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Sohn et al.

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(54) **CHARGING CASE FOR WIRELESS
EARPHONES**

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(52) **U.S. Cl.**
USPC **D13/108**

(58) **Field of Classification Search**

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D14/251, 253, 432, 434, 447; D3/201,
D3/205, 208, 218, 273, 294
CPC .. H02J 7/025; H02J 7/005; H02J 50/00; H02J
50/10; H02J 50/12; H02J 50/80; H02J
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A45C 2011/003

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D870,451 S * 12/2019 Birger D14/223
D881,810 S * 4/2020 Zhang D13/108

D882,262 S * 4/2020 Zhang D3/294
D888,664 S * 6/2020 Ma D13/108
D890,696 S * 7/2020 Sweet D13/108
D890,725 S * 7/2020 Liu D14/223
D894,123 S * 8/2020 Xiong D14/223
D902,589 S * 11/2020 Li D3/294
D904,024 S * 12/2020 Koneru D3/294
D904,761 S * 12/2020 Koneru D3/274
D904,762 S * 12/2020 Koneru D3/274

(Continued)

OTHER PUBLICATIONS

“Samsung Galaxy Buds Live True Wireless Earbuds US Version Active Noise Cancelling Wireless Charging Case Included, Mystic Bronze”, Amazon.com, first available Aug. 6, 2020. <<https://www.amazon.com/Samsung-Wireless-Cancelling-Charging-Included/dp/B089B7LX7N/?th=1>>. (Year: 2020).*

