



US00D946071S

(12) **United States Design Patent**  
**Muhlenkamp, IV et al.**

(10) **Patent No.:** **US D946,071 S**  
(45) **Date of Patent:** **\*\* Mar. 15, 2022**

(54) **CAMERA HOUSING**

(71) Applicant: **GoPro, Inc.**, San Mateo, CA (US)

(72) Inventors: **John George Muhlenkamp, IV**,  
Brisbane, CA (US); **Alex DeStasio**, San  
Francisco, CA (US); **Bessy Liang**, San  
Jose, CA (US); **Huy Phuong Nguyen**,  
San Mateo, CA (US)

(73) Assignee: **GoPro, Inc.**, San Mateo, CA (US)

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

(21) Appl. No.: **29/740,014**

(22) Filed: **Jun. 30, 2020**

(51) **LOC (13) Cl.** ..... **16-01**

(52) **U.S. Cl.**  
USPC ..... **D16/200**

(58) **Field of Classification Search**  
USPC ..... D16/200, 202–204, 208, 211, 218, 219,  
D16/237, 242; D3/263, 267, 268;  
(Continued)

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

679,881 A 8/1901 Bullard  
1,467,556 A 9/1923 Nagel  
(Continued)

**FOREIGN PATENT DOCUMENTS**

CN 302944108 5/2014  
CN 303933789 6/2016  
GB 4034453 3/2014

**OTHER PUBLICATIONS**

Action Video Suction Cup. [online] Published date Oct. 23, 2014.  
Retrieved on Nov. 2, 2016 from <URL: <<https://www.amazon.com/Suction-Locking-JOBY-Easy-Anti-Vibration-Cameras/dp/>

B0008R7A72/ref=pdsim 421 2? encoding=UTF8&pd rd  
i=B0008R7A72&pd rd r=AGCVZH2ZHQKHT5BBX2GZ&pdrd\_  
w=7Jkpc&pdrd\_wg=OMkYF&psc=1&refRID=  
AGCVZH2ZHQKHT5BBX2GZ>. (9 pages).

(Continued)

*Primary Examiner* — Ramzi Almatrahi  
(74) *Attorney, Agent, or Firm* — Young Basile Hanlon &  
MacFarlane, P.C.

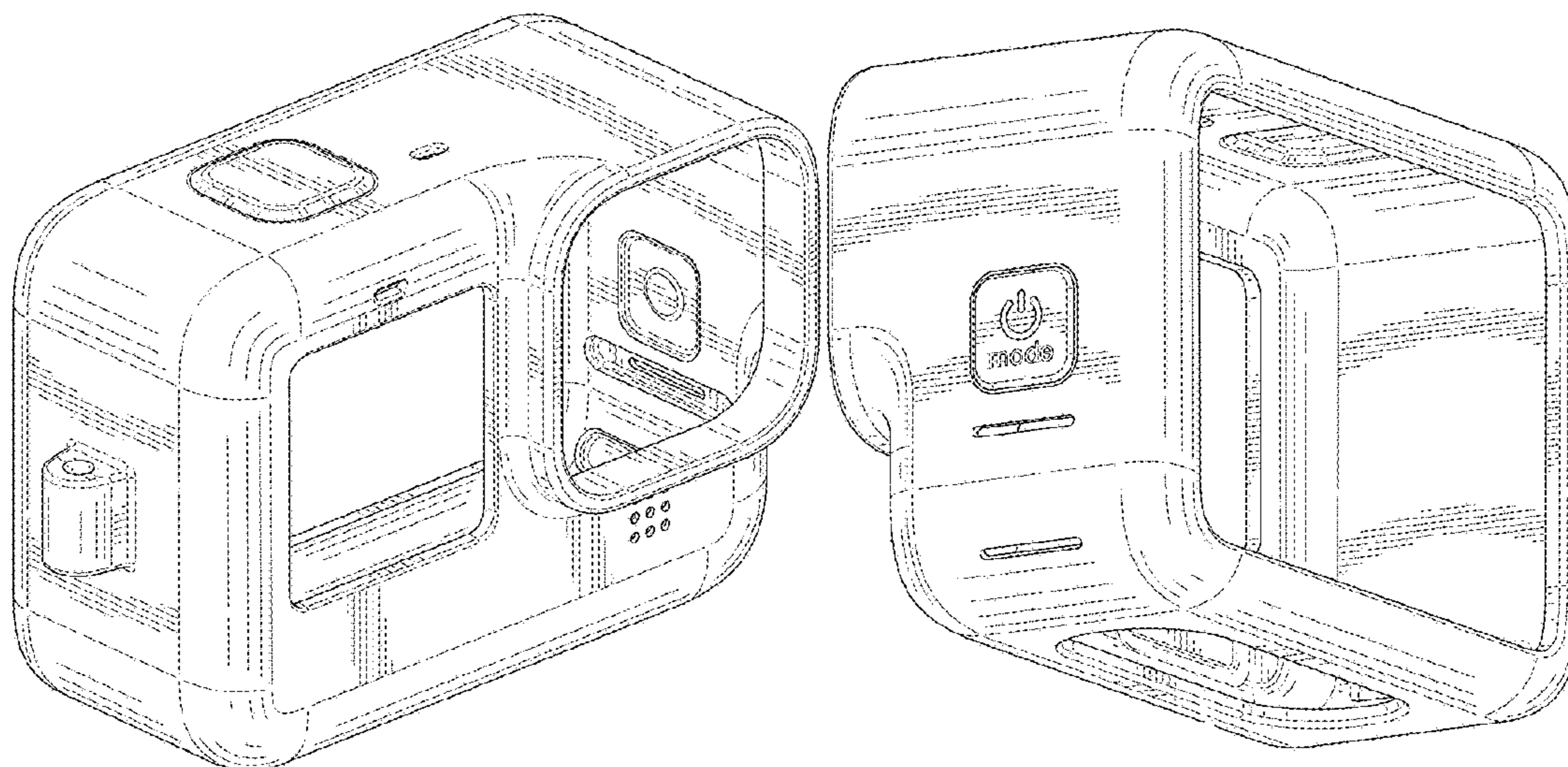
(57) **CLAIM**

The ornamental design for a camera housing, as shown and  
described.

