



US00D934246S

(12) **United States Design Patent**
Ge et al.

(10) **Patent No.:** **US D934,246 S**

(45) **Date of Patent:** **** Oct. 26, 2021**

(54) **TWO-IN-ONE VIRTUAL REALITY
CONTROLLER WITH MOUSE**

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

(21) Appl. No.: **29/731,735**

(22) Filed: **Apr. 17, 2020**

(51) **LOC (13) Cl.** **14-02**

(52) **U.S. Cl.**
USPC **D14/388**; D14/408; D21/333

(58) **Field of Classification Search**
USPC D14/388, 389, 390, 396, 397, 398, 399,
D14/400, 401, 454, 455, 356, 357, 496,
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D338,881 S * 8/1993 Soma D14/408
D368,475 S * 4/1996 Scott D14/218
(Continued)

OTHER PUBLICATIONS

Controllers. (Design—© Questel) orbit.com. [online PDF of Foreign references] 98 pgs. Print Dates range Nov. 13, 2013-Dec. 4, 2020 [Retrieved Jun. 3, 2021] <https://www.orbit.com/export/QPTUJ214/pdf2/3864af34-685a-4af5-a993-2b93d1125dac-222504.pdf>.*

(Continued)

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(57) **CLAIM**

The ornamental design for a “two-in-one virtual reality controller with mouse”, as shown and described.

DESCRIPTION

FIG. 1 is a top, front, and left side perspective view of a two-in-one virtual reality controller with mouse showing our new design;

FIG. 2 is a bottom, front, and right side perspective view of the two-in-one virtual reality controller with mouse;

FIG. 3 is a front view of the two-in-one virtual reality controller with mouse;

FIG. 4 is a rear view of the two-in-one virtual reality controller with mouse;

FIG. 5 is a left side view of the two-in-one virtual reality controller with mouse;

FIG. 6 is a right side view of the two-in-one virtual reality controller with mouse;

FIG. 7 is a top view of the two-in-one virtual reality controller with mouse;

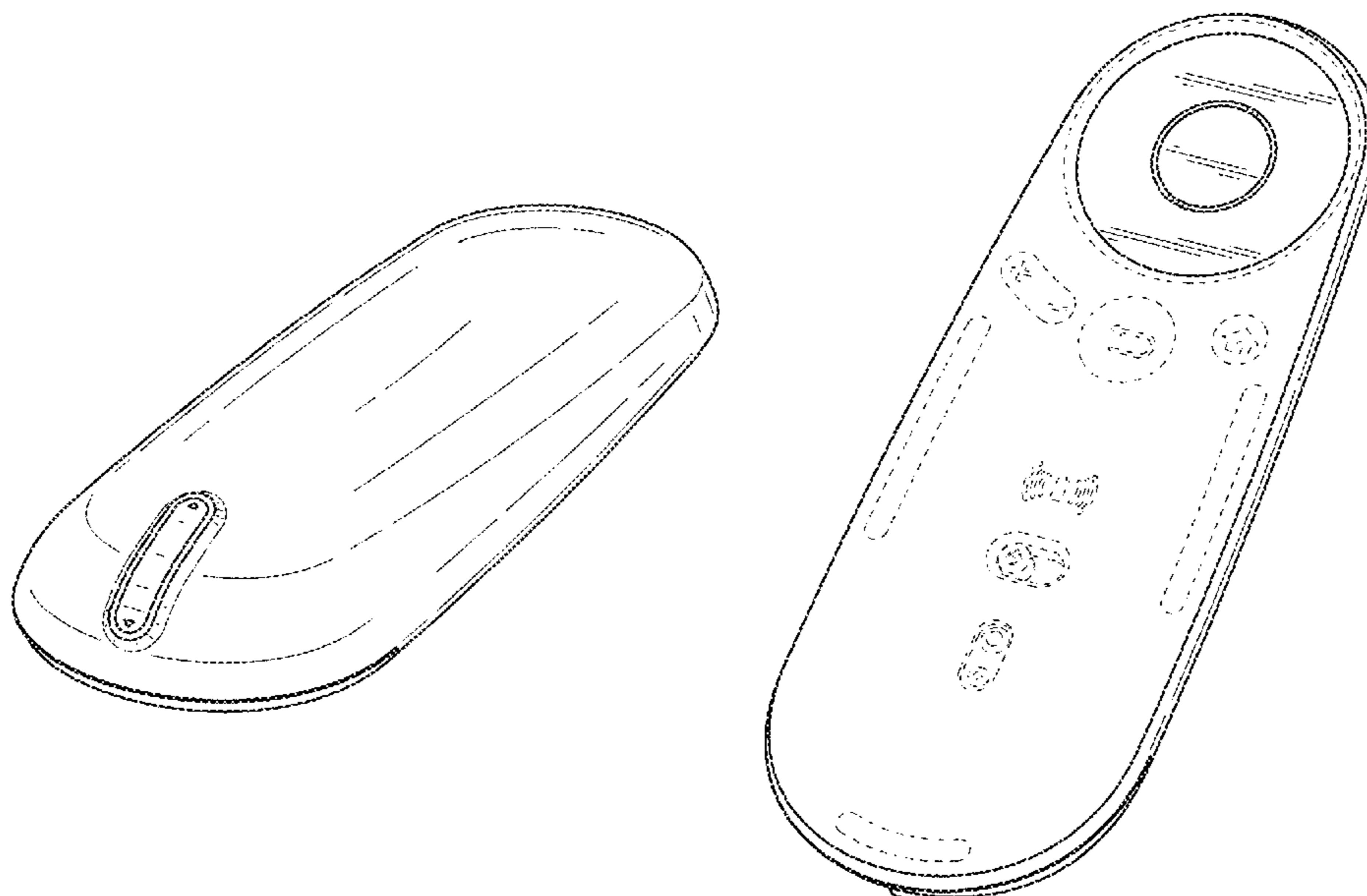
FIG. 8 is a bottom view of the two-in-one virtual reality controller with mouse;

FIG. 9 is a top view of the two-in-one virtual reality controller with mouse as shown in FIG. 7 being used by a hand of a user; and,

FIG. 10 is a bottom, front, and right side perspective view of the two-in-one virtual reality controller with mouse as shown in FIG. 2 being used by the hand of the user.