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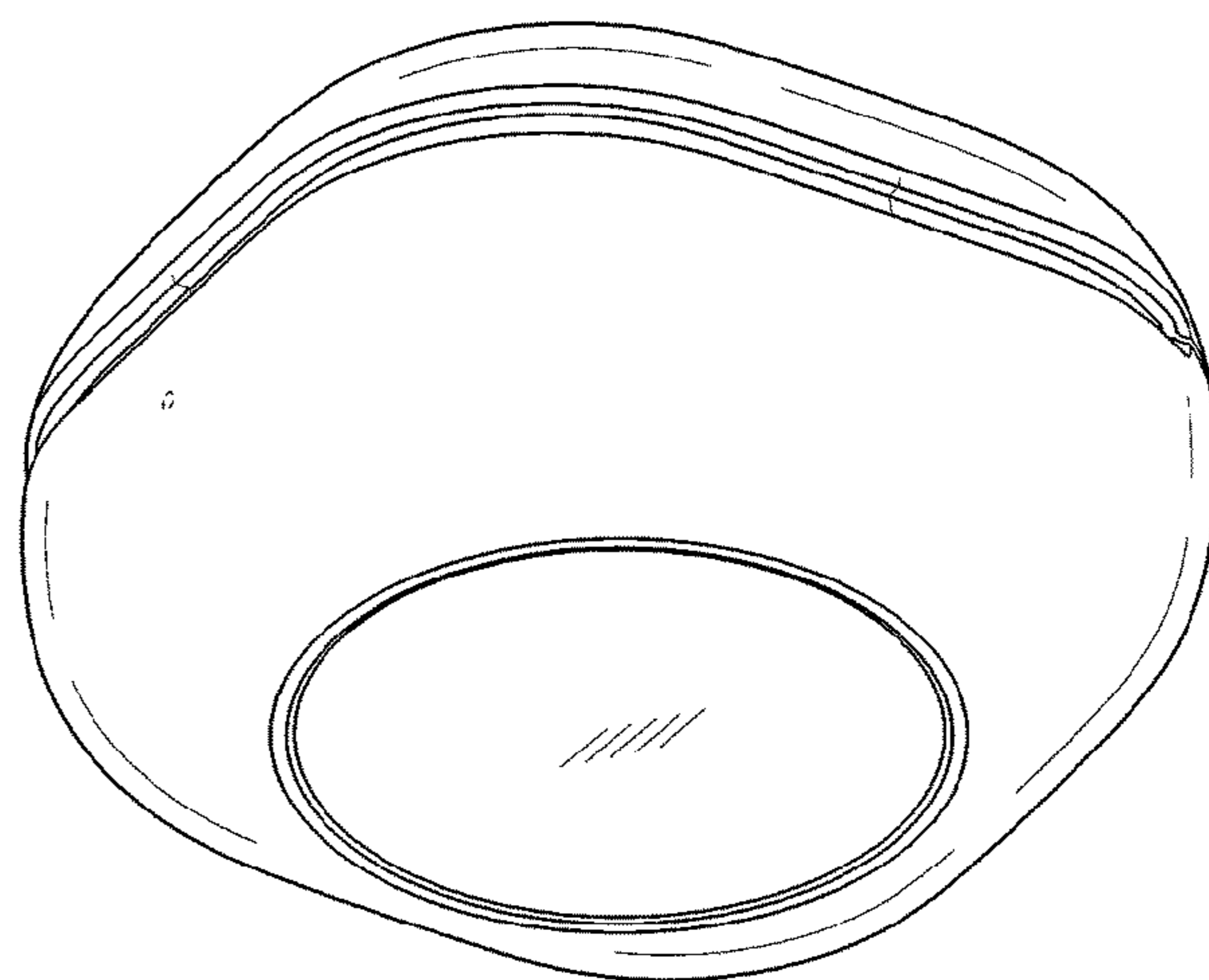
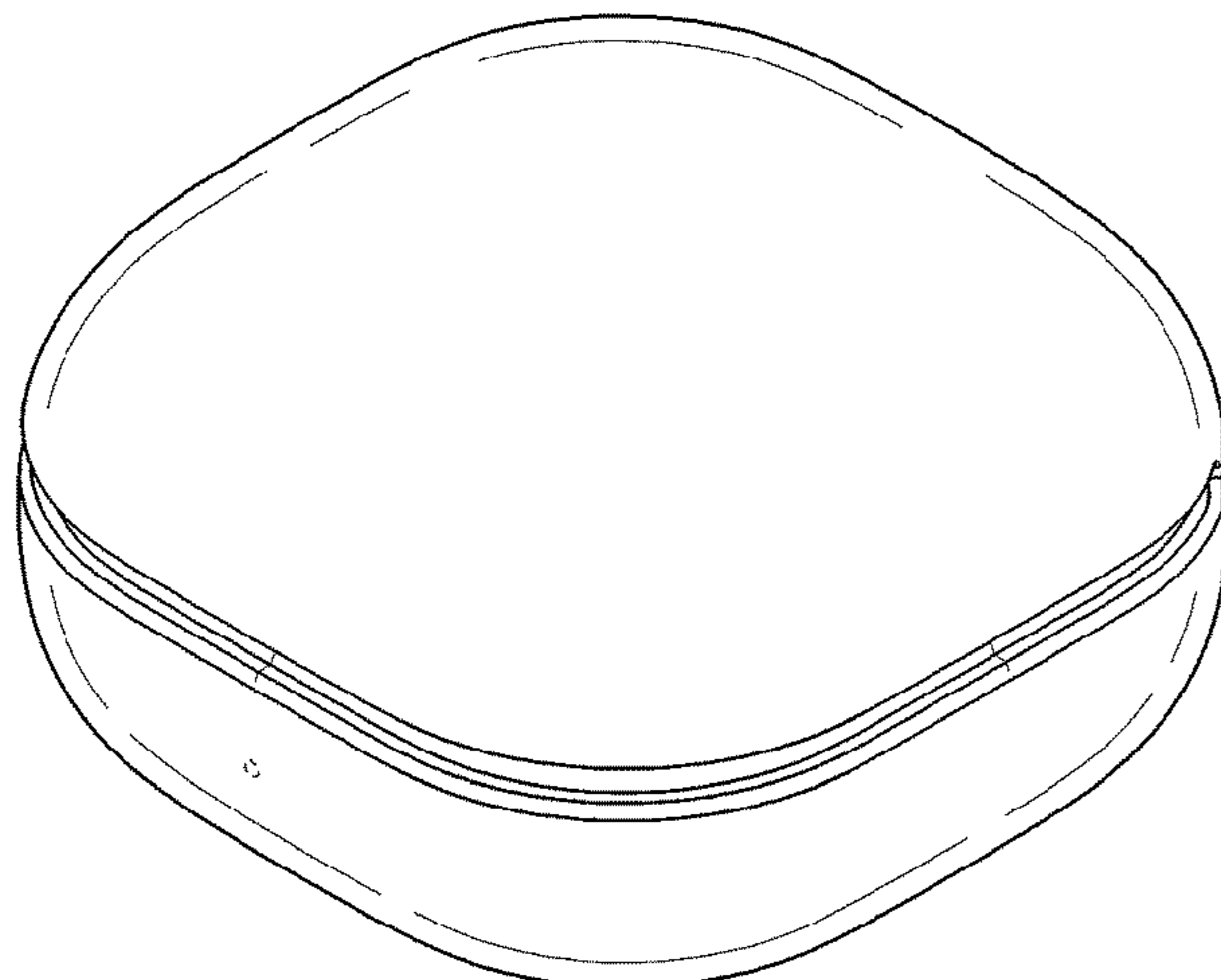
(57) **CLAIM**

The ornamental design for a charging case for wireless earphones, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a charging case for wireless earphones showing our new 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 view thereof;
FIG. 7 is a bottom view thereof; and,
FIG. 8 is a bottom perspective view thereof.
The broken lines in the figures depict portions of a charging case for wireless earphones that form no part of the claimed design.

