



US00D973607S

(12) **United States Design Patent** (10) **Patent No.:** **US D973,607 S**  
**Jo et al.** (45) **Date of Patent:** **\*\* Dec. 27, 2022**

(54) **REMOTE CONTROLLER FOR BIDET**  
(71) Applicant: **INUS Co., Ltd.**  
(72) Inventors: **Young Seok Jo**, Gwacheon-si (KR);  
**Sang Chul Park**, Seoul (KR)  
(73) Assignee: **INUS Co., Ltd.**, Asan-si (KR)  
(\*\*) Term: **15 Years**  
(21) Appl. No.: **29/802,268**  
(22) Filed: **Aug. 4, 2021**

D633,478 S \* 3/2011 Bolton ..... D14/218  
D645,848 S \* 9/2011 Arnholt ..... D14/218  
D670,659 S \* 11/2012 Ishikawa ..... D13/168  
D714,762 S \* 10/2014 O'Neil ..... D14/218  
D720,303 S \* 12/2014 Fischer ..... D13/162  
D736,720 S \* 8/2015 Jung ..... D13/168  
D752,555 S \* 3/2016 Langhammer ..... D14/218  
D763,830 S \* 8/2016 Jones ..... D14/218  
D778,844 S \* 2/2017 Tsuduki ..... D13/168  
D807,861 S \* 1/2018 VanDuyn ..... D14/218  
D855,585 S \* 8/2019 Jeong ..... D14/218  
D857,661 S \* 8/2019 Shigeta ..... D14/218  
D873,245 S \* 1/2020 Russo ..... D14/218  
D902,180 S \* 11/2020 Shigeta ..... D14/218  
D936,616 S \* 11/2021 Horinoe ..... D13/168

(Continued)

(30) **Foreign Application Priority Data**

Jun. 28, 2021 (KR) ..... 30-2021-0030741  
(51) **LOC (13) Cl.** ..... **14-03**  
(52) **U.S. Cl.**  
USPC ..... **D13/168**  
(58) **Field of Classification Search**  
USPC ..... D13/168; D14/218  
CPC ..... G08C 17/02; G08C 19/00; G08C 19/12;  
G08C 19/28; G08C 23/04; H04B 1/202;  
H05B 47/10; H05B 47/19; H03J 9/00;  
H03J 9/02; H03J 9/04; H03J 9/06; H03J  
1/0025; H01H 9/0235; A47C 31/008;  
A61G 13/02  
See application file for complete search history.

**FOREIGN PATENT DOCUMENTS**

KR 300984175.0000 \* 6/2018

**OTHER PUBLICATIONS**

Amazon.co.jp\_ Deff Wireless Charging Tray, Oct. 7, 2020; 2 pgs.\*  
(Continued)

*Primary Examiner* — Selina Sikder  
(74) *Attorney, Agent, or Firm* — Goldilocks Zone IP Law

(57) **CLAIM**

The ornamental design for a remote controller for bidet, as shown and described.