The broken lines in FIGS. 9, and 10 showing a right hand depict environment only and form no part of the claim; while all other broken lines depict portions of the two-in-one virtual reality controller with mouse that form no part of the claimed design. It should be understood that the two-in-one virtual reality controller with mouse may also be used by a left hand of the user. In FIGS. 2 and 10, the unshaded portions between the broken lines and the solid lines form no part of the claimed design.

1 Claim, 4 Drawing Sheets



(58) **Field of Classification Search**
 USPC D14/217, 218, 239, 168, 402, 408;
 D21/324–333, 566; D13/162, 162.1, 163,
 D13/168
 CPC G06F 1/169
 See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D374,438 S * 10/1996 Gilliam D14/408
 D380,473 S * 7/1997 Otani D14/218
 D383,134 S * 9/1997 Patton D14/218
 D433,403 S * 11/2000 Backs D14/218
 D433,404 S * 11/2000 Thakur D14/218
 D436,962 S * 1/2001 Varga D14/402
 D452,520 S * 12/2001 Gotham D13/168
 D454,568 S * 3/2002 Andre D14/402
 D479,712 S * 9/2003 Ng D14/203.3
 D483,765 S * 12/2003 Ma D14/408
 D486,144 S * 2/2004 Esslinger D14/218
 D487,065 S * 2/2004 Murray D13/168
 D493,150 S * 7/2004 Murtaugh D13/168
 D496,031 S * 9/2004 Ma D10/104.1
 D502,929 S * 3/2005 Copeland D13/168
 D506,199 S * 6/2005 Huang D14/402
 D506,982 S * 7/2005 Murtaugh D13/168
 D511,750 S * 11/2005 Badarello D13/168
 D512,027 S * 11/2005 Sarasjoki D13/168
 D514,526 S * 2/2006 Chen D13/168
 D521,003 S * 5/2006 Shimizu D14/402
 D540,882 S * 4/2007 Crook D14/412
 D550,168 S * 9/2007 Chang D13/168
 D553,621 S * 10/2007 Shimizu D14/408
 D569,814 S * 5/2008 Ikeda D13/168
 D570,792 S * 6/2008 Leung D13/168
 D570,793 S * 6/2008 Ikeda D13/168
 D571,305 S * 6/2008 Thursfield D13/168
 D578,993 S * 10/2008 Yamada D14/159
 D586,301 S * 2/2009 Corsini D13/168
 7,501,597 B2 * 3/2009 Voltz B64D 11/0641
 200/298
 D594,065 S * 6/2009 Oikawa D14/412
 D594,067 S * 6/2009 Oikawa D14/412
 D595,267 S * 6/2009 Dozoretz D14/218
 D600,228 S * 9/2009 Finney D14/138 AC
 D620,456 S * 7/2010 Akana D13/168
 D633,478 S * 3/2011 Bolton D14/218
 D688,232 S * 8/2013 Zhang D14/218
 D693,333 S * 11/2013 Joe D14/218

D696,668 S * 12/2013 Chen D14/402
 D697,057 S * 1/2014 Kwon D14/218
 D704,167 S * 5/2014 Akana D14/218
 D714,762 S * 10/2014 O'Neil D14/218
 D720,304 S * 12/2014 Haug D13/168
 D742,361 S * 11/2015 Choi D14/218
 D746,266 S * 12/2015 Kwon D14/218
 D749,547 S * 2/2016 Chandel D14/218
 D752,555 S * 3/2016 Langhammer D14/218
 D758,352 S * 6/2016 Sirpal D14/218
 D763,830 S * 8/2016 Jones D14/218
 D767,568 S * 9/2016 McWilliam D14/358
 D768,605 S * 10/2016 Wong D14/218
 D772,821 S * 11/2016 Bristol D13/168
 D776,640 S * 1/2017 Simonian D14/218
 D789,367 S * 6/2017 Jentz D14/388
 D790,483 S * 6/2017 Yoon D13/168
 D790,484 S * 6/2017 Bristol D13/168
 D796,454 S * 9/2017 Zheng D13/168
 D797,686 S * 9/2017 McRoberts D13/168
 D797,743 S * 9/2017 Awad D14/412
 D798,274 S * 9/2017 Huang D14/218
 D798,275 S * 9/2017 Huang D14/218
 D799,450 S * 10/2017 Lee D14/218
 D801,311 S * 10/2017 Akana D14/218
 9,801,295 B2 * 10/2017 Tompkins H05K 5/03
 D805,482 S * 12/2017 McRoberts D13/168
 D805,484 S * 12/2017 Bristol D13/168
 D808,454 S * 1/2018 Seflic D16/200
 D813,203 S * 3/2018 Hardi D14/218
 D820,263 S * 6/2018 Rebello D14/426
 D827,613 S * 9/2018 Seo D14/218
 D828,337 S * 9/2018 Li D14/218
 D844,608 S * 4/2019 Chen D14/388
 D863,446 S * 10/2019 Bristol D21/333
 D868,038 S * 11/2019 Chen D14/218
 D880,456 S * 4/2020 Russo D14/218
 D884,700 S * 5/2020 Shao D14/412
 D889,419 S * 7/2020 Gossens D13/168
 D901,496 S * 11/2020 Hachiya D14/358
 D909,994 S * 2/2021 Bristol D14/218
 2017/0135236 A1 * 5/2017 Tompkins H05K 5/0086