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D904,763	S	*	12/2020	Koneru	.....	D3/274
D904,764	S	*	12/2020	Koneru	.....	D3/294
D904,901	S	*	12/2020	Koneru	.....	D9/721
D908,617	S	*	1/2021	Briggs	.....	D3/274
D912,623	S	*	3/2021	Zhou	.....	D3/294
D913,224	S	*	3/2021	Kim	.....	D13/108
D919,293	S	*	5/2021	Fang	.....	D3/294
D921,362	S	*	6/2021	Lu	.....	D3/294
D921,582	S	*	6/2021	Liu	.....	D3/294
D924,130	S	*	7/2021	Zhang	.....	D3/294
D928,123	S	*	8/2021	Gao	.....	D14/223
D931,206	S	*	9/2021	Briggs	.....	D3/294
D931,212	S	*	9/2021	Briggs	.....	D3/294
D932,472	S	*	10/2021	Wang	.....	D14/223
D933,004	S	*	10/2021	Li	.....	D3/294
D933,006	S	*	10/2021	Zhao	.....	D14/223
D933,602	S	*	10/2021	Zhang	.....	D3/294
D936,040	S	*	11/2021	Zhao	.....	D14/223
D962,644	S	*	9/2022	Ren	.....	D3/273
2020/0321792	A1	*	10/2020	Rhee	.....	H02J 7/0049
2020/0412143	A1	*	12/2020	Chang	.....	H02J 7/0044

