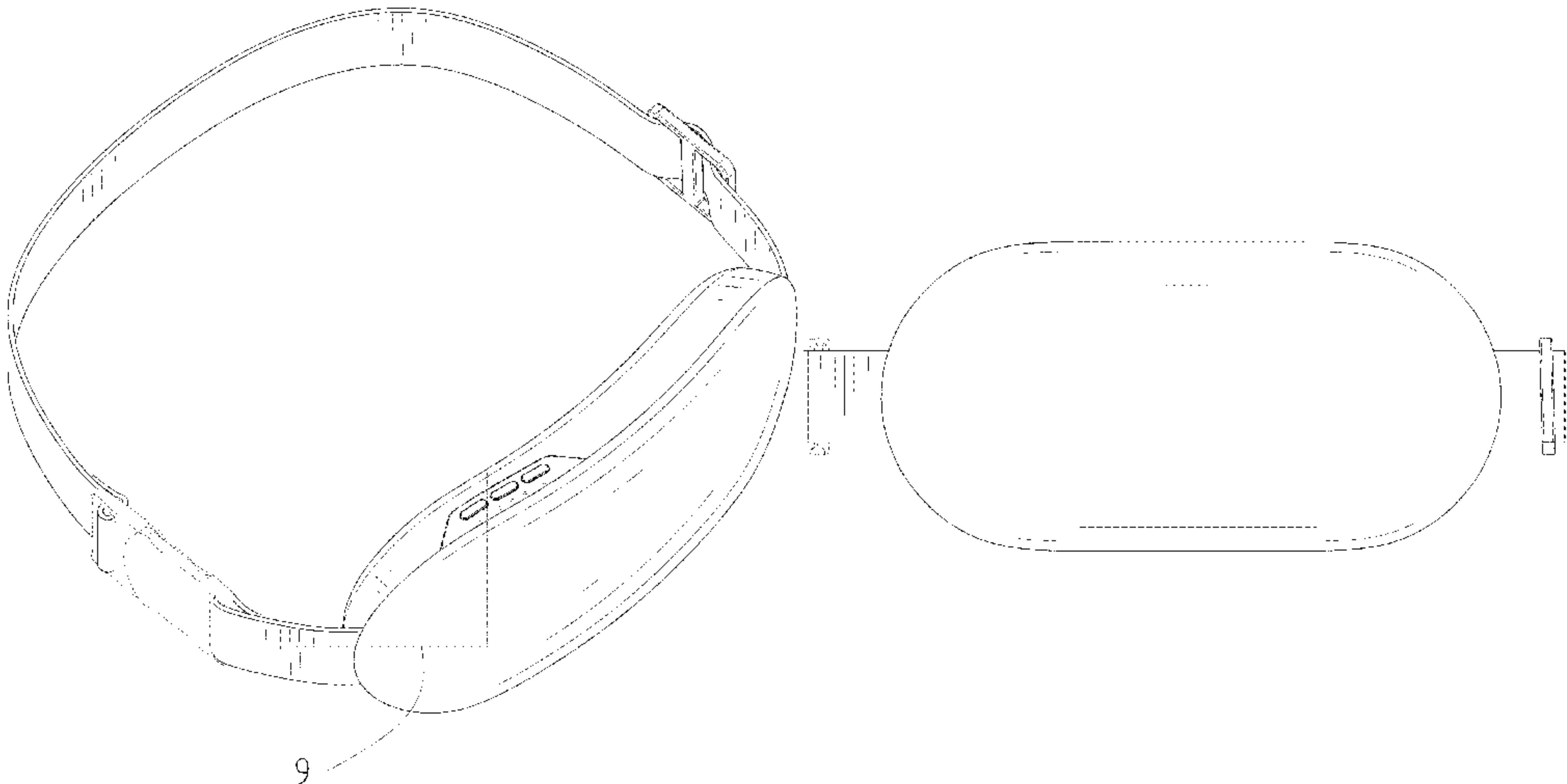
(57) CLAIM

The ornamental design for a cordless heating pad, as shown and described.

DESCRIPTION

FIG. 1 is a first perspective view of a cordless heating pad showing my new design;
FIG. 2 is a second perspective view thereof;
FIG. 3 is a front view thereof;
FIG. 4 is a back view thereof
FIG. 5 is a left side view thereof;
FIG. 6 is a right side view thereof;
FIG. 7 is a top view thereof;
FIG. 8 is a bottom view thereof; and,
FIG. 9 is an enlarged view of the selected portion 9 in FIG. 1.
The short-dash long-dash lines shown in FIGS. 1 and 9 depict boundaries of the enlarged view indicators and form no part of the claimed design.

