



US00D826151S

(12) **United States Design Patent** (10) **Patent No.:** **US D826,151 S**
Akana et al. (45) **Date of Patent:** **** Aug. 21, 2018**

(54) **CHARGING SURFACE**

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

(21) Appl. No.: **29/612,870**

(22) Filed: **Aug. 4, 2017**

(51) **LOC (11) Cl.** **13-02**

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

(58) **Field of Classification Search**

USPC D13/107-110, 118-119, 184; D14/251, D14/253, 432, 434
CPC Y02E 60/12; Y02T 90/14; Y02T 90/122; Y02T 90/128; Y02T 90/163; H02J 7/025; H02J 7/0042; H02J 7/0044; H02J 7/0045; H02J 7/0003; H01F 38/14; H01R 13/6675;

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D418,125 S 12/1999 Jobs et al.
D433,994 S 11/2000 Jobs et al.

(Continued)

FOREIGN PATENT DOCUMENTS

KR 30-0728310 2/2014

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(57) **CLAIM**

The ornamental design for a charging surface, as shown and described.

DESCRIPTION

FIG. 1 is a top front perspective view of a charging surface showing the claimed design;

FIG. 2 is a top rear perspective view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a front view thereof;

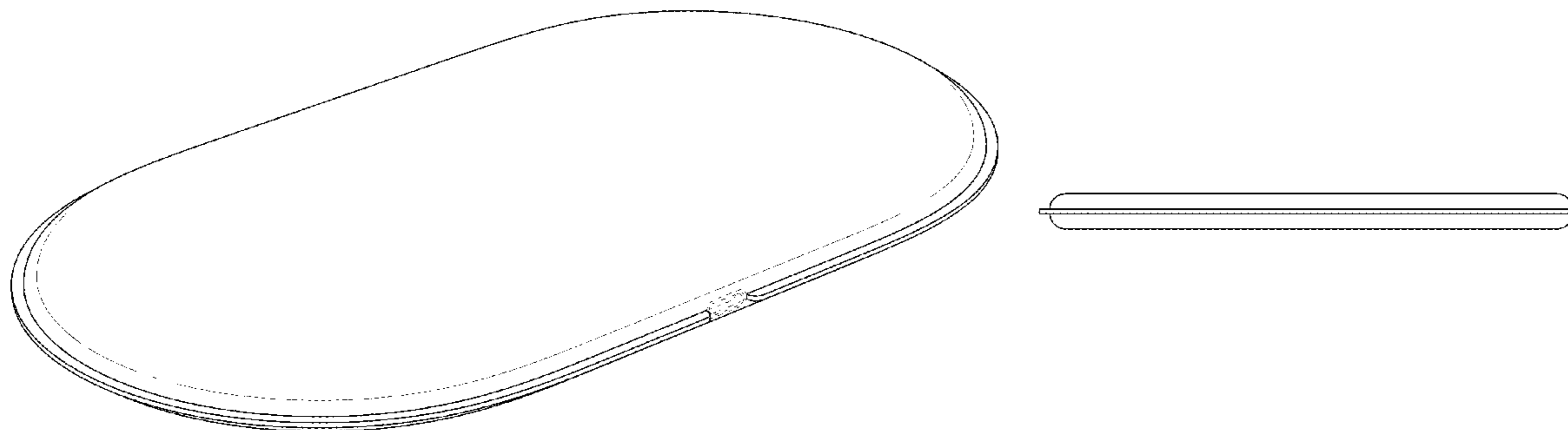
FIG. 5 is a left side view thereof;

FIG. 6 is a right side view thereof;

FIG. 7 is a top view thereof; and,

FIG. 8 is a bottom view thereof.

(Continued)



The broken lines in the figures show portions of the charging surface that form no part of the claimed design.