* cited by examiner

FIG.1

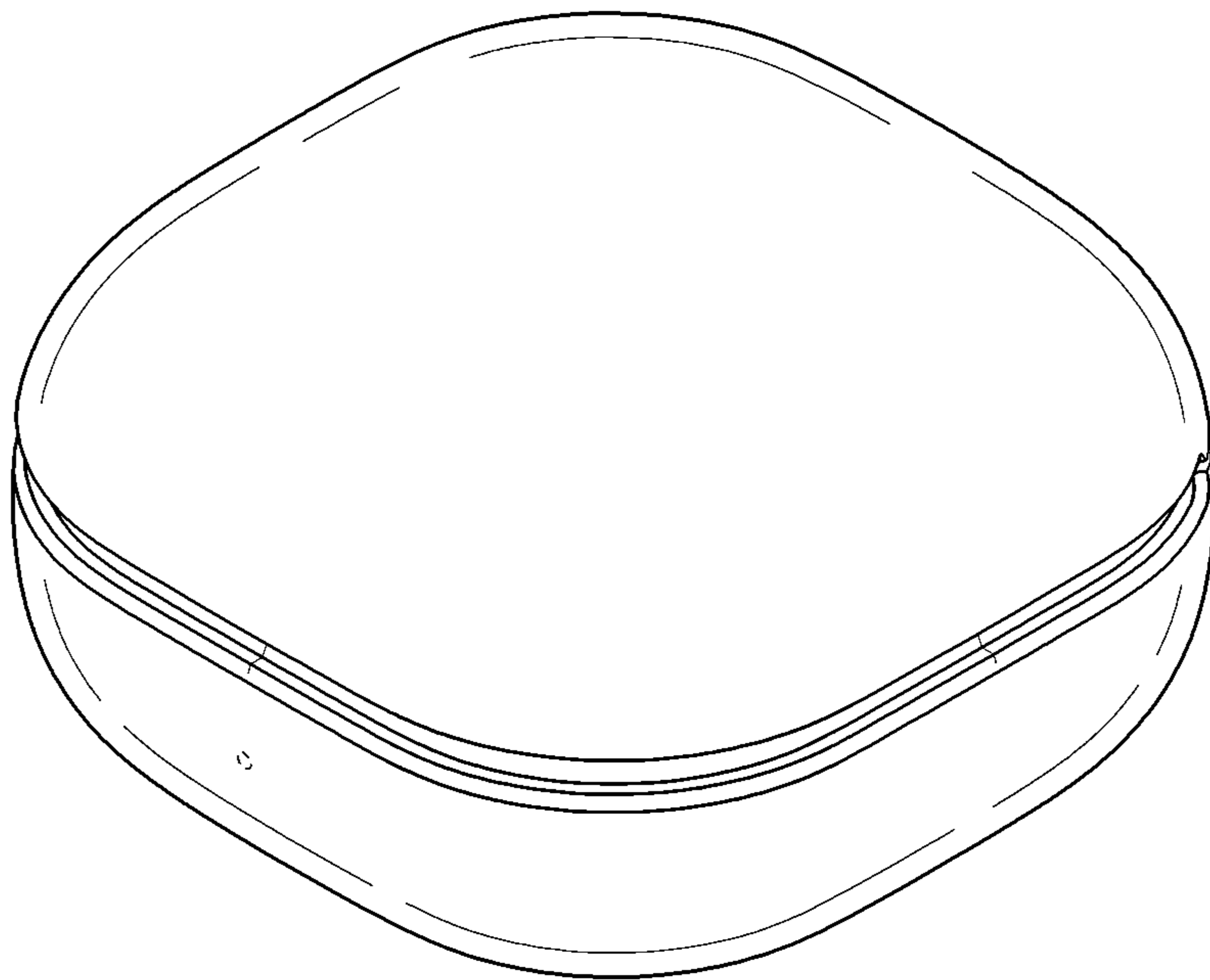


FIG.2