OTHER PUBLICATIONS

Googles Daydream VR initiative—What it is_what it isnt. (online)
 Posted May 19, 2016 [Retrieved Jun. 3, 2021] <https://www.greenbot.com/article/3072659/googles-daydream-vr-initiative-what-it-is-what-it-isnt.html>.*

* cited by examiner

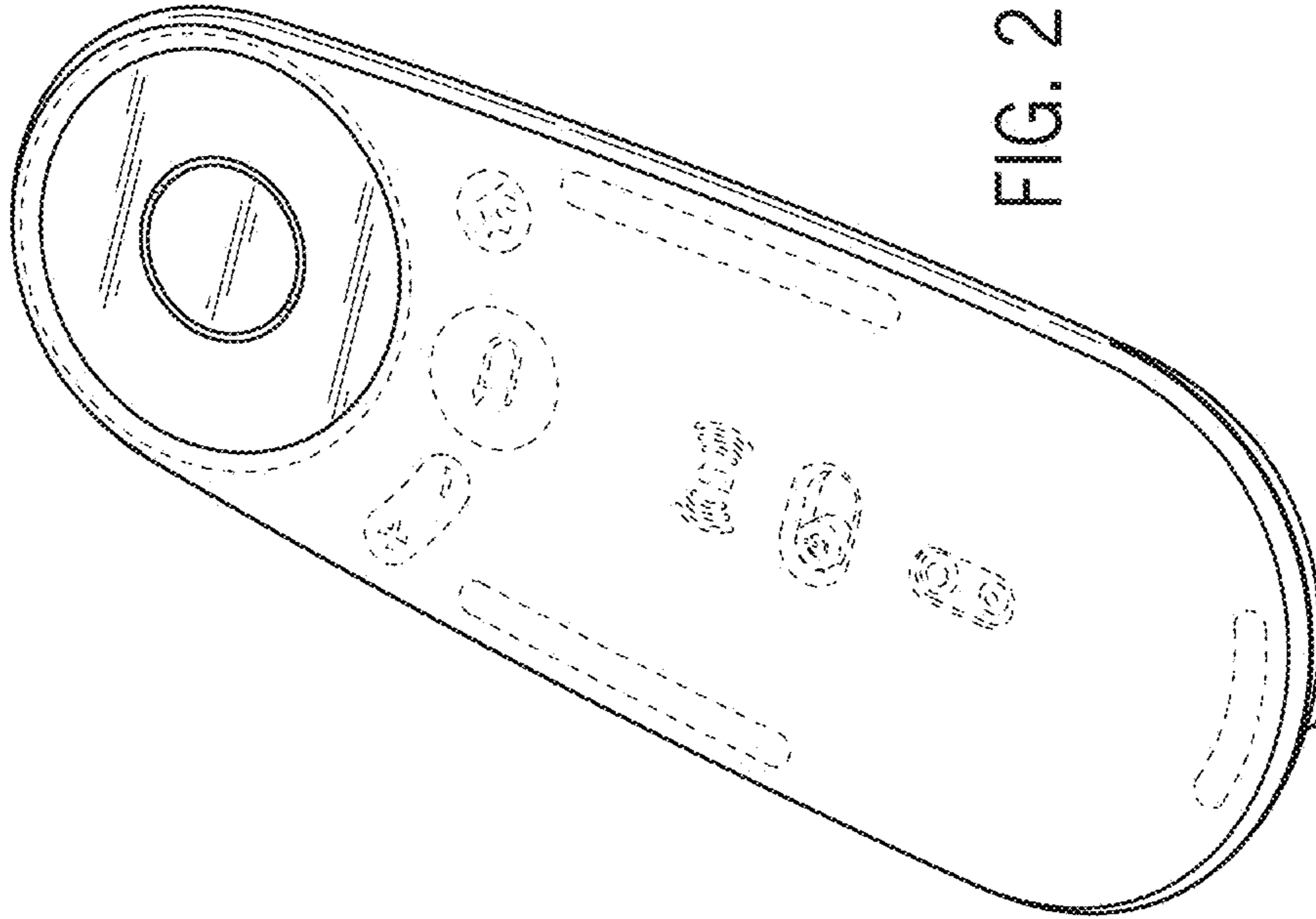


FIG. 2

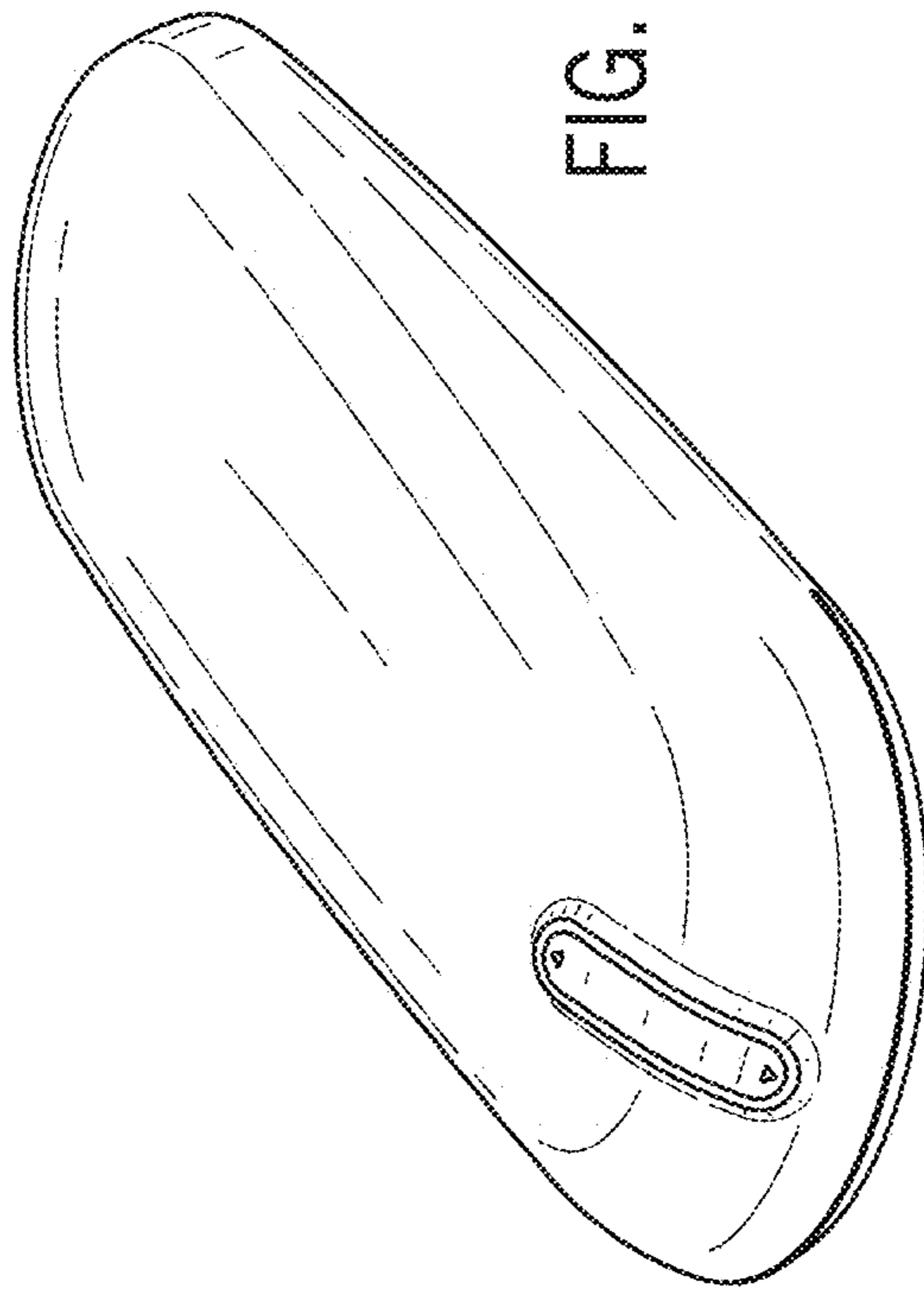


FIG. 1

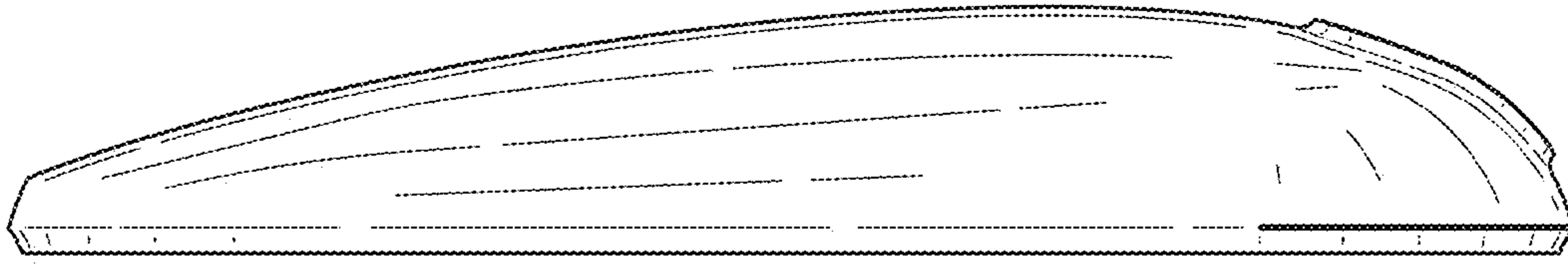