1 Claim, 9 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D893,174	S	*	8/2020	Wang	.....	D3/226
D949,422	S	*	4/2022	Wang	.....	D24/215
D981,575	S	*	3/2023	Yan	.....	D24/200
D983,984	S	*	4/2023	Sun	.....	D24/206
D989,332	S	*	6/2023	Ding	.....	D24/206
D991,471	S	*	7/2023	Ding	.....	D24/206
D992,136	S	*	7/2023	Zheng	.....	D24/215
D1,001,302	S	*	10/2023	Lin	.....	D24/215
D1,008,868	S	*	12/2023	Yang	.....	D11/201
2020/0375791	A1	*	12/2020	Plazarte	.....	A61F 7/02

FOREIGN PATENT DOCUMENTS

CN	308137790	*	7/2023
GB	6270280	*	3/2023
GB	6302521	*	8/2023
GB	6315152	*	10/2023
GB	6335973	*	1/2024
KR	301101283.0000	*	3/2021

OTHER PUBLICATIONS

Slimpal, Slimpal Period Heating Pad for Cramps, Published on: Dec. 15, 2022, Amazon.com, Retrieved from Internet: <https://www.amazon.com/Slimpal-Portable-Menstrual-Electric-Rechargeable/dp/B0BQ6ZF5C3?th=1> (Year: 2022).*

Simpal, Slimpal Period Heating Pad for Cramps, Downloaded on: Jan. 26, 2024, health-vast.com, Retrieved from Internet: <https://www.health-vast.com/products/slimpal-period-heating-pad-for-cramps-portable-heat-pad-for-menstrual-cramp-relief-electric-wearable-rechargeable-cordless-heating-belt-3-timer-auto-off-setting-gifts-for-women-girlaqua?variant=44534803726559> (Year: 2024).*

Hello Aegis, Portable Heating Pad for Cramps, Published on: Dec. 8, 2022, Amazon.com, Retrieved from Internet: <https://www.amazon.com/Portable-Menstrual-Massager-Cordless-Menstruation/dp/B0BR76TLX5> (Year: 2022).*

Jingleglows, Say goodbye to period pains with our revolutionary Abdominal Massage Belt!, Published on: Nov. 24, 2023, YouTube.com (shorts), Retrieved from Internet: https://www.youtube.com/shorts/f_4LaDIni-E (Year: 2023).*

Ria Rajendran, No More Period Pain & Discomfort | Evereve Menstrual Heating Belt | Ria Rajendran, Published on: Sep. 16, 2023, YouTube.com, Retrieved from Internet: <https://www.youtube.com/watch?app=desktop&v=L7B6BKTEzzM> (Year: 2023).*

Yeamon, Electric Heating Pad, Published on: Aug. 16, 2022, Amazon.com, Retrieved from Internet: <https://www.amazon.com/Electric-Heating-Upgraded-Portable-Cordless/dp/B0B96Q2TJT?th=1> (Year: 2022).*

Yeamon, Portable Cordless Heating Pad for Cramps, Published on: Jul. 28, 2020, Amazon.com, Retrieved from Internet: <https://www.amazon.com/Menstrual-Heating-Electric-Vibration-Massage/dp/B08DQXB4H5> (Year: 2020).*