1 Claim, 6 Drawing Sheets

(58) Field of Classification Search

CPC H01M 10/44; H01M 10/46; H01M 10/425;
H01M 2/1022; H01M 2/1055; B60L
11/182

See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

D454,568 S	3/2002	Andre et al.	
D557,624 S	12/2007	Coster et al.	
D599,736 S *	9/2009	Ferber	D13/108
D601,799 S	10/2009	Andre et al.	
D611,408 S *	3/2010	Ferber	D13/108
D719,505 S *	12/2014	Kim	D13/108
D722,023 S *	2/2015	Brunner	D13/110
D730,906 S *	6/2015	Amit	D14/435
D736,706 S *	8/2015	Huang	D13/108
D744,109 S *	11/2015	Yoneta	D24/186
D757,275 S *	5/2016	Lee	D24/187
D777,331 S *	1/2017	Jayalath	D14/344
D793,958 S *	8/2017	Rautiainen	D13/108
D795,183 S	8/2017	Akana et al.	
D797,101 S *	9/2017	Wieser	D14/358
D800,313 S *	10/2017	Chang	D24/167
D806,015 S *	12/2017	Park	D13/103

* cited by examiner



FIG. 1

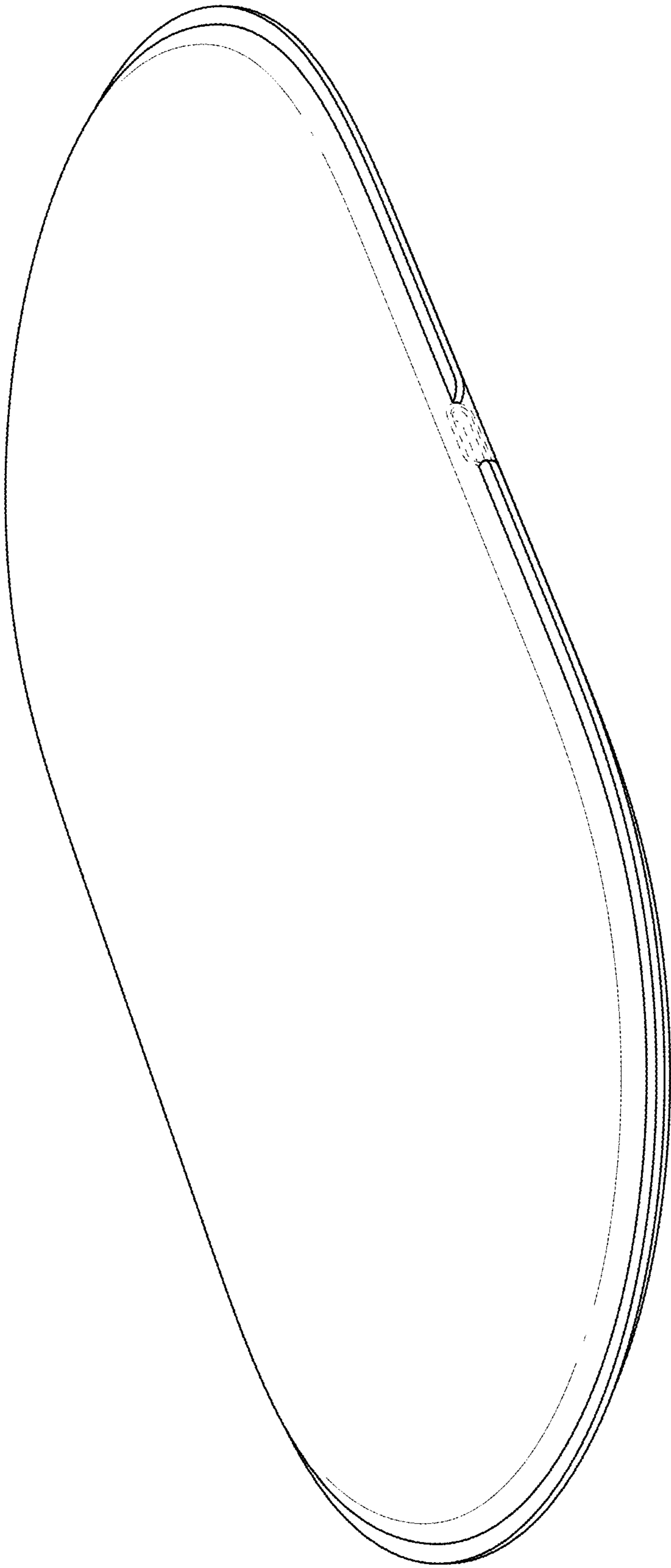


FIG. 2



FIG. 3



FIG. 4

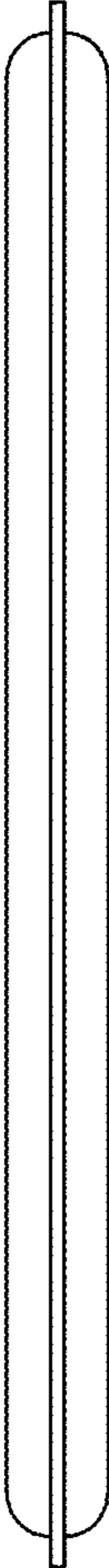


FIG. 5

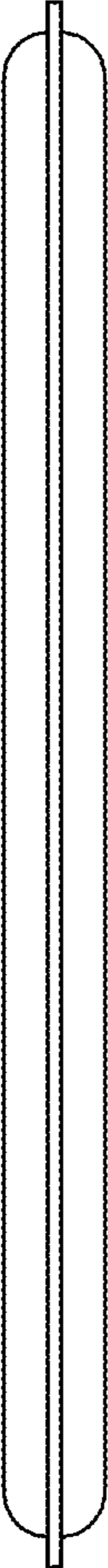


FIG. 6

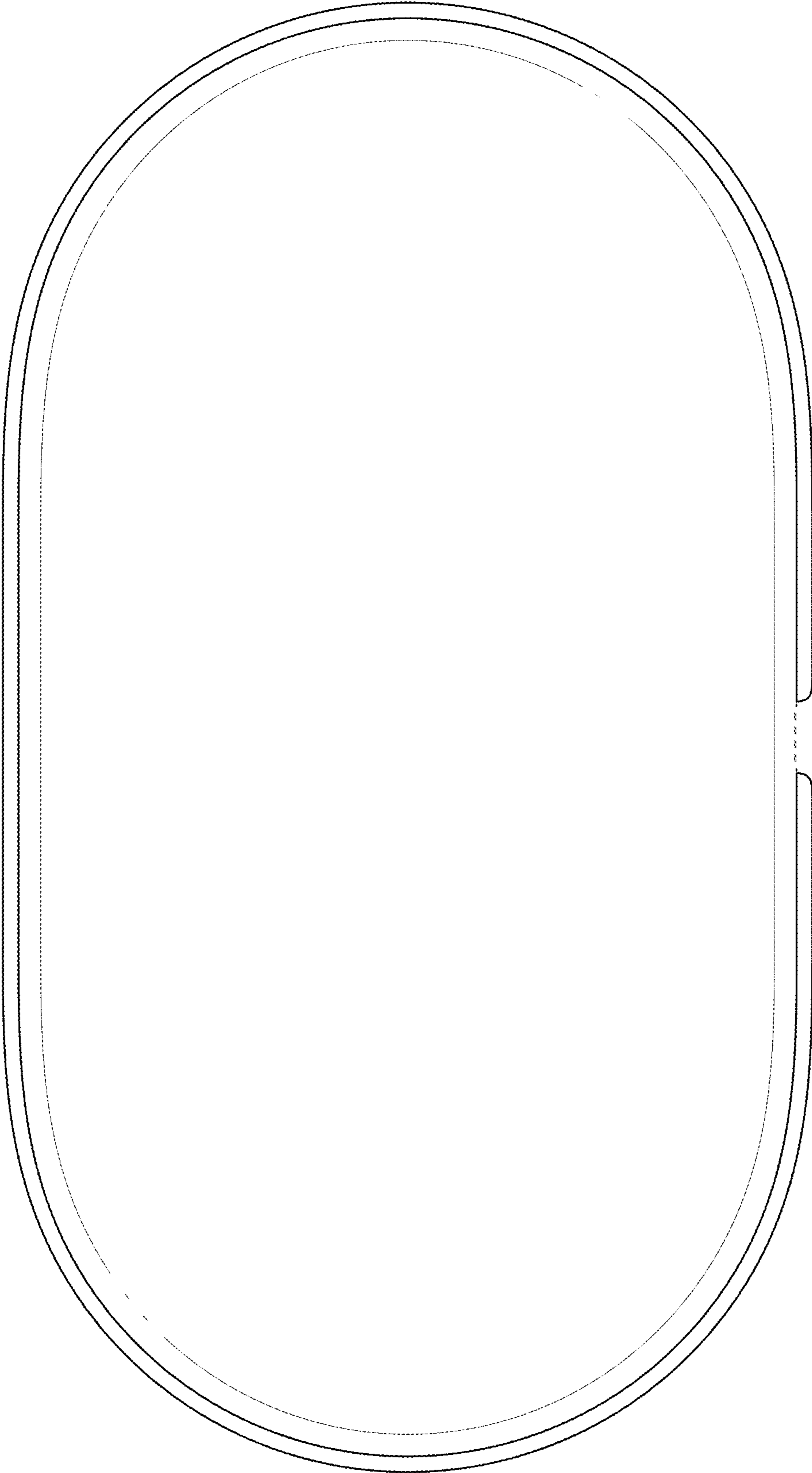


FIG. 7

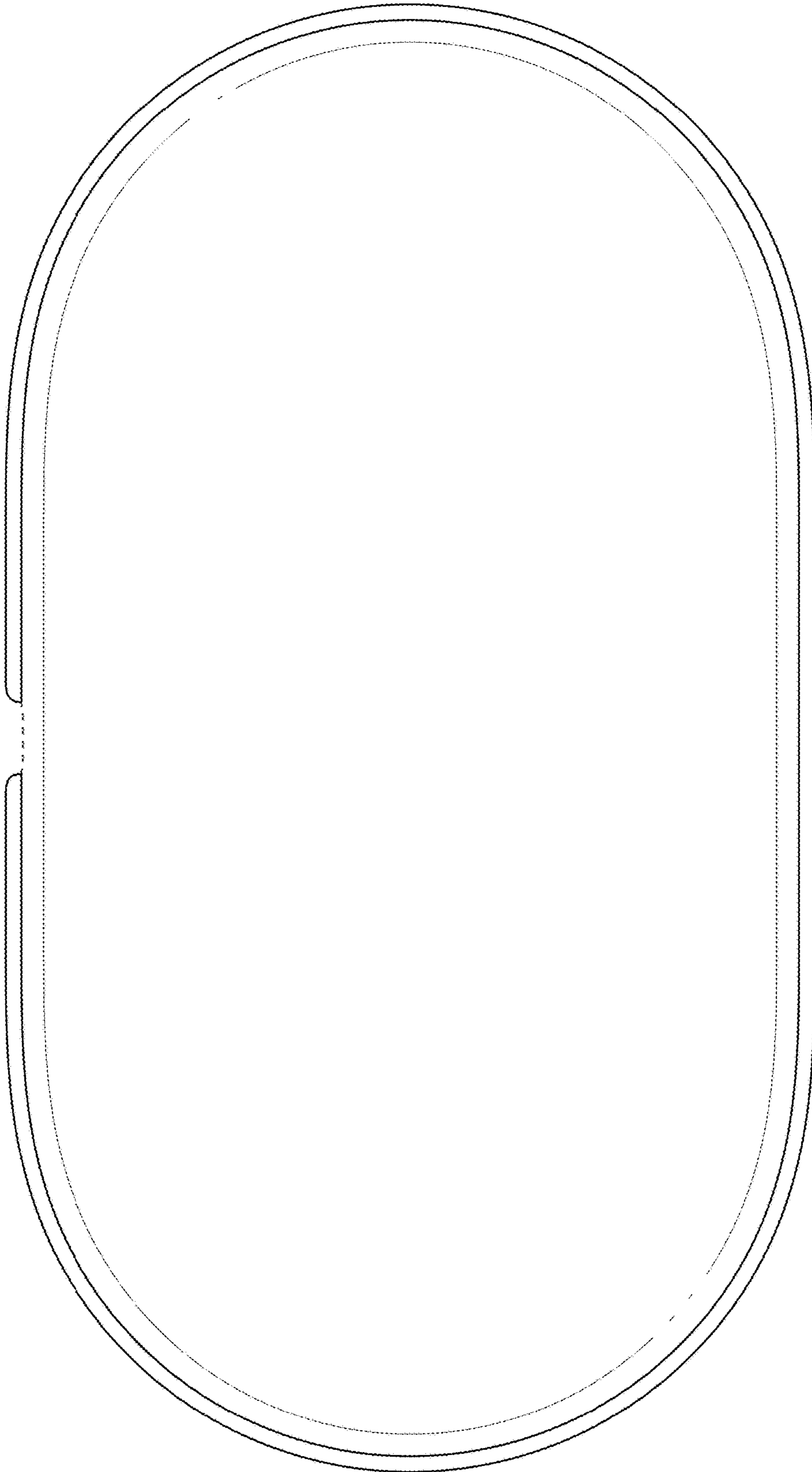


FIG. 8