**DESCRIPTION**

FIG. 1 is a top, front and left side perspective view of a  
camera housing showing our new design;  
FIG. 2 is a bottom, rear and right side perspective view  
thereof;  
FIG. 3 is a front elevation view thereof;  
FIG. 4 is a rear elevation view thereof;  
FIG. 5 is a left side elevation view thereof;  
FIG. 6 is a right side elevation view thereof;  
FIG. 7 is a top plan view thereof;  
FIG. 8 is a bottom plan view thereof;  
FIG. 9 is a top, front and left side perspective view thereof,  
shown in condition of use with a camera disclosed in broken  
lines to illustrate an environment;  
FIG. 10 is a bottom, rear and right side perspective view  
thereof;  
FIG. 11 is a front elevation view thereof;  
FIG. 12 is a rear elevation view thereof;  
FIG. 13 is a left side elevation view thereof;  
FIG. 14 is a right side elevation view thereof;  
FIG. 15 is a top plan view thereof; and,  
FIG. 16 is a bottom plan view thereof.  
The broken lines showing a camera in FIGS. 9-16 represent  
environmental structure and form no part of the claimed  
design.

**1 Claim, 16 Drawing Sheets**



(58) **Field of Classification Search**  
 USPC ..... 248/176.1, 187.1; 348/81, 360, 373–376,  
 348/835; 396/25, 27–29, 419, 535,  
 396/539–541  
 CPC ..... G03B 15/03; G03B 17/02; G03B 17/04;  
 G03B 17/08; G03B 17/56; G03B 19/04;  
 H04N 5/2251; H04N 5/2252; H04N  
 5/2253; H04N 5/2254; A45C 11/38  
 See application file for complete search history.

D752,671 S 3/2016 Harrison  
 D752,672 S 3/2016 Clearman  
 9,282,226 B2 3/2016 Samuels  
 D754,230 S 4/2016 Mori  
 D755,277 S 5/2016 Shnholz  
 D758,474 S 6/2016 Harrison  
 D759,141 S 6/2016 Bacon  
 D759,145 S 6/2016 Lee  
 D760,309 S 6/2016 Parfitt  
 D760,312 S 6/2016 Lee  
 9,360,742 B1 6/2016 Harrison  
 D762,759 S 8/2016 Wu  
 D763,941 S 8/2016 Smith  
 D768,228 S 10/2016 Muhlenkamp, IV  
 D768,752 S 10/2016 Silver  
 D768,754 S 10/2016 Bennett  
 D769,346 S 10/2016 Nguyen  
 D773,546 S 12/2016 Nguyen  
 D776,738 S 1/2017 Clearman  
 D776,741 S 1/2017 Parfitt  
 D777,239 S 1/2017 Costa  
 D783,079 S 4/2017 Lee  
 D785,068 S 4/2017 Patsis  
 9,635,226 B2 4/2017 Samuels  
 D785,696 S 5/2017 Parfitt  
 D785,697 S 5/2017 Costa  
 D790,000 S 6/2017 Wang  
 D790,002 S 6/2017 Nguyen  
 D800,815 S 10/2017 Clearman  
 9,816,666 B2 11/2017 Wang  
 D806,775 S 1/2018 Nguyen  
 9,880,451 B2 1/2018 Clearman  
 9,894,278 B2 2/2018 Wei  
 9,894,279 B2 2/2018 Wei  
 9,903,533 B2 2/2018 Wei  
 D816,751 S 5/2018 Harrison  
 D819,117 S 5/2018 Lee  
 D827,696 S 9/2018 Crow  
 D827,697 S 9/2018 Crow  
 D846,620 S 4/2019 Katori  
 D848,500 S \* 5/2019 Miyashita ..... D16/200  
 D849,084 S 5/2019 Hu  
 D850,520 S 6/2019 Voss  
 D854,597 S \* 7/2019 Gao ..... D16/202  
 D861,761 S 10/2019 Bergman  
 D867,420 S \* 11/2019 Zhang ..... D16/202  
 D869,539 S 12/2019 Hu  
 D880,567 S 4/2020 Zhang  
 D880,569 S 4/2020 Zhang  
 D888,792 S 6/2020 Luo  
 D890,835 S 7/2020 Nguyen  
 D911,411 S 2/2021 Coster  
 D911,412 S 2/2021 Alberstein  
 D912,120 S 3/2021 Druker  
 D920,419 S 5/2021 Muhlenkamp, IV  
 D921,084 S 6/2021 Muhlenkamp, IV  
 D924,297 S 7/2021 Imai  
 D929,489 S 8/2021 Coster  
 D933,115 S 10/2021 Druker  
 D935,506 S \* 11/2021 Tan ..... D16/200