* cited by examiner

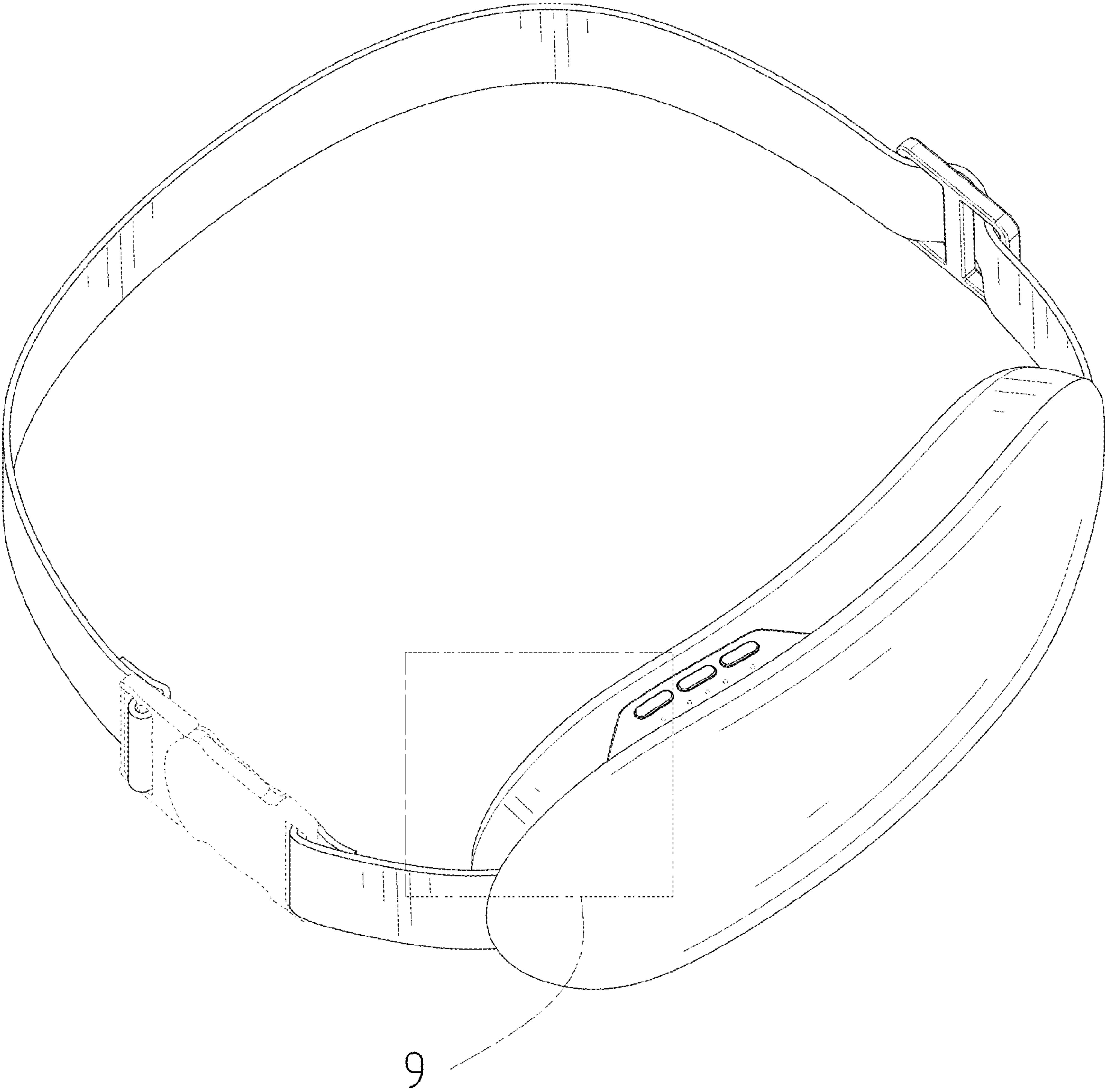


FIG. 1