**DESCRIPTION**

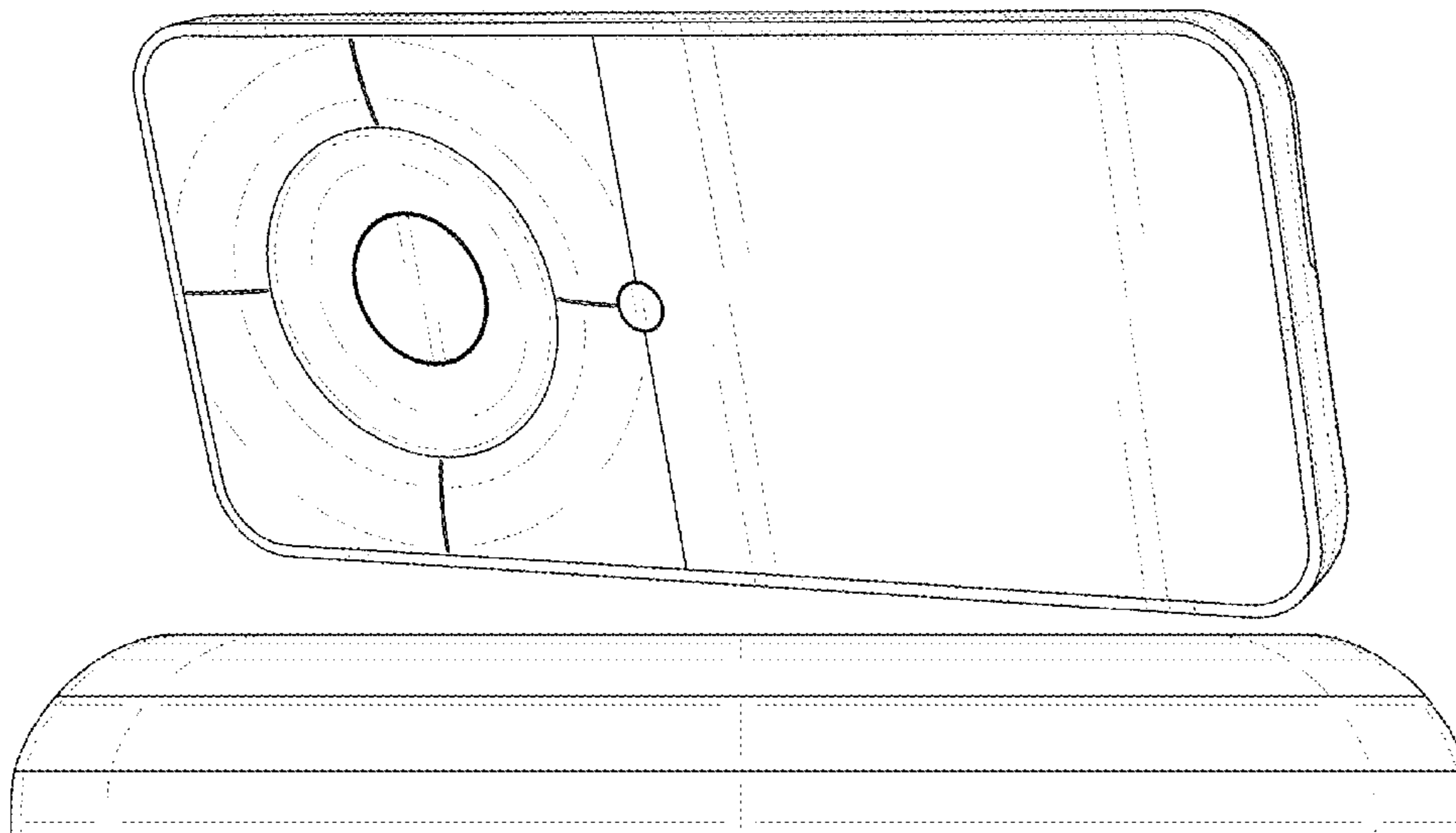
FIG. 1 is a perspective view of a remote controller for bidet, showing our new design;  
FIG. 2 is a front view thereof;  
FIG. 3 is a rear view thereof;  
FIG. 4 is a left-side view hereof;  
FIG. 5 is a right-side view thereof;  
FIG. 6 is a top plan view thereof; and,  
FIG. 7 is a bottom plan view thereof.

**1 Claim, 7 Drawing Sheets**

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

6,754,912 B1 \* 6/2004 Hayashi ..... E03D 9/08  
239/468  
D528,991 S \* 9/2006 Katsuyama ..... D13/168  
7,191,473 B2 \* 3/2007 Matsumoto ..... E03D 9/08  
4/420.4  
D541,225 S \* 4/2007 Katsuyama ..... D13/168  
D568,827 S \* 5/2008 Ikeda ..... D13/168  
D617,746 S \* 6/2010 Choi ..... D13/164  
D621,371 S \* 8/2010 Sheppard ..... D13/168



(56)

**References Cited**

U.S. PATENT DOCUMENTS

2006/0076220 A1\* 4/2006 Fukaya ..... E03C 1/055  
200/6 A  
2011/0203043 A1\* 8/2011 Jin ..... E03D 9/08  
4/443  
2018/0036473 A1\* 2/2018 Schwab ..... A61M 3/027  
2018/0245321 A1\* 8/2018 Shimasaki ..... H01H 13/86  
2019/0169829 A1\* 6/2019 Morioka ..... E03D 9/08  
2020/0284014 A1\* 9/2020 Yamasaki ..... G08C 17/00  
2021/0108402 A1\* 4/2021 Yamasaki ..... E03D 5/10  
2021/0372110 A1\* 12/2021 Kim ..... B05B 9/0403  
2022/0154441 A1\* 5/2022 Song ..... E03D 9/08

OTHER PUBLICATIONS

Brondell, Swash Select EM617 Bidet Seat Specification, metadata  
Oct. 7, 2020, 2pgs.; [https://www.rehabmart.com/pdfs/brondell\\_spec\\_sheet.pdf](https://www.rehabmart.com/pdfs/brondell_spec_sheet.pdf).\*