FIG. 6

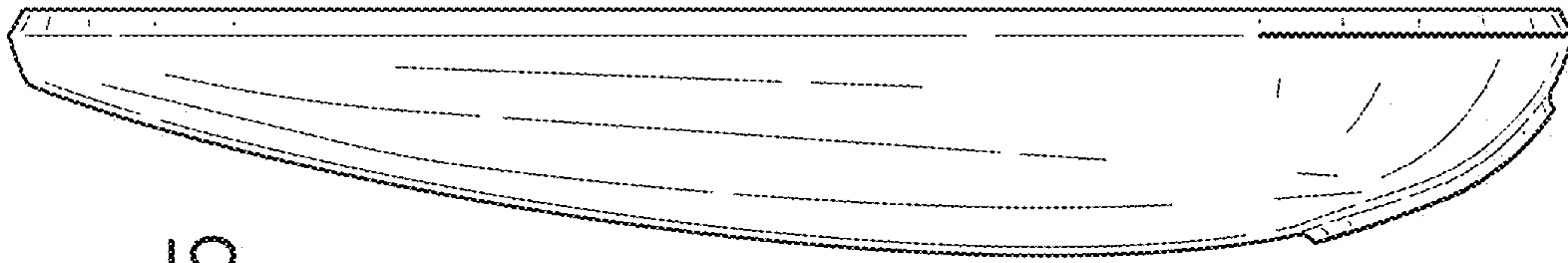


FIG. 5

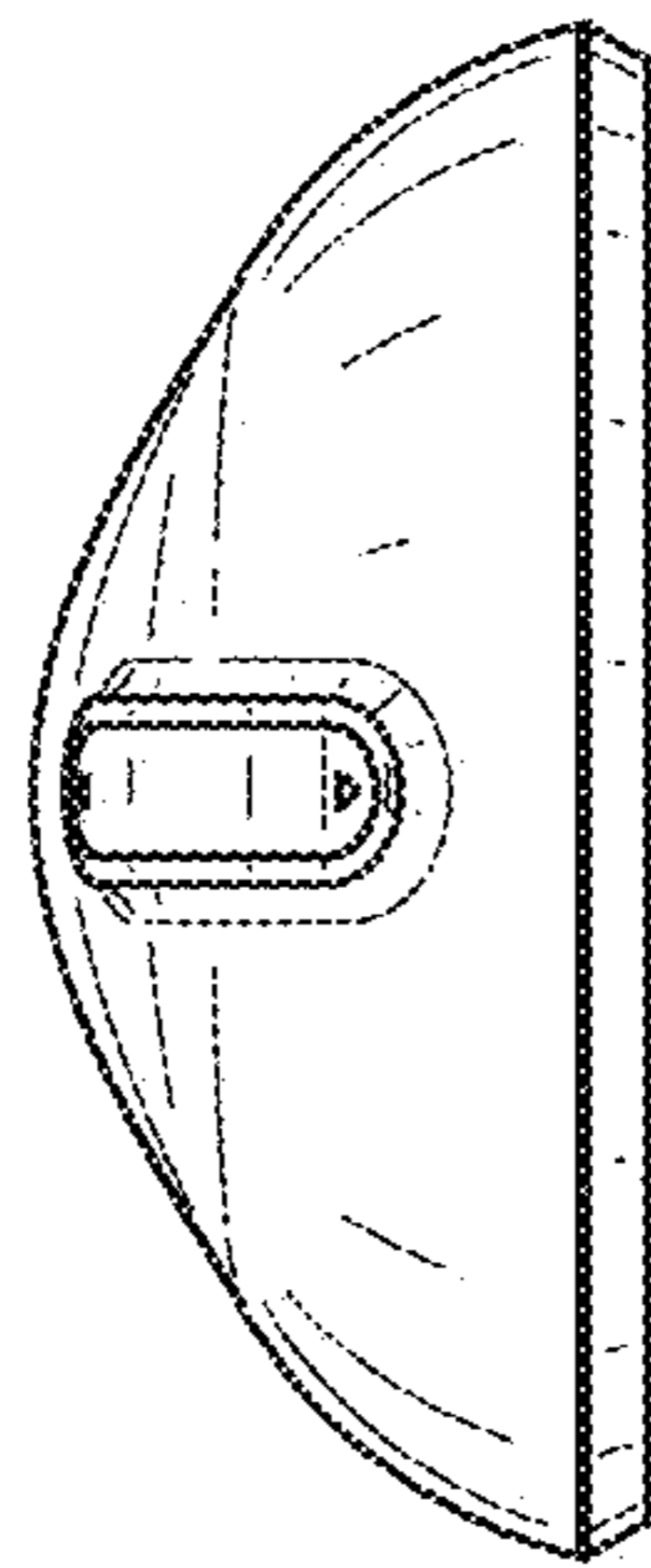


FIG. 3