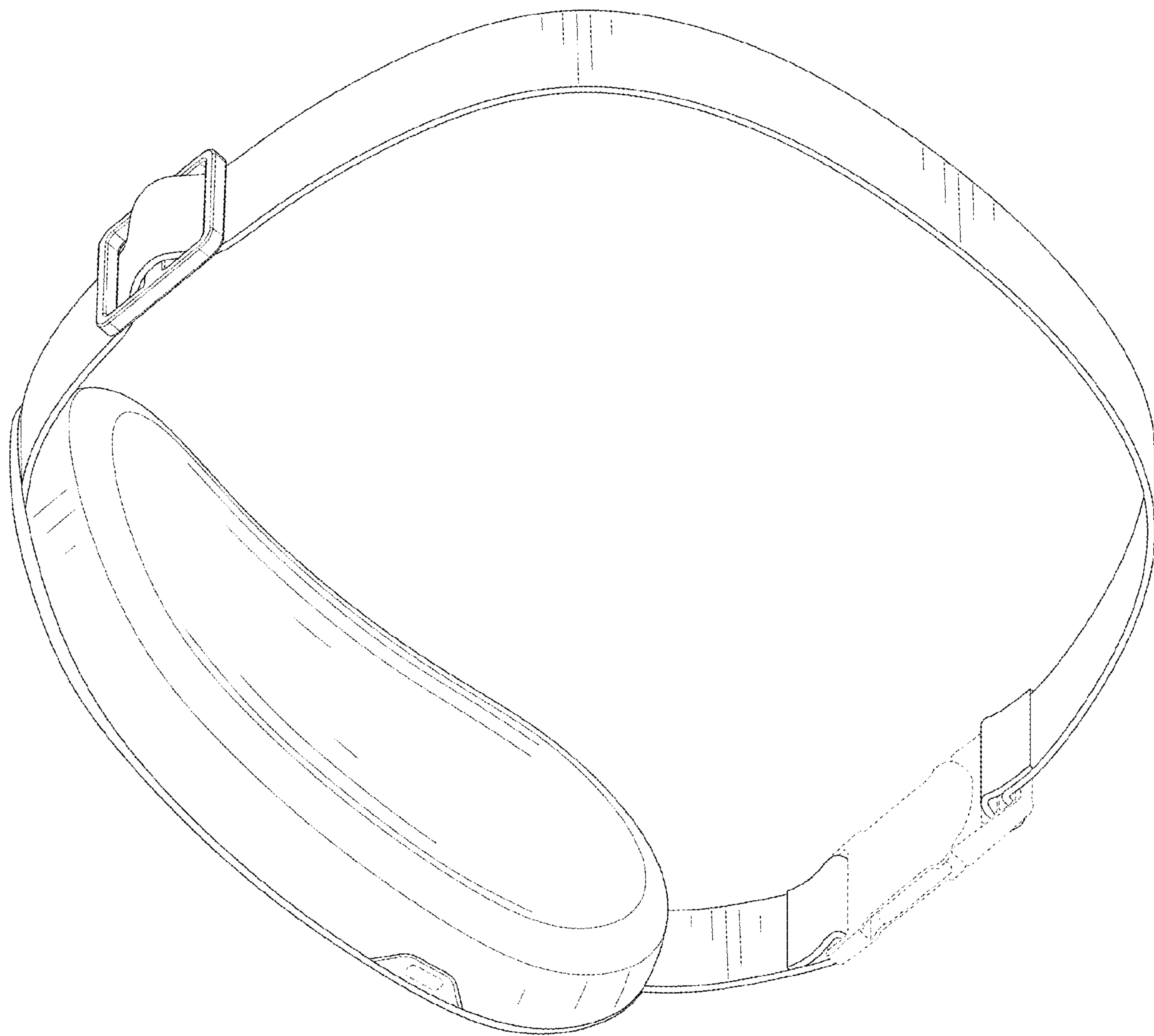


FIG. 2

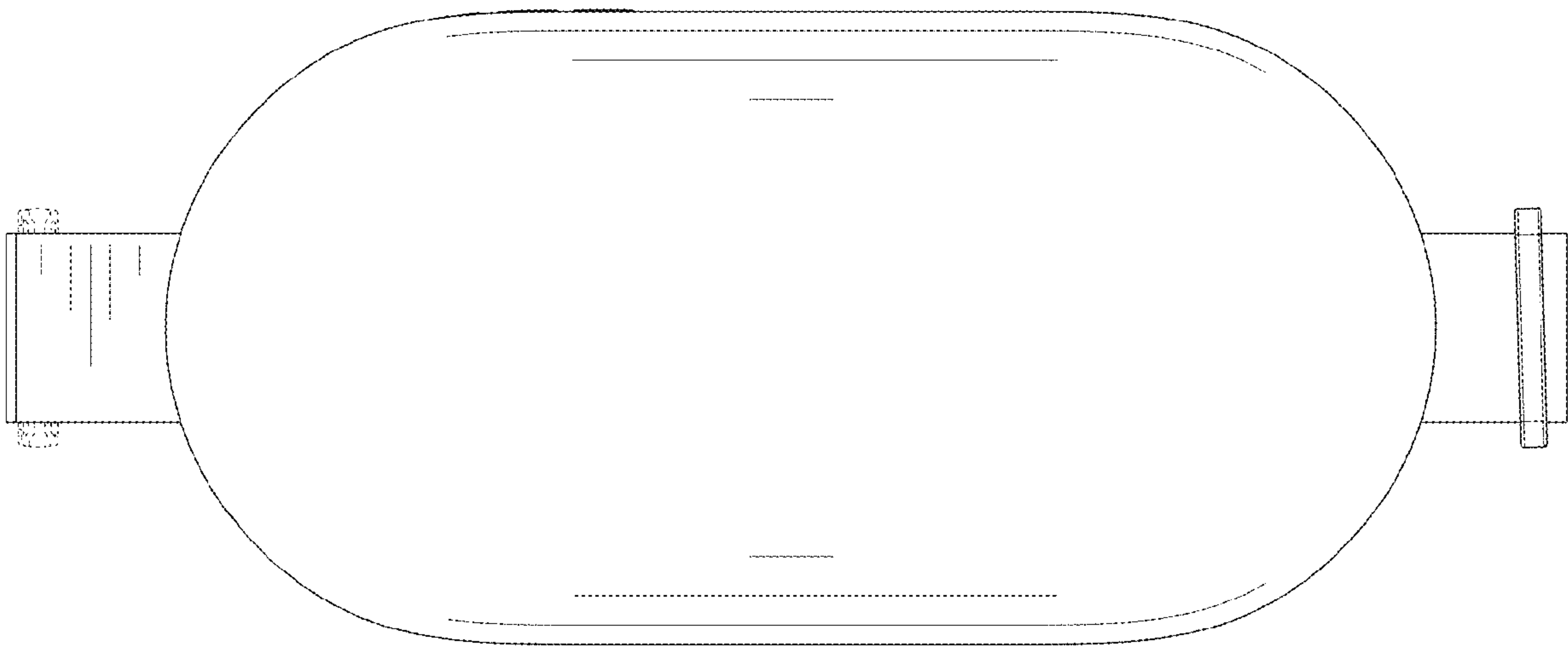