Bio Bidet SLIM 3 Electronic Bidet Seat Owner's Manual; metadata  
May 27, 2022; 11 pgs.; <https://manuals.plus/bio-bidet/slim-3-electronic-bidet-seat-manual.pdf>.\*

\* cited by examiner

FIG. 1

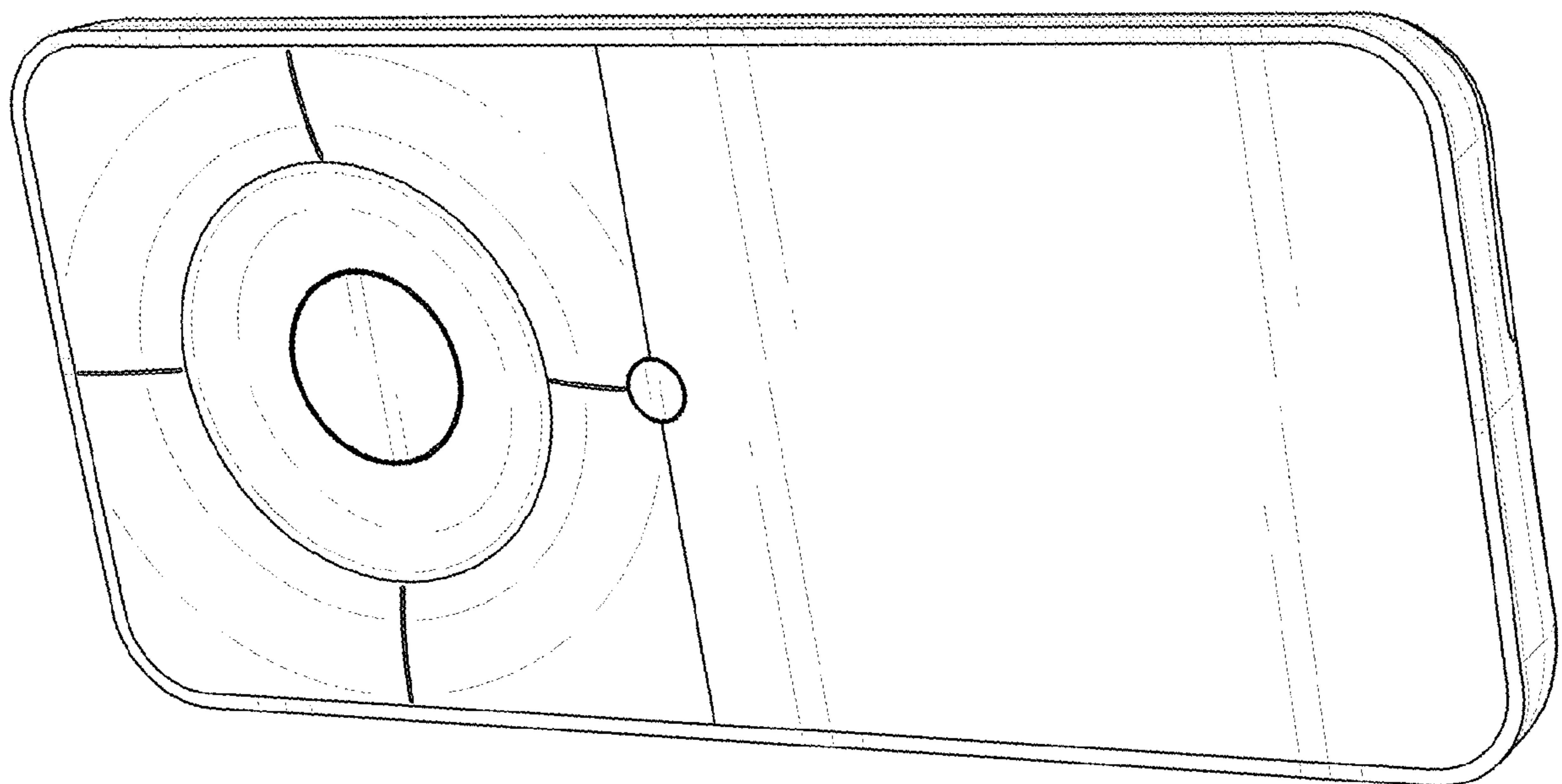


FIG. 2

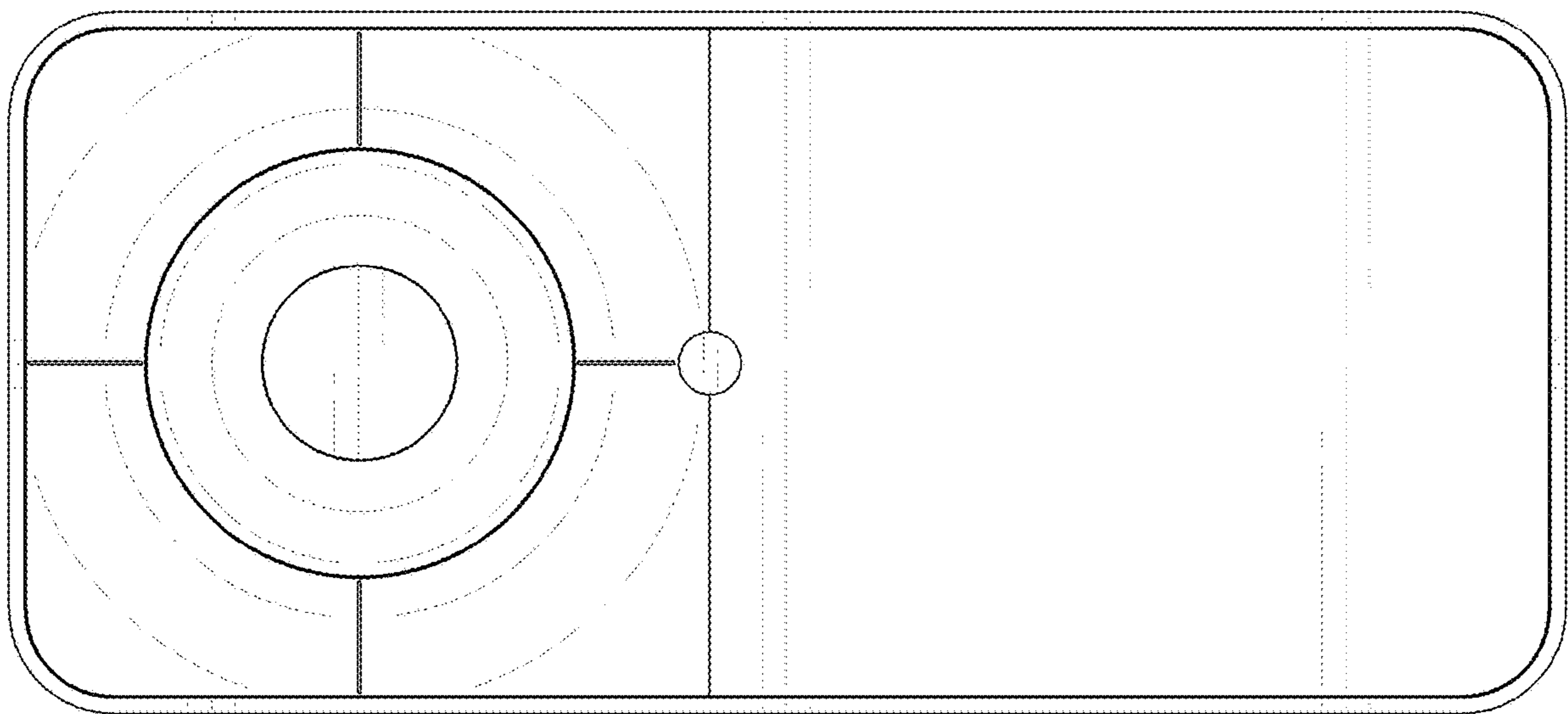


FIG. 3

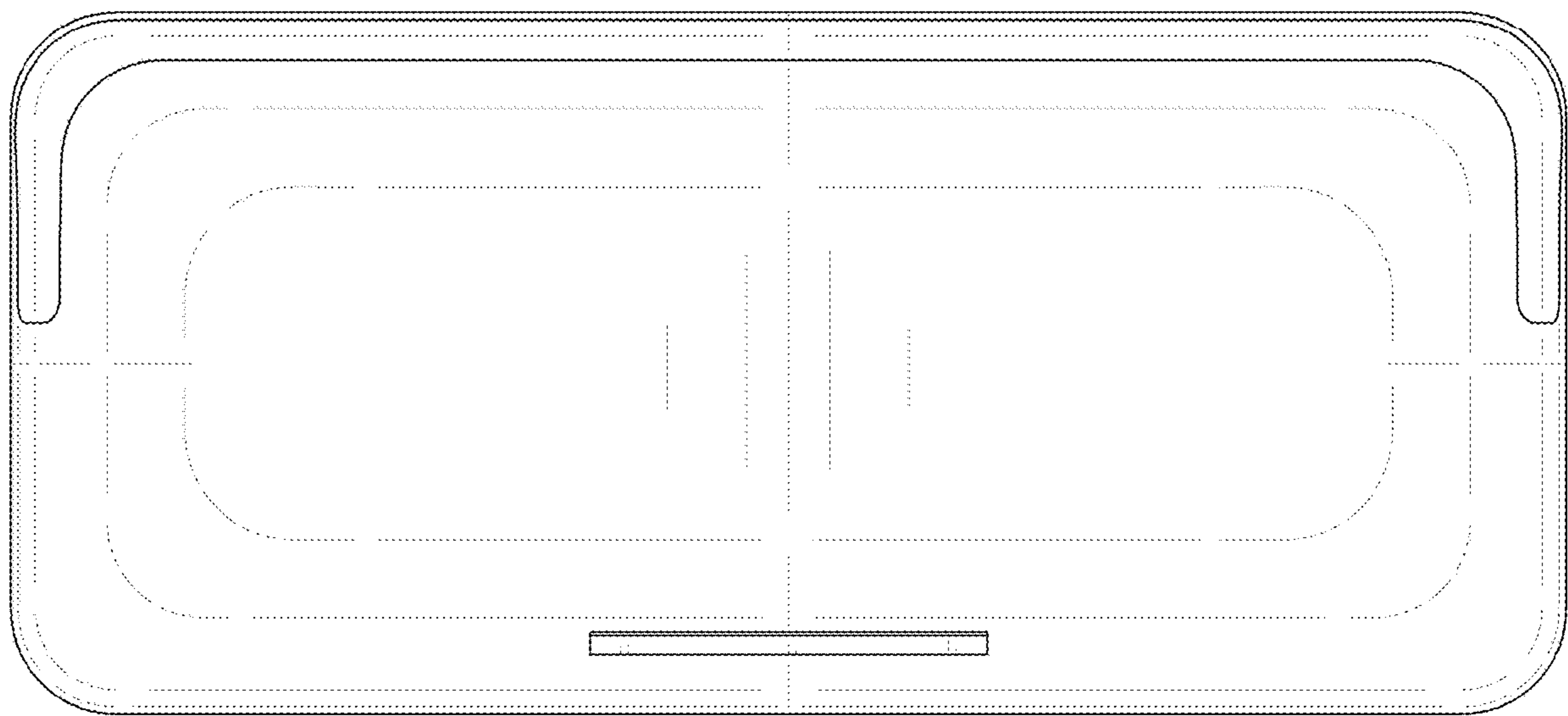


FIG. 4

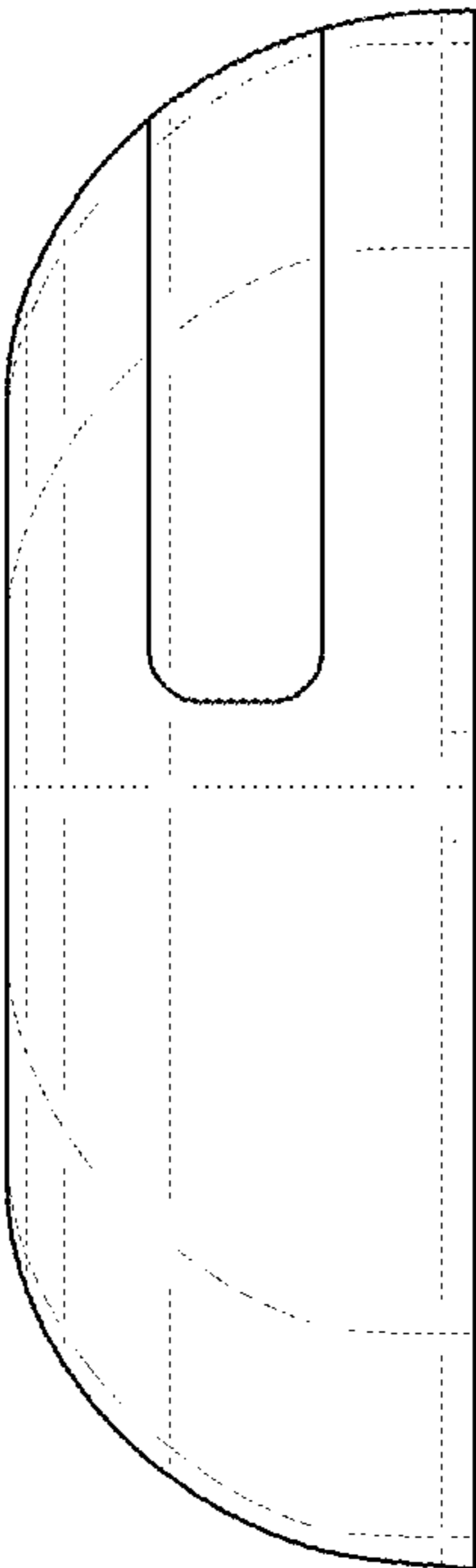