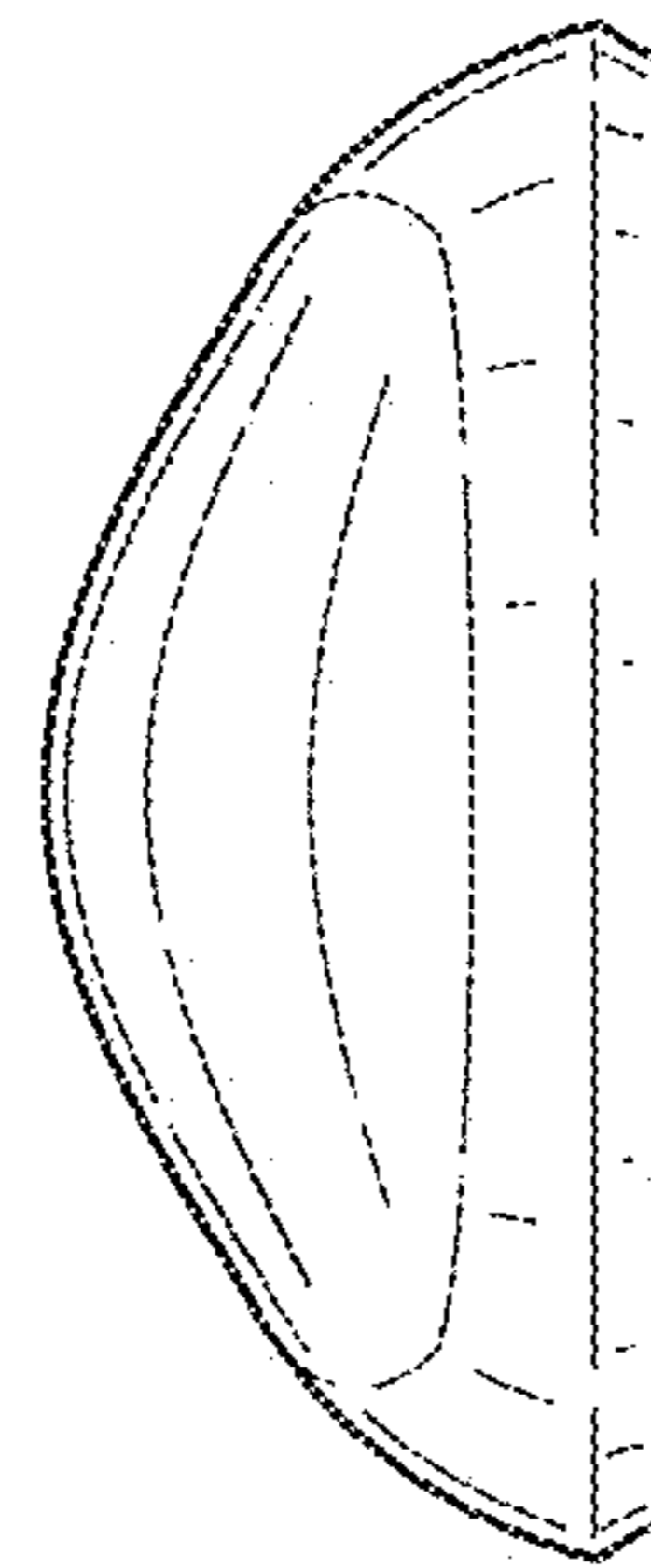


FIG. 4

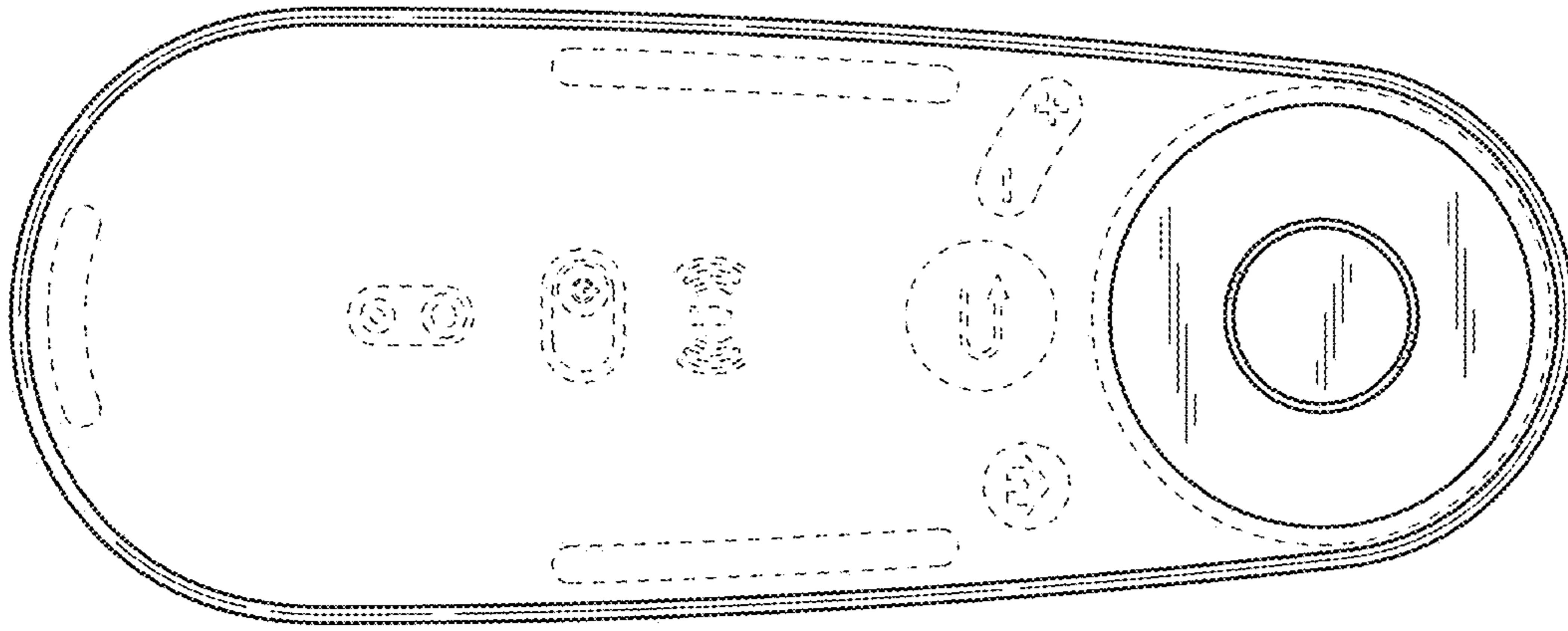


FIG. 8

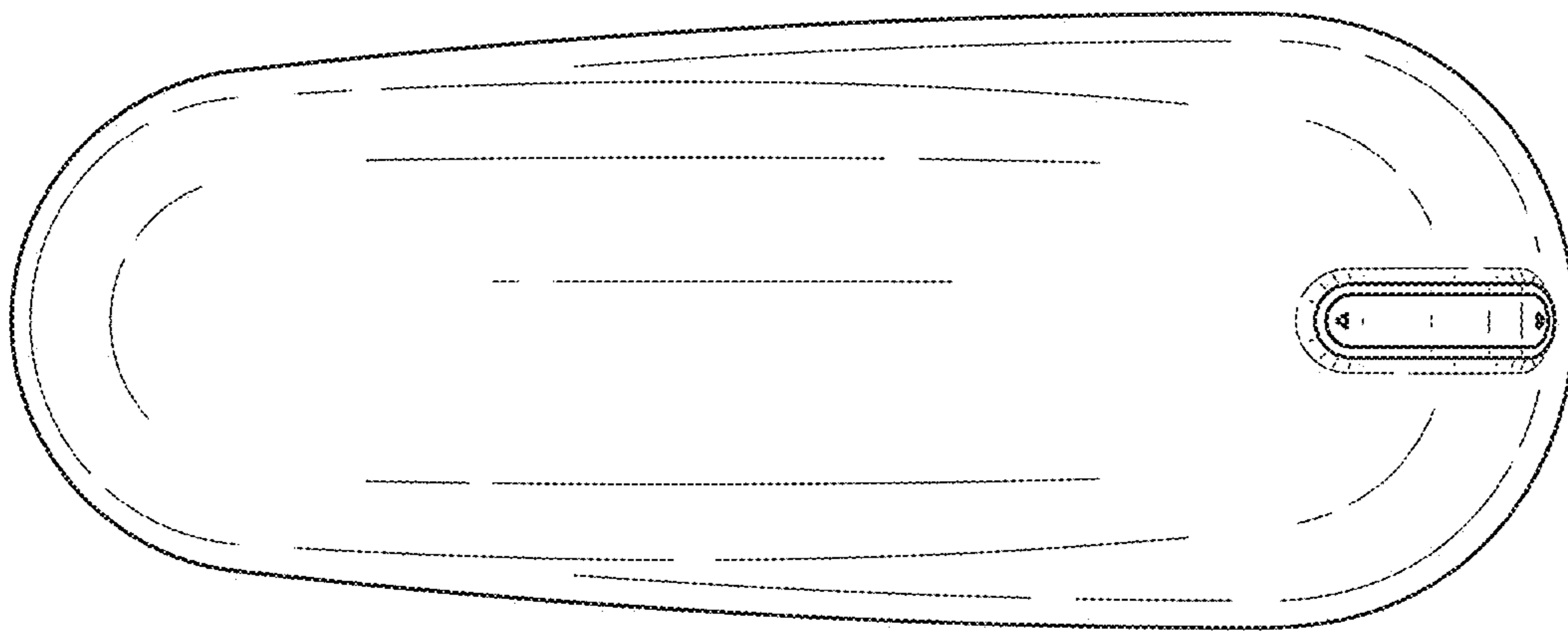