(56) **References Cited**  
 U.S. PATENT DOCUMENTS

1,612,277 A 12/1926 Leo  
 2,336,104 A 12/1943 Laube  
 4,341,452 A 7/1982 Korling  
 D265,829 S 8/1982 Shimoda  
 4,646,141 A 2/1987 Timmermans  
 4,763,151 A 8/1988 Klinger  
 D298,760 S 11/1988 Yoshida  
 5,092,552 A 3/1992 Dayton  
 5,325,139 A 6/1994 Matsumoto  
 D349,126 S 7/1994 Lee  
 5,353,079 A 10/1994 Sakai  
 5,576,781 A 11/1996 Deleeuw  
 5,738,321 A 4/1998 Moriyasu  
 D441,386 S 5/2001 Yamazaki  
 D469,338 S 1/2003 Chace  
 D491,968 S 6/2004 Isshiki  
 D492,953 S 7/2004 Mitsuse  
 D499,131 S 11/2004 Tania  
 D504,904 S 5/2005 Nagai  
 D515,121 S 2/2006 Bleau  
 D550,741 S 9/2007 Vernon  
 D563,486 S 3/2008 Slater  
 D582,955 S 12/2008 Sekine  
 7,537,399 B2 5/2009 Mayumi  
 D594,050 S 6/2009 Grtner  
 7,621,680 B2 11/2009 Frick  
 D616,480 S 5/2010 Ookawa  
 8,014,656 B2 9/2011 Woodman  
 D646,313 S 10/2011 Woodman  
 D647,554 S 10/2011 Yim  
 D647,935 S 11/2011 Raken  
 D653,687 S 2/2012 Yu  
 D657,808 S 4/2012 Woodman  
 D674,428 S 1/2013 Woodman  
 D684,569 S 6/2013 Willenborg  
 8,467,675 B2 6/2013 Chen  
 D692,507 S 10/2013 Meys  
 8,544,643 B2 10/2013 Yim  
 8,596,890 B2 12/2013 Yim  
 D699,276 S 2/2014 Samuels  
 D699,277 S 2/2014 Samuels  
 D702,747 S 4/2014 Woodman  
 8,718,457 B2 5/2014 Clark  
 D706,603 S 6/2014 Kokawa  
 D710,921 S 8/2014 Gioscia  
 D710,922 S 8/2014 Gioscia  
 8,794,579 B2 8/2014 Sturman  
 D722,097 S \* 2/2015 Kim ..... D16/219  
 D724,637 S 3/2015 Samuels  
 D724,638 S 3/2015 Samuels  
 D725,169 S 3/2015 Gioscia  
 D727,387 S 4/2015 Hasegawa  
 9,004,783 B1 4/2015 Woodman  
 D730,423 S 5/2015 Vandenbussche  
 D732,601 S 6/2015 Coyle  
 D737,647 S 9/2015 Elder  
 D739,451 S 9/2015 Gioscia  
 D740,876 S 10/2015 Woodman  
 D745,589 S 12/2015 Lee  
 D749,164 S 2/2016 Racciah  
 D750,146 S 2/2016 Costa  
 D750,680 S 3/2016 Chen  
 D750,687 S 3/2016 Samuels

D773,546 S 12/2016 Nguyen  
 D776,738 S 1/2017 Clearman  
 D776,741 S 1/2017 Parfitt  
 D777,239 S 1/2017 Costa  
 D783,079 S 4/2017 Lee  
 D785,068 S 4/2017 Patsis  
 9,635,226 B2 4/2017 Samuels  
 D785,696 S 5/2017 Parfitt  
 D785,697 S 5/2017 Costa  
 D790,000 S 6/2017 Wang  
 D790,002 S 6/2017 Nguyen  
 D800,815 S 10/2017 Clearman  
 9,816,666 B2 11/2017 Wang  
 D806,775 S 1/2018 Nguyen  
 9,880,451 B2 1/2018 Clearman  
 9,894,278 B2 2/2018 Wei  
 9,894,279 B2 2/2018 Wei  
 9,903,533 B2 2/2018 Wei  
 D816,751 S 5/2018 Harrison  
 D819,117 S 5/2018 Lee  
 D827,696 S 9/2018 Crow  
 D827,697 S 9/2018 Crow  
 D846,620 S 4/2019 Katori  
 D848,500 S \* 5/2019 Miyashita ..... D16/200  
 D849,084 S 5/2019 Hu  
 D850,520 S 6/2019 Voss  
 D854,597 S \* 7/2019 Gao ..... D16/202  
 D861,761 S 10/2019 Bergman  
 D867,420 S \* 11/2019 Zhang ..... D16/202  
 D869,539 S 12/2019 Hu  
 D880,567 S 4/2020 Zhang  
 D880,569 S 4/2020 Zhang  
 D888,792 S 6/2020 Luo  
 D890,835 S 7/2020 Nguyen  
 D911,411 S 2/2021 Coster  
 D911,412 S 2/2021 Alberstein  
 D912,120 S 3/2021 Druker  
 D920,419 S 5/2021 Muhlenkamp, IV  
 D921,084 S 6/2021 Muhlenkamp, IV  
 D924,297 S 7/2021 Imai  
 D929,489 S 8/2021 Coster  
 D933,115 S 10/2021 Druker  
 D935,506 S \* 11/2021 Tan ..... D16/200  
 2002/0046218 A1 4/2002 Gilbert  
 2007/0071423 A1 3/2007 Fantone  
 2008/0152337 A1 6/2008 Gartner  
 2011/0317065 A1 12/2011 Lin  
 2014/0185853 A1 7/2014 Aihara  
 2014/0198932 A1 7/2014 Parkins  
 2014/0226055 A1 8/2014 Schmidt  
 2015/0168815 A1 6/2015 Chen  
 2015/0316835 A1 11/2015 Scott  
 2015/0326748 A1 11/2015 Tisch  
 2016/0004142 A1 1/2016 Zhang  
 2016/0100083 A1 4/2016 Harrison  
 2016/0229556 A1 8/2016 Zhou  
 2016/0246162 A1 8/2016 Niemeyer  
 2017/0059967 A1 3/2017 Harrison  
 2017/0192341 A1 7/2017 Casarez