FIG. 5

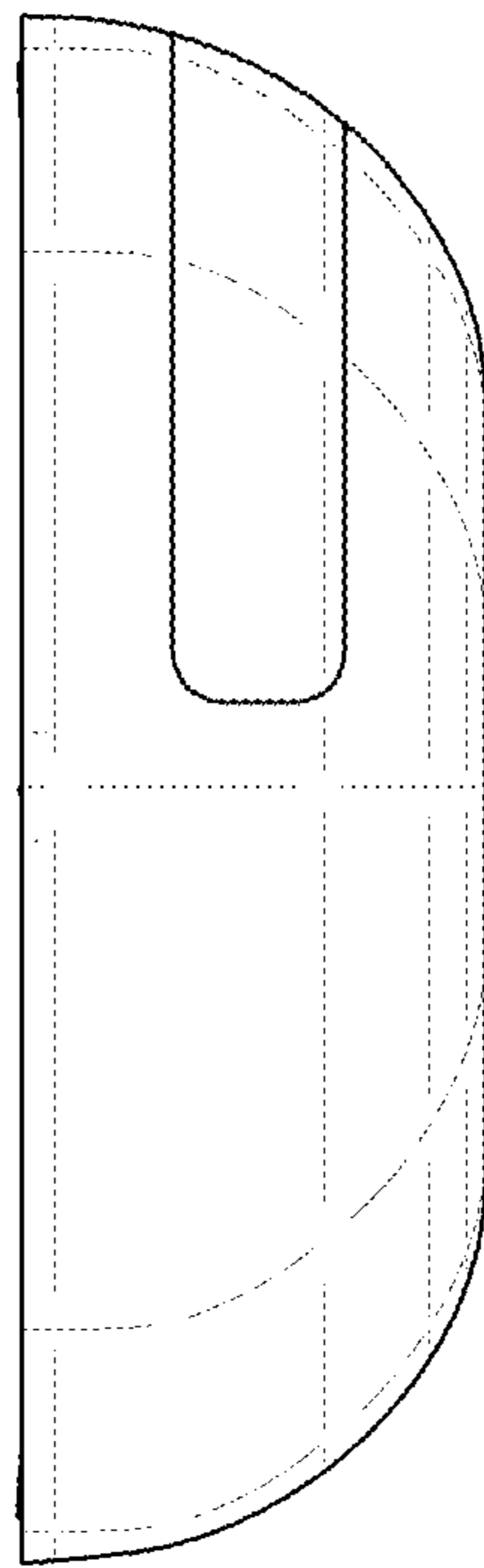


FIG. 6

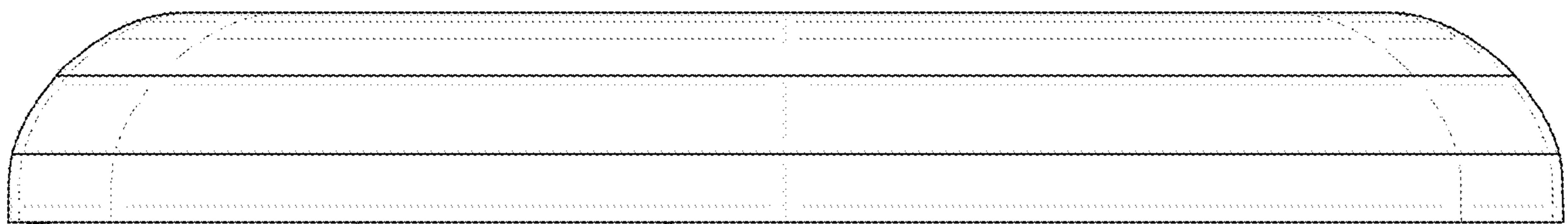




FIG. 7