FIG. 3

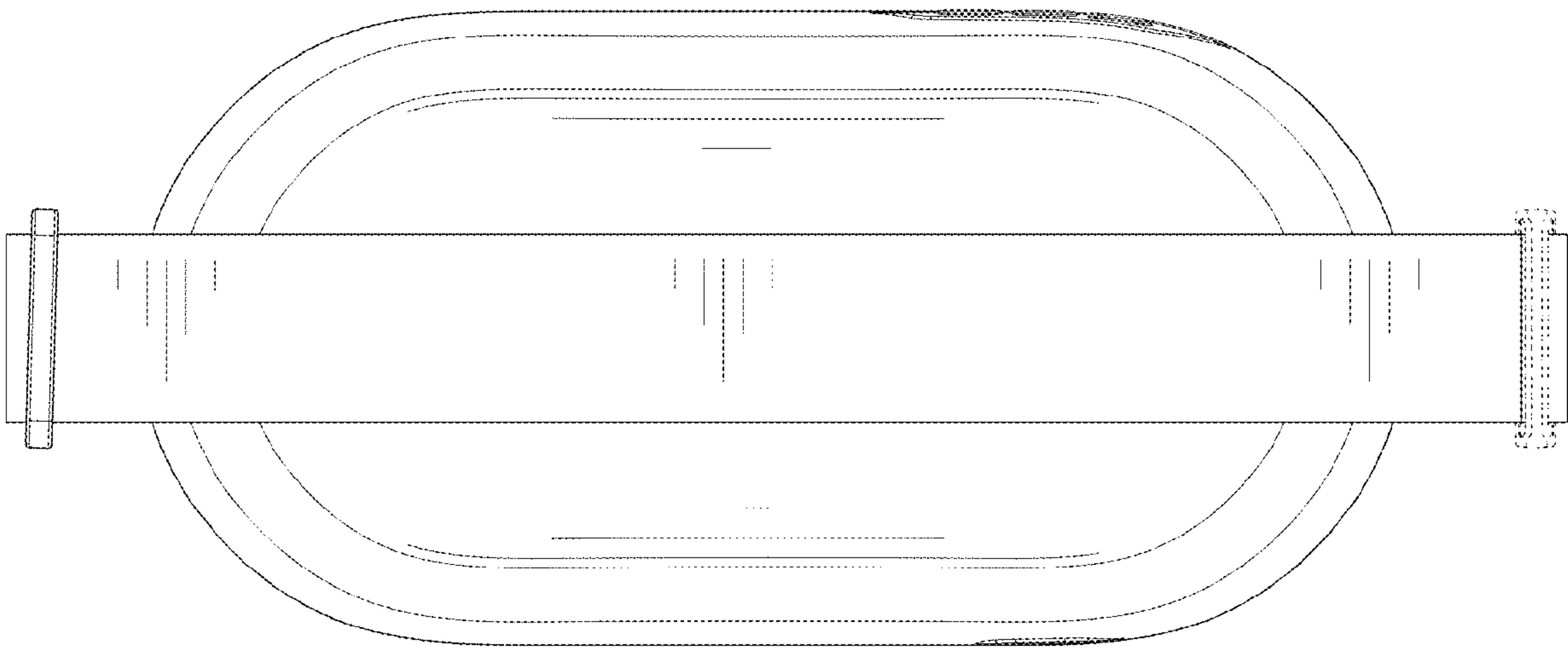