(56)

**References Cited**

## U.S. PATENT DOCUMENTS

2019/0079373 A1 3/2019 Wang  
 2019/0161208 A1 5/2019 Sun

## OTHER PUBLICATIONS

Google Express IGoPro Karma Harness for HERO4 Black/Silver Camera—AGFHA-001, first reviewed on Mar. 17, 2017, © 2018 Google [online], [site visited Mar. 16, 2018]. Available from Internet, <URL: <https://goo.gl/hugSGv/>> 1 page.

GoPro i Shop i Mounts & Accessories, posted on Nov. 16, 2017, © 2018 GoPro, Inc. [online], [site visited Mar. 16, 2018]. Available from Internet, <URL: <https://shop.gopro.com/mounts-accessories/>> (13 PGS).

GoPro The Frame for HERO5 Black. [online] Published date unknown. Retrieved on Oct. 26, 2016 from <URL: <https://www.bhphotovideo.com/c/product/1274422-REG/gopro.sub.--aafm.sub.--001.sub.--frame.sub.--for.sub.--hero5.html>>. 3 pages.

GoPro, “Karma Stabilizer,” Date Unknown, two pages. [Online] [Retrieved Nov. 2, 2016] Retrieved from the internet <<http://shop.gopro.com/accessories-2/karma-stabilizer/AGMBL-001.html>>. (2 pages).

Linxv i Action Camera Accessories i Action Camera Strap, posted on Jun. 4, 2016, © 2012 Avada [online], [site visited Mar. 16, 2018].

Available from Internet, <URL: <http://www.linxv.com/action-camera-accessories/action-camera-strap/>> (4 PGS).

Silicon Sleeve Cases for the Frame of Your GoPro Hero 5, retrieved from URL: <https://www.amazon.com/Silicone-Sleeve-Cases-Frame-GoPro/dp/B01NCQ3GOY>, retrieved Mar. 30, 2018 (6 pages).

Silicon Sleeve for GoPro Her04 Housing—GOcase, retrieved from URL: <https://www.gocase.com/products/silicon-sleeve-for-gopro-hero4-housing>, retrieved Mar. 30, 2018 (2 pages).

Silicone Sleeve Cases for The Frame of your GoPro Hero 5 (1x Frame / 1x Camera Case, Blue + Black), URL: [https://www.amazon.com/dp/B01MR00OPJ/ref=asc\\_df\\_B01MR00OPJ5357481/?tag=hyprod-20&creative=395033&creativeASIN=B01MR00OPJ&linkCode=df0&hvadid=167139098072&hvpos=1o1&hvnetw=g&hvrand=8248390090609077295&hvpone=&hvptwo=&hvqmt=&hvdev=c&hvdvcmld=&hvlocint=&hvlocphy=1014237&hvtargid=pla-332273337114](https://www.amazon.com/dp/B01MR00OPJ/ref=asc_df_B01MR00OPJ5357481/?tag=hyprod-20&creative=395033&creativeASIN=B01MR00OPJ&linkCode=df0&hvadid=167139098072&hvpos=1o1&hvnetw=g&hvrand=8248390090609077295&hvpone=&hvptwo=&hvqmt=&hvdev=c&hvdvcmld=&hvlocint=&hvlocphy=1014237&hvtargid=pla-332273337114), retrieved Mar. 30, 2018 (6 pages).

Suction Cup & Locking Arm. Online, published date unknown. Retrieved on Jan. 11, 2018 from URL: <https://joby.com/suction-cup-with-locking-arm> (1 page).

The Frame. [online] Published date unknown. Retrieved on Oct. 24, 2016 from <URL: <http://shop.gopro.com/accessories-2/the-frame/ANDFR-302.html>>. 3 pages.

United States Office Action, U.S. Appl. No. 29/548,666, dated Nov. 17, 2016, eight pages.