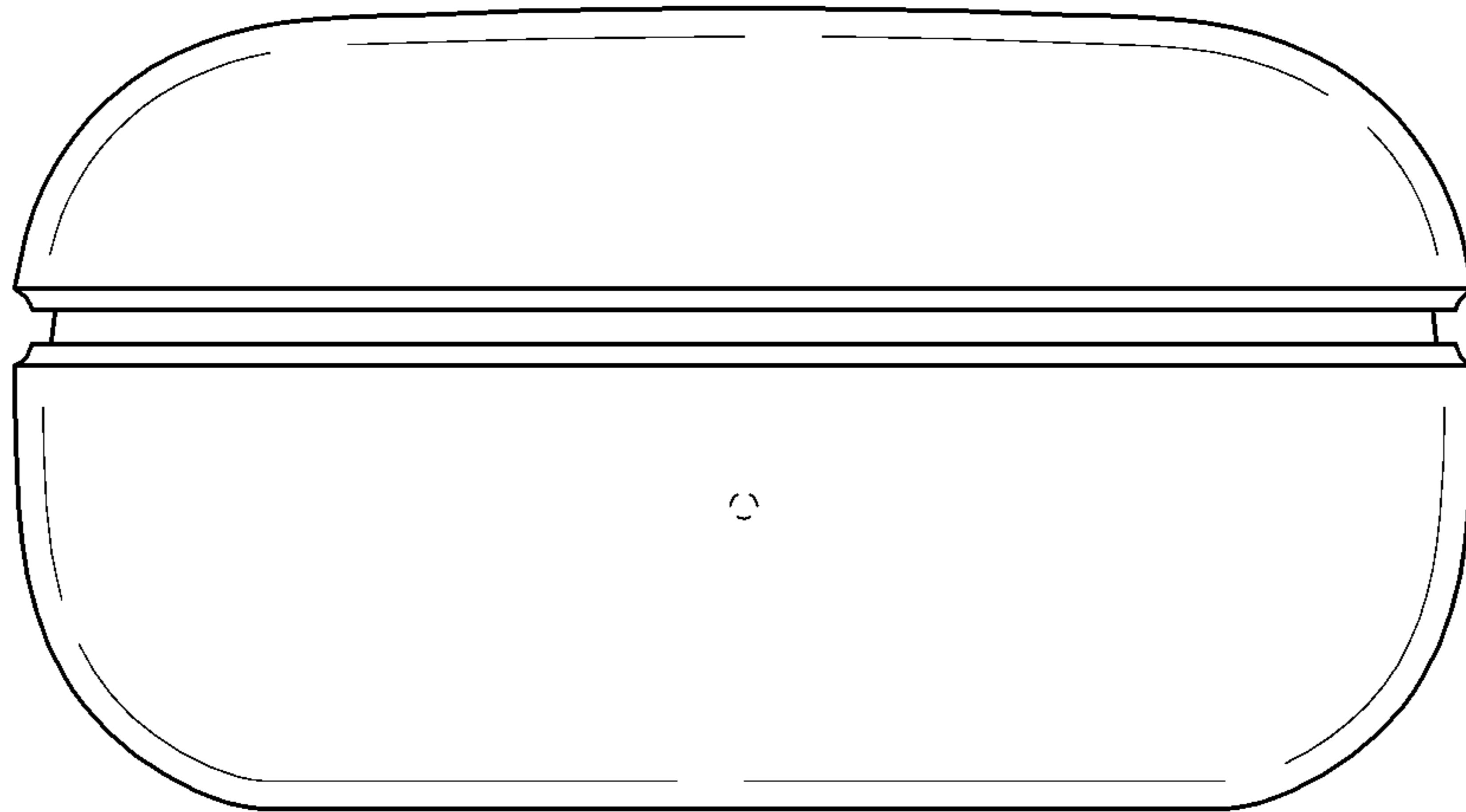


FIG.3

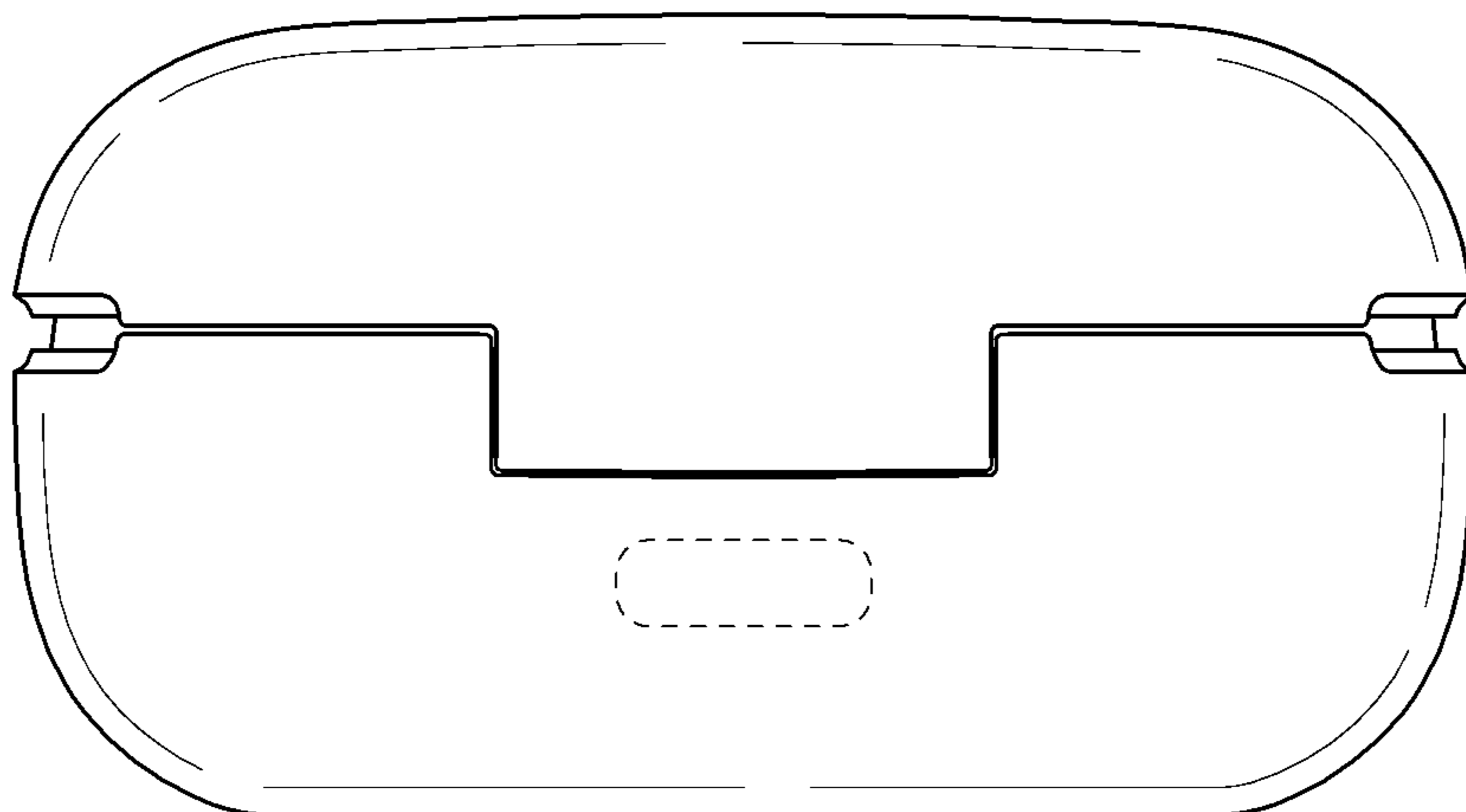