FIG. 4

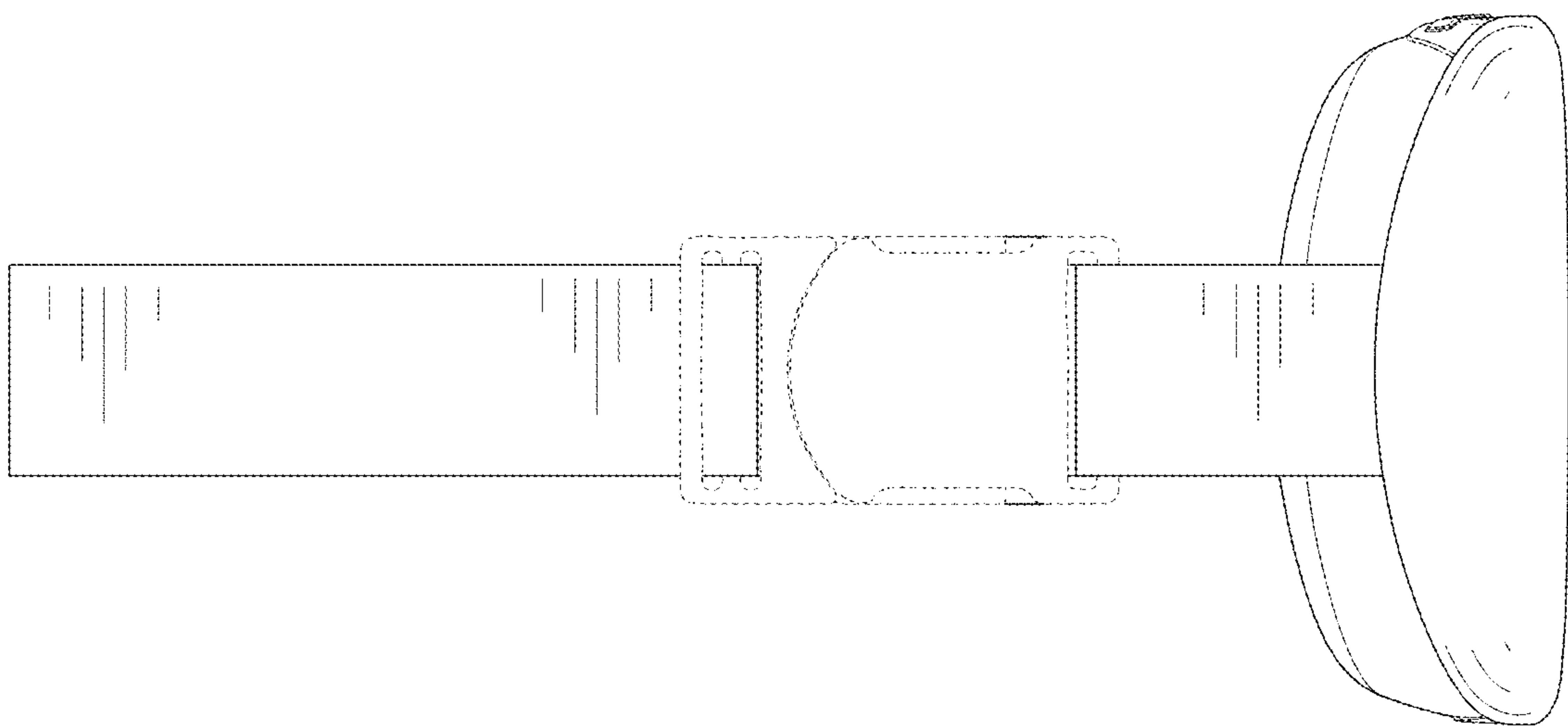


FIG. 5