FIG. 7

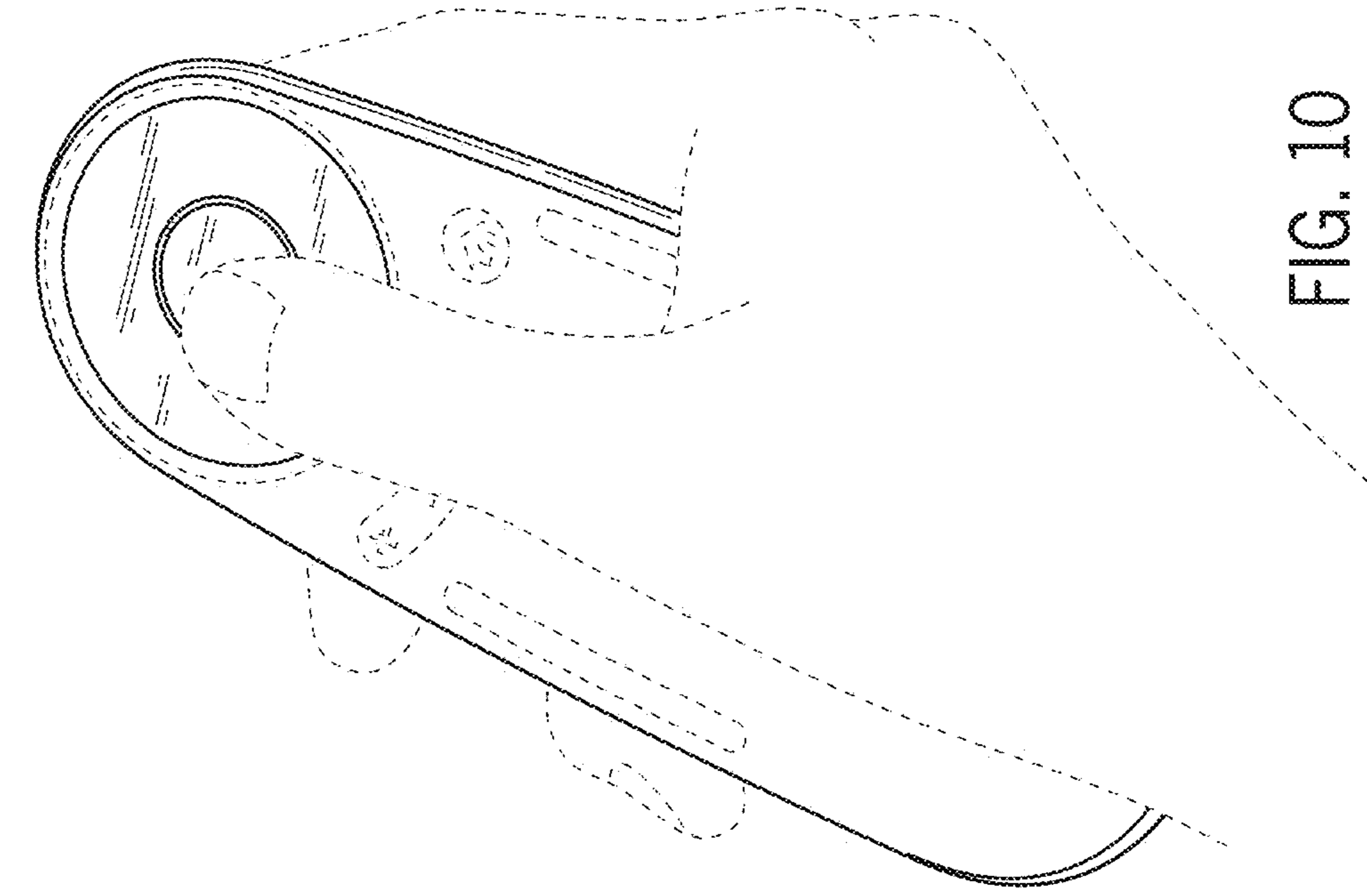


FIG. 10

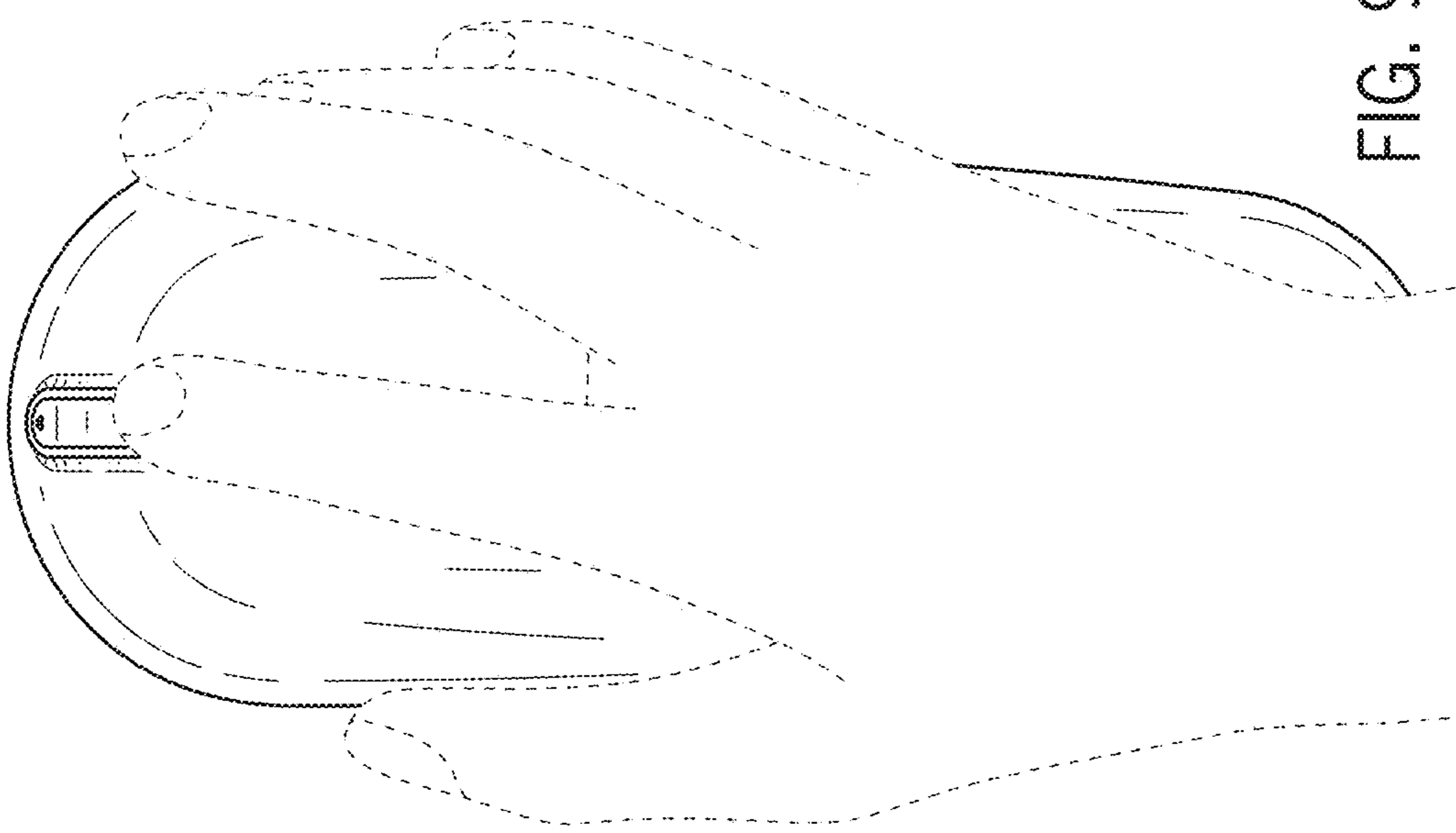


FIG. 9