\* cited by examiner

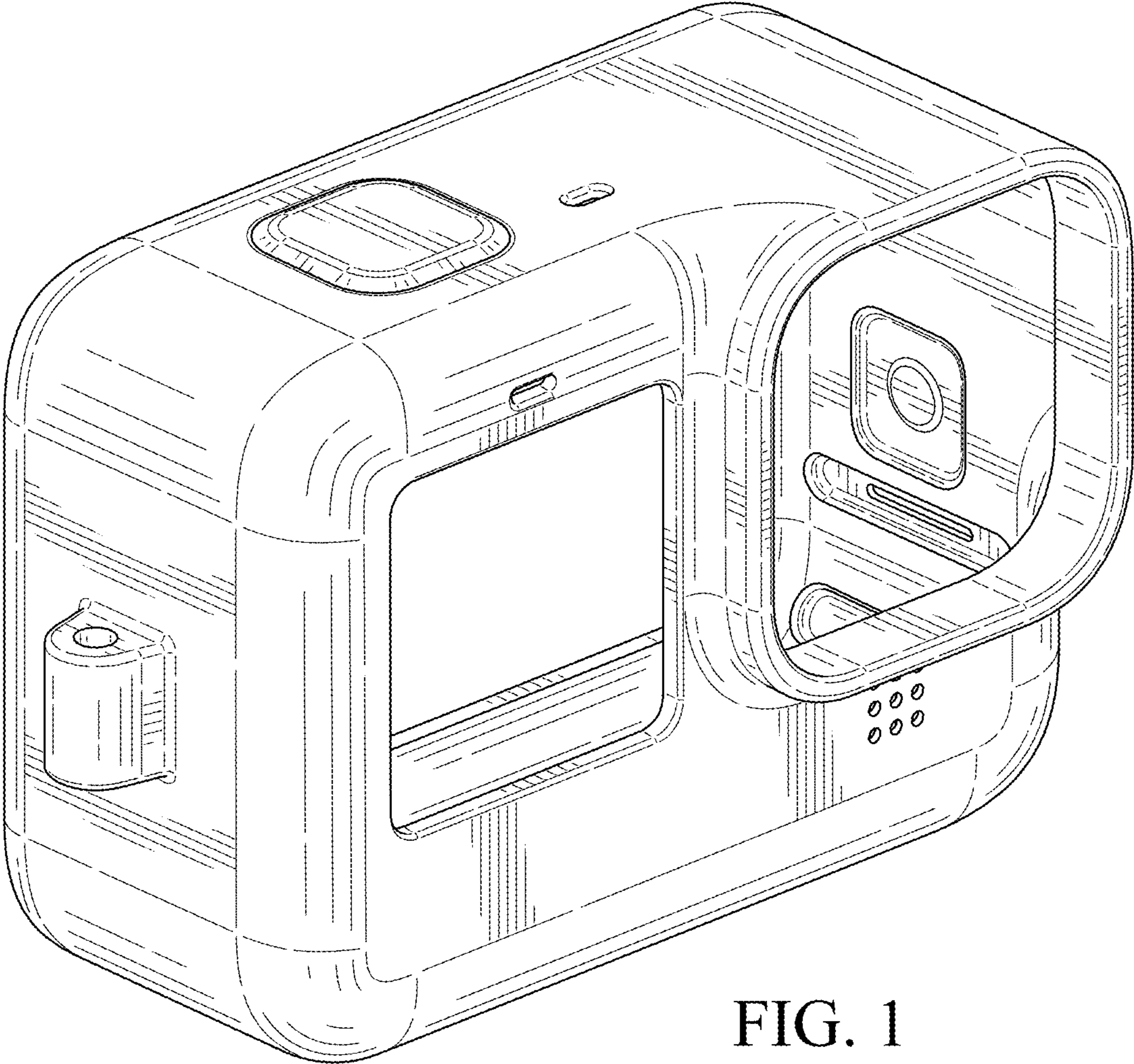


FIG. 1

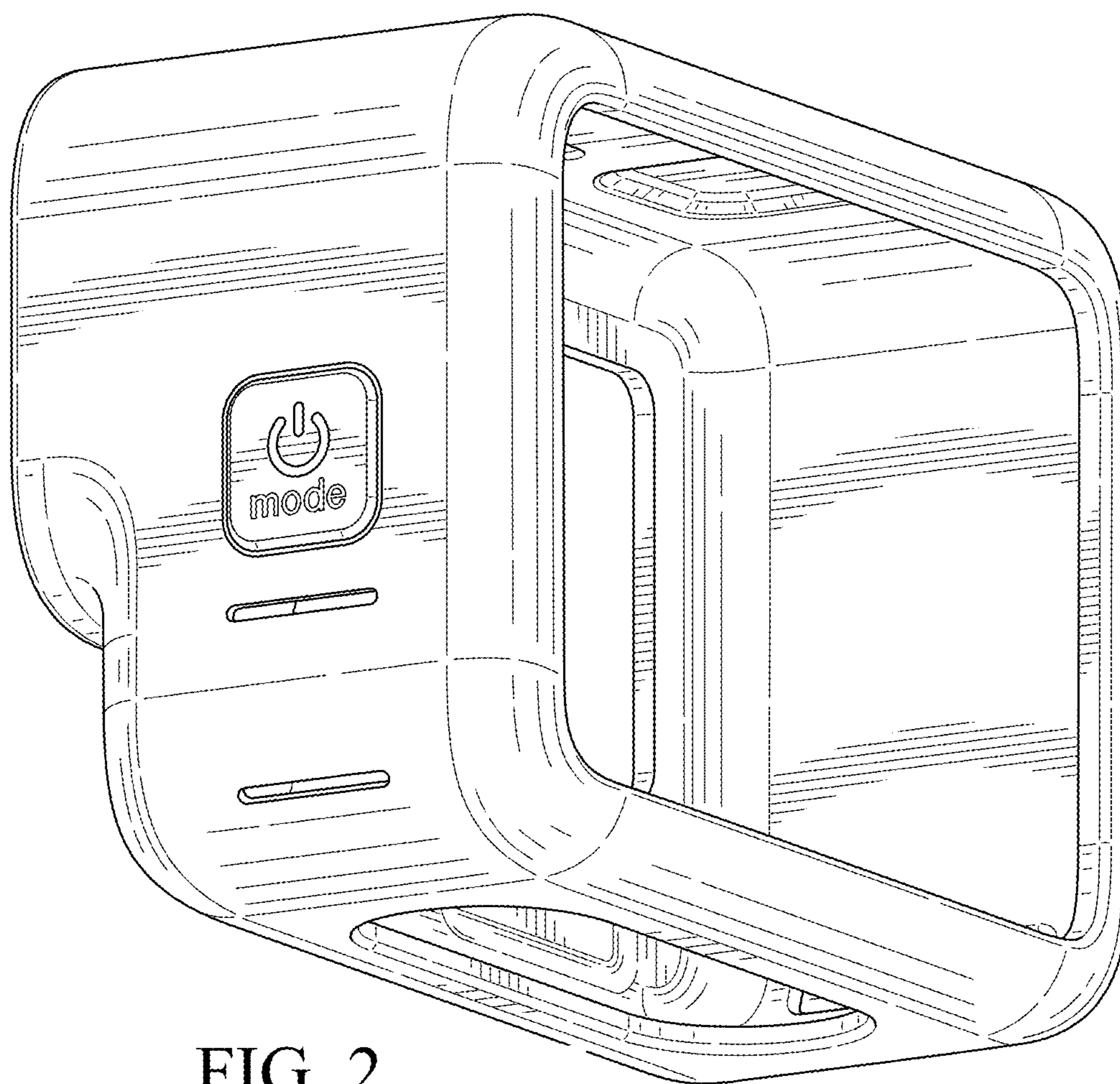


FIG. 2

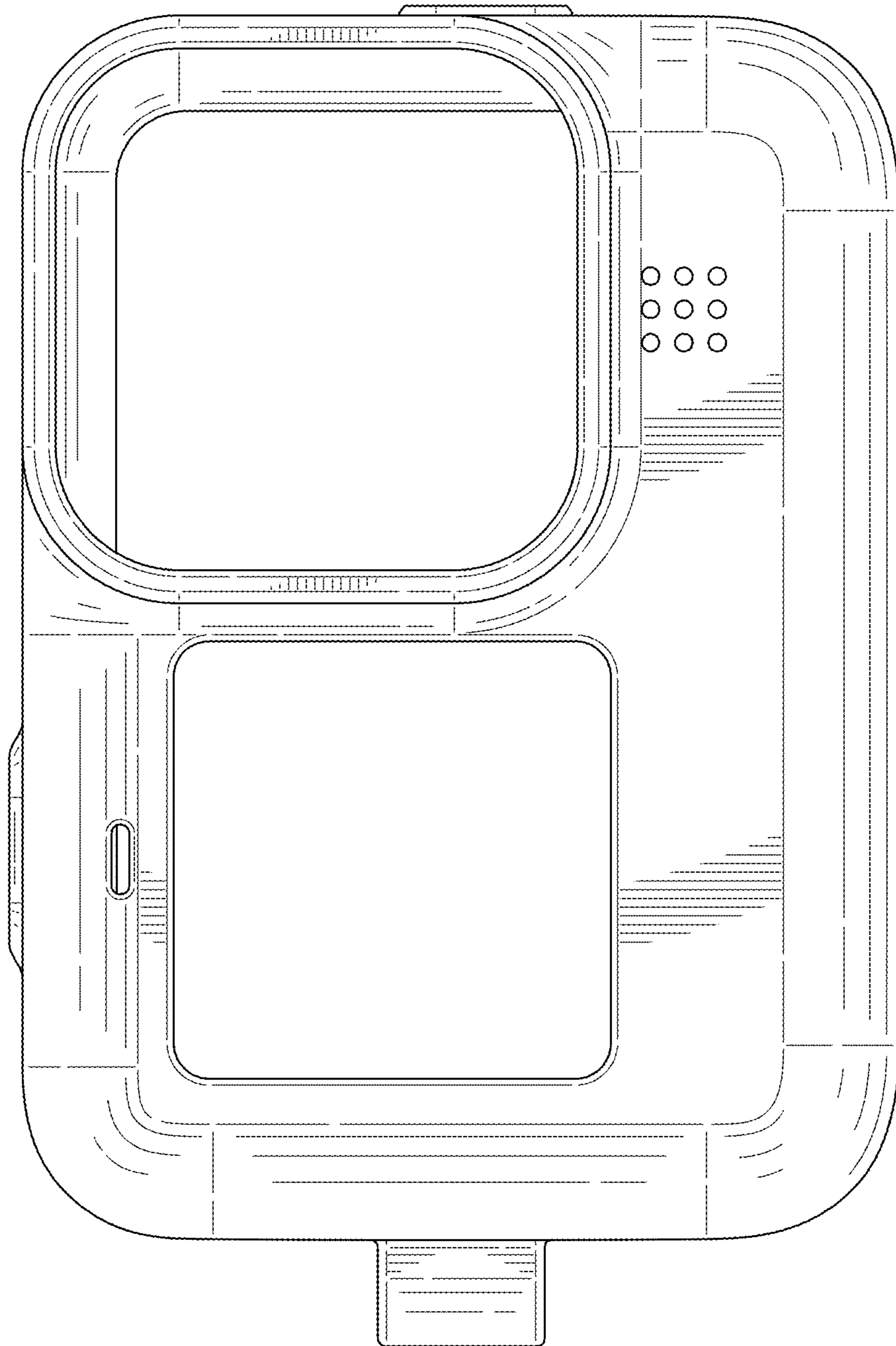