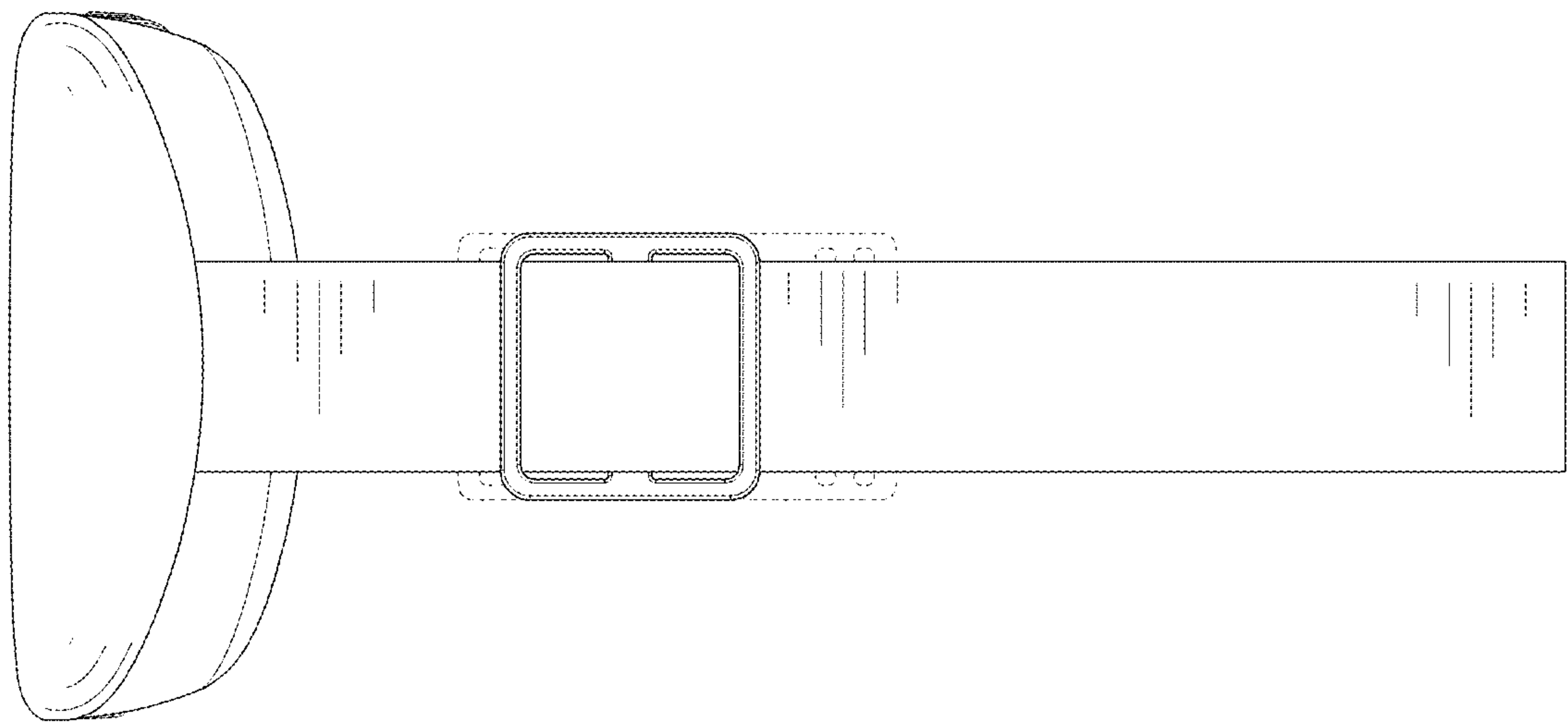


FIG. 6



FIG. 7

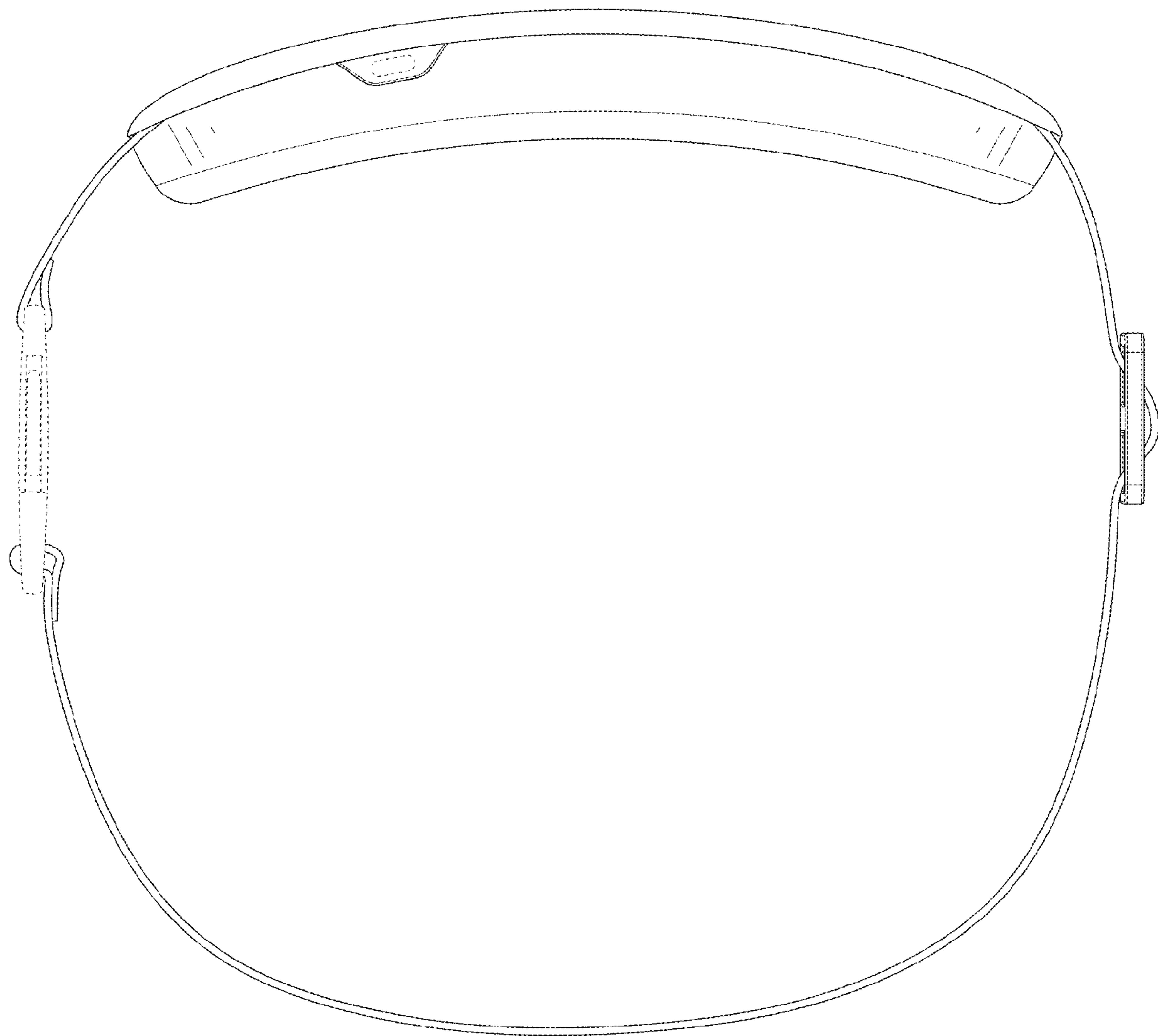