FIG.4

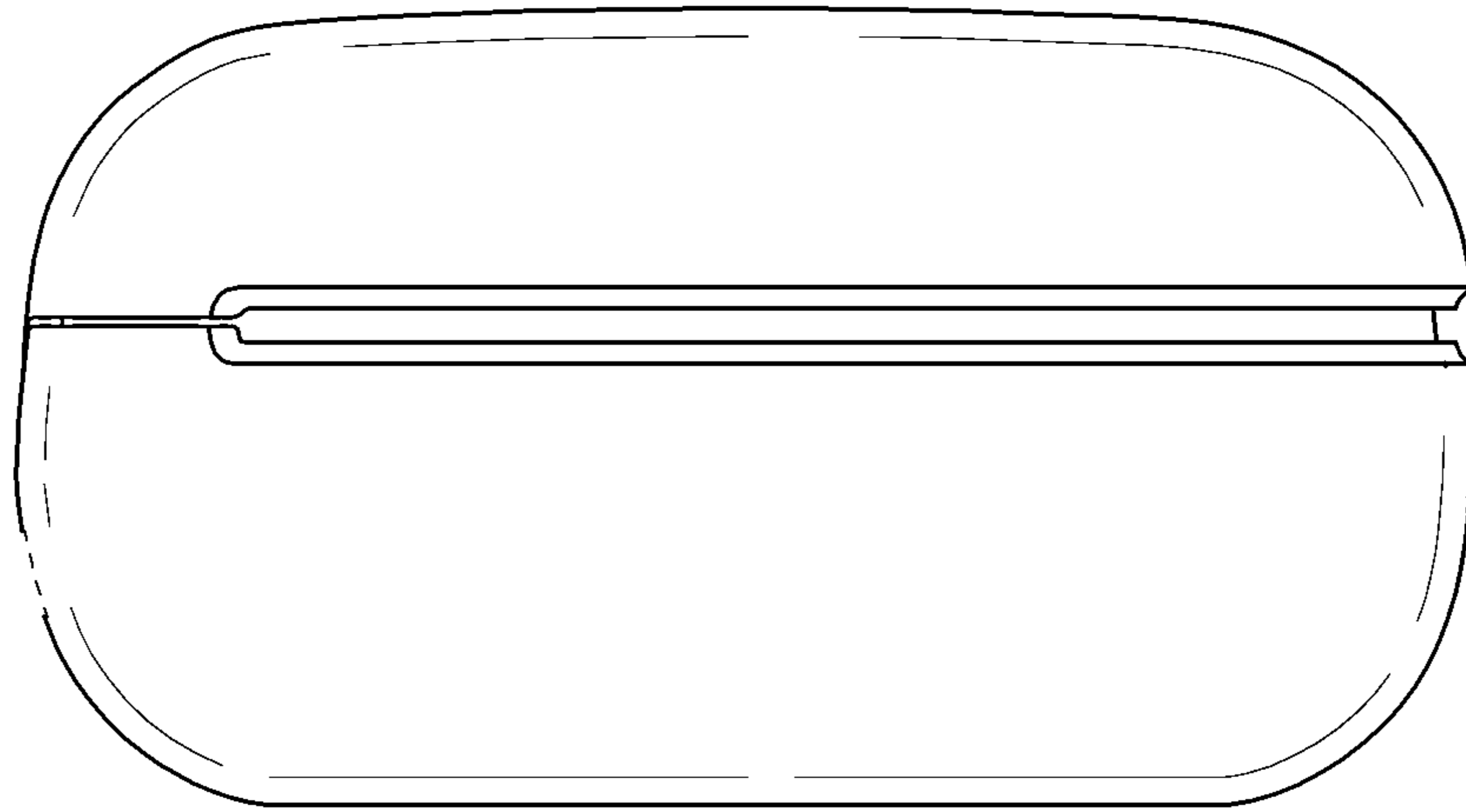


FIG.5