FIG. 3

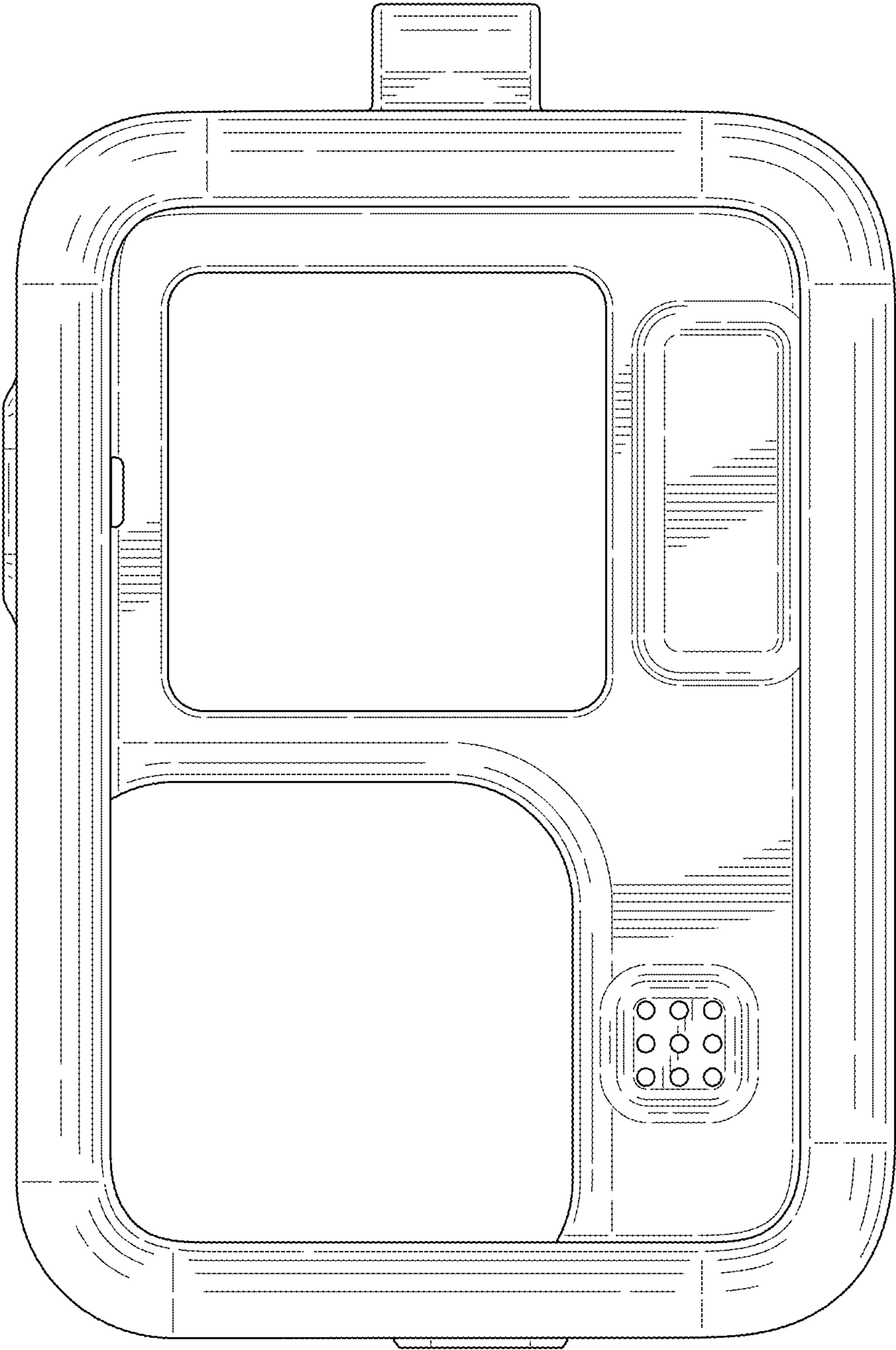


FIG. 4

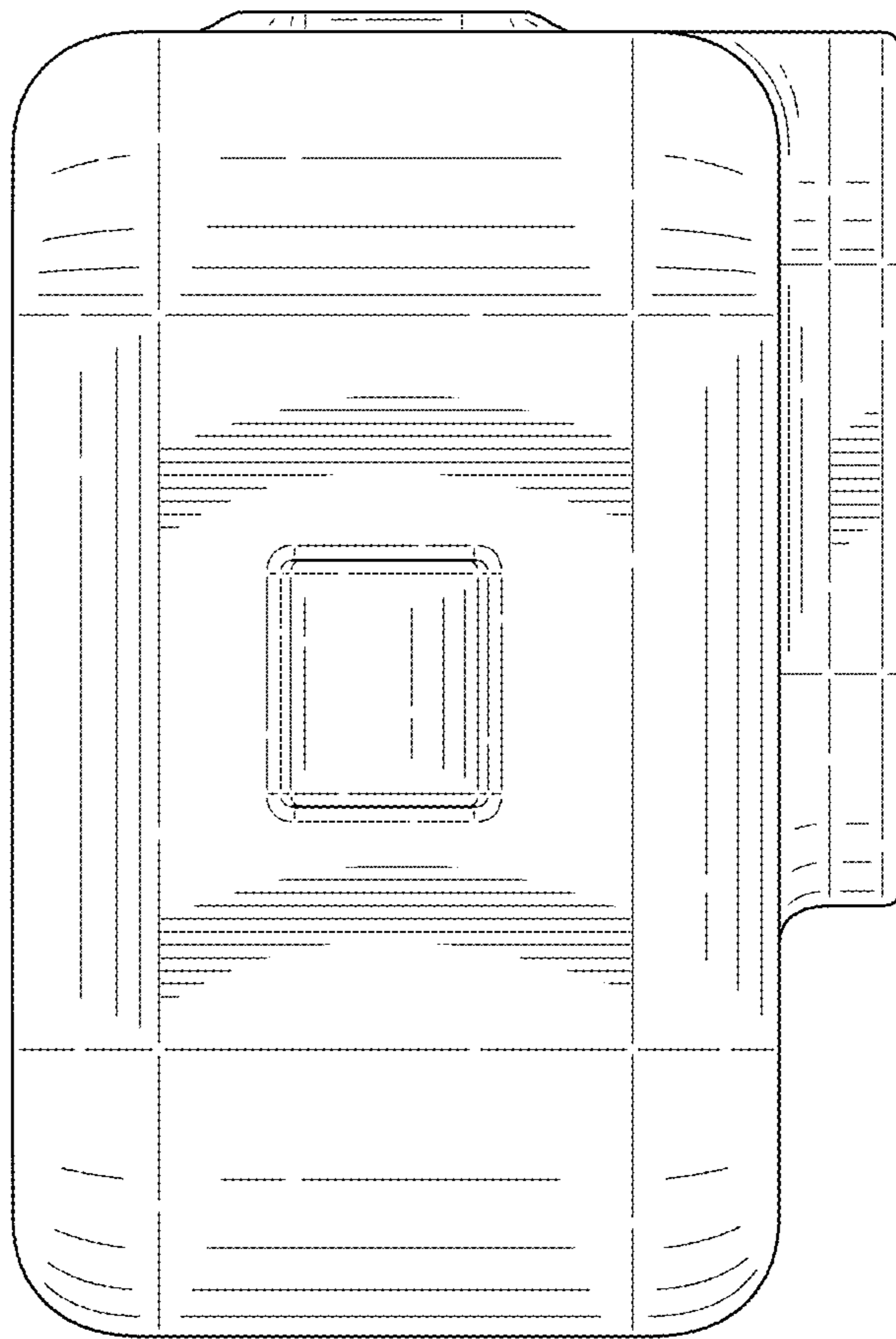


FIG. 5



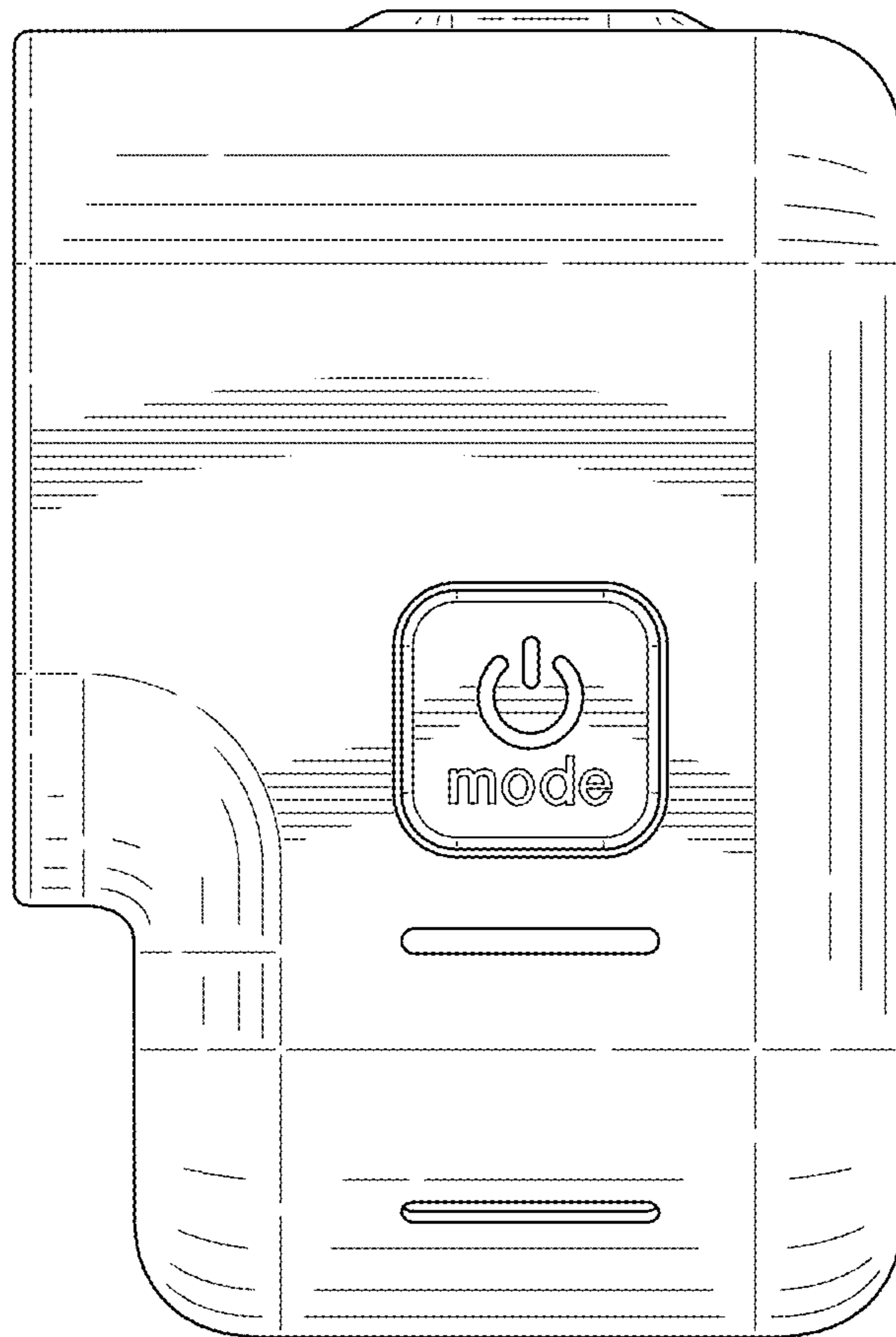


FIG. 6