FIG. 8

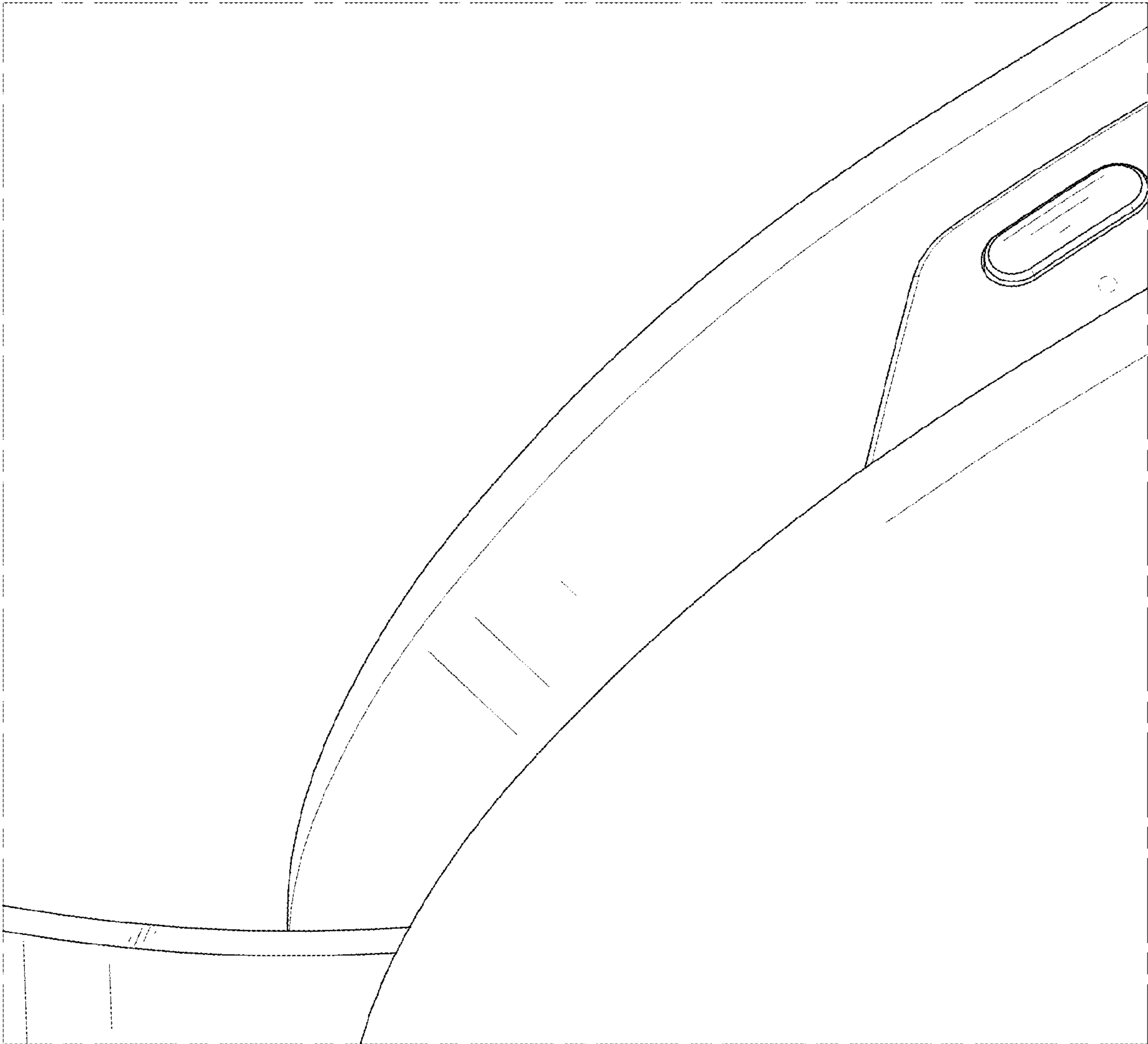


FIG. 9