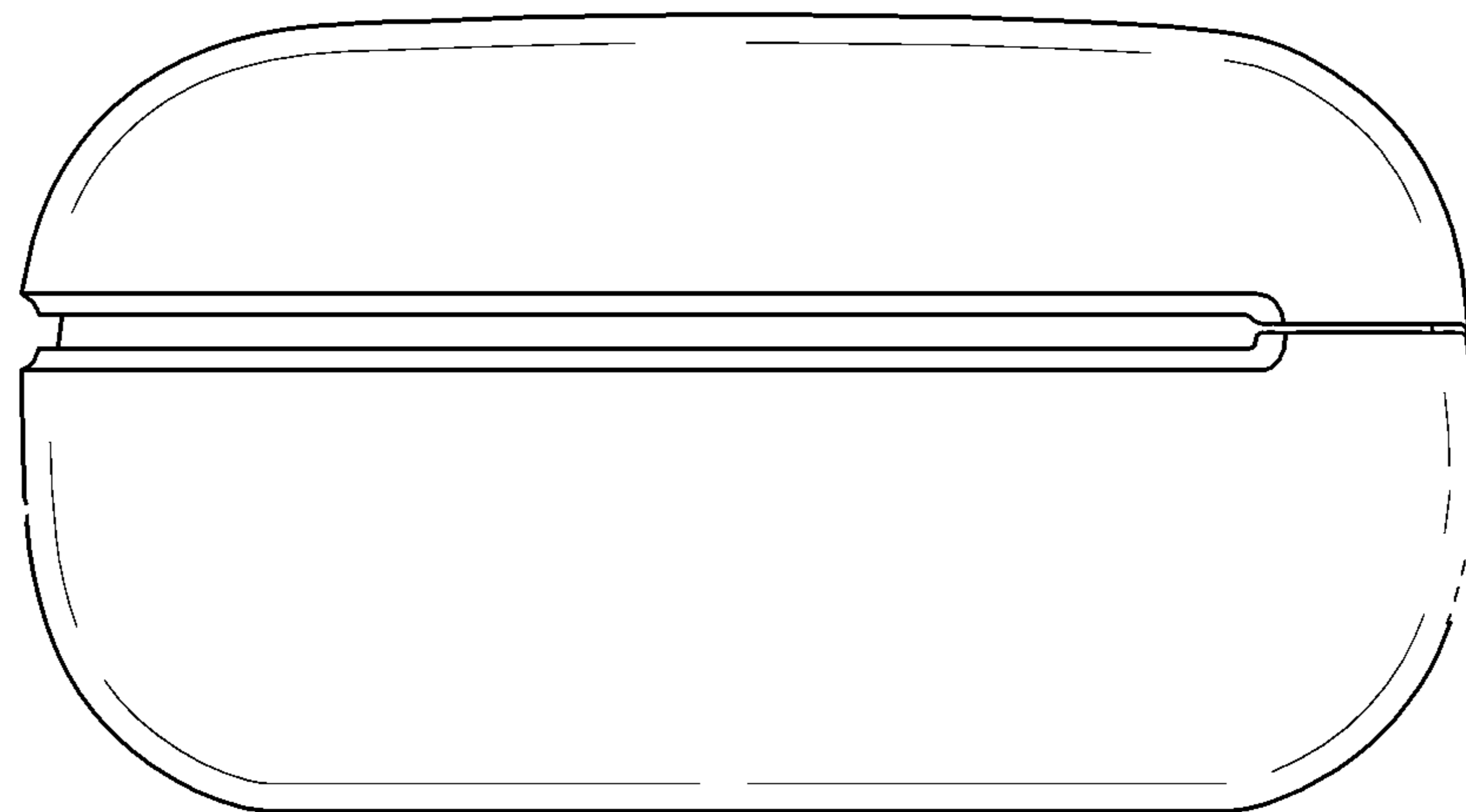


FIG.6

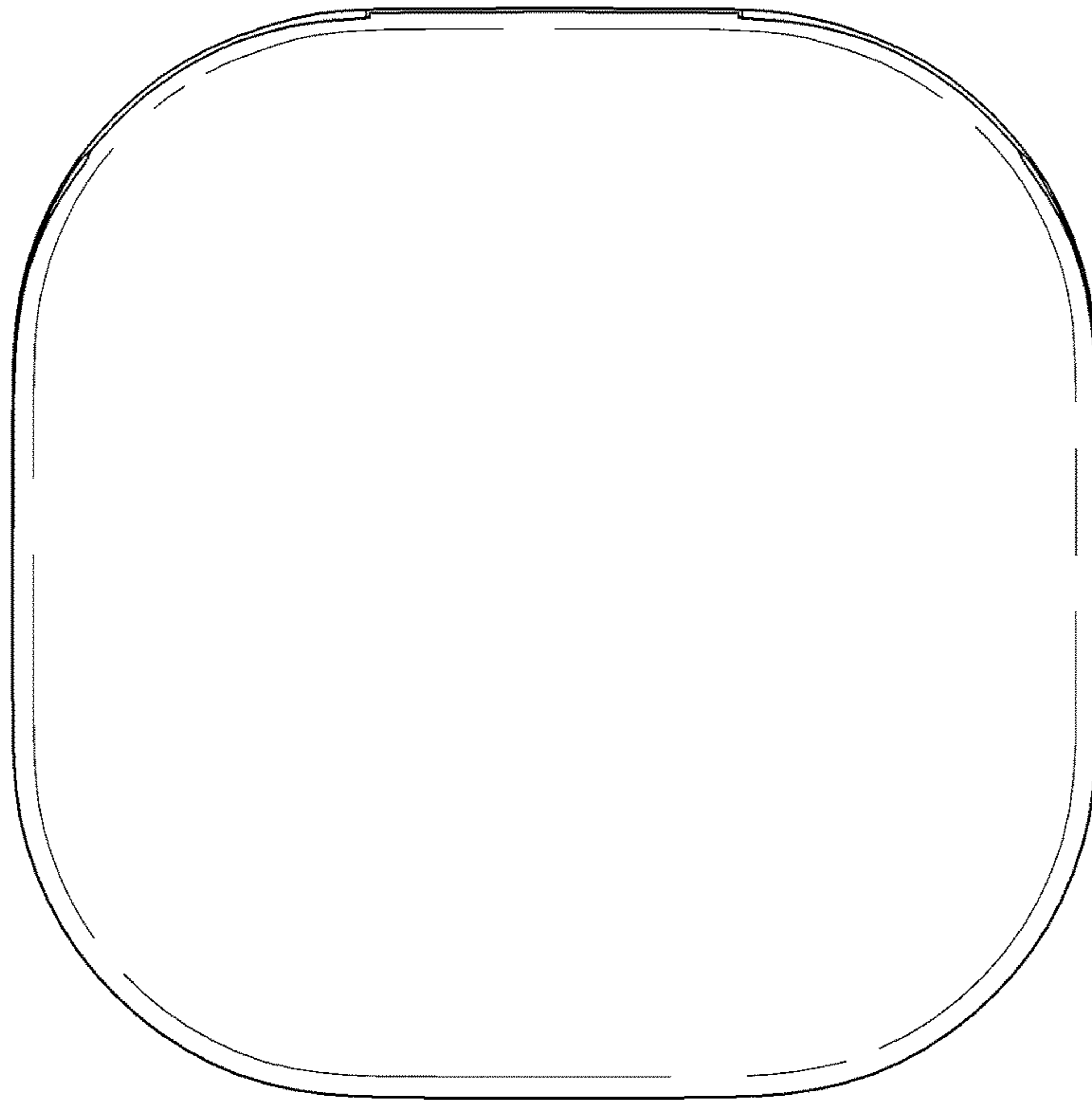


FIG.7

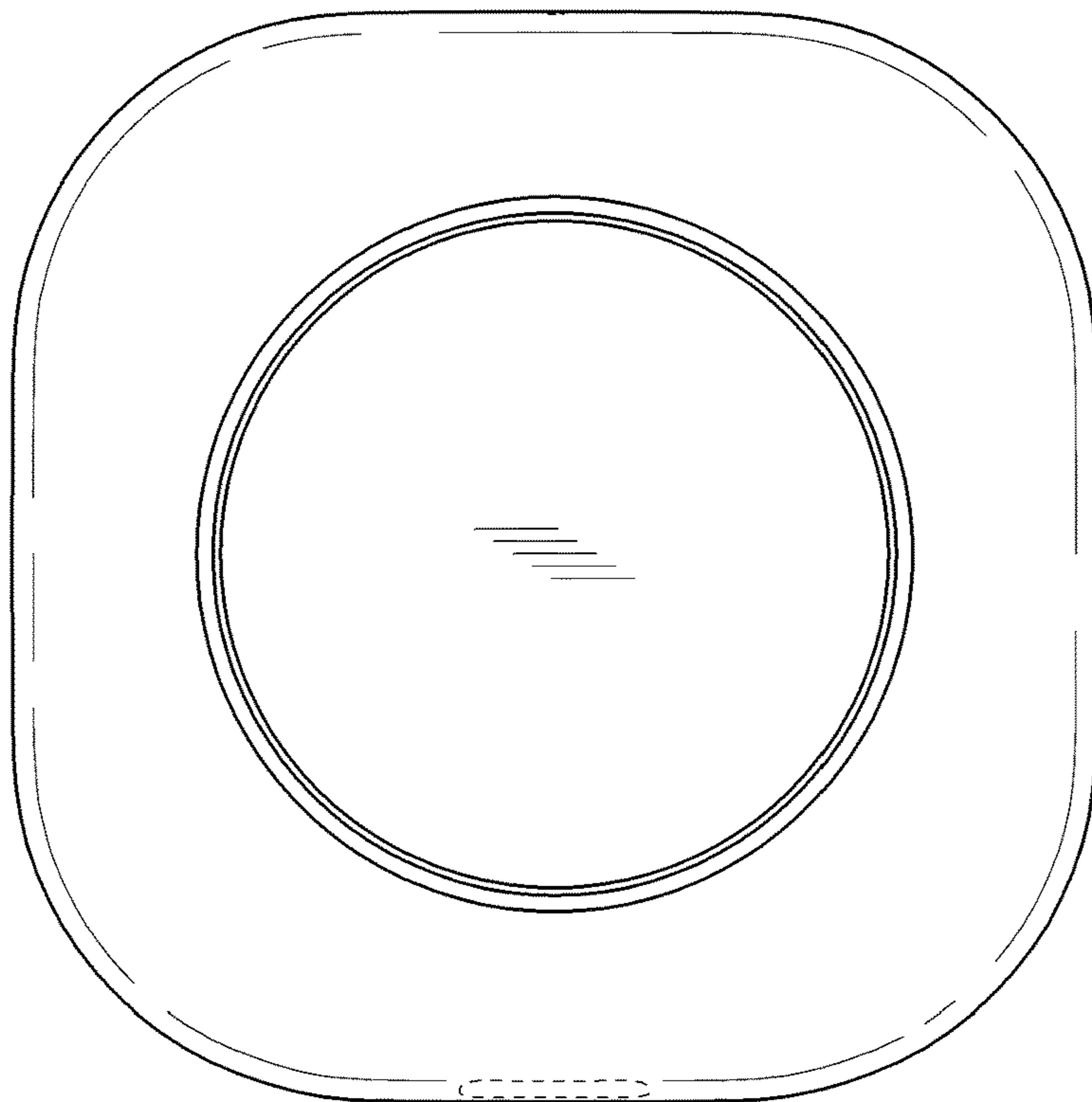


FIG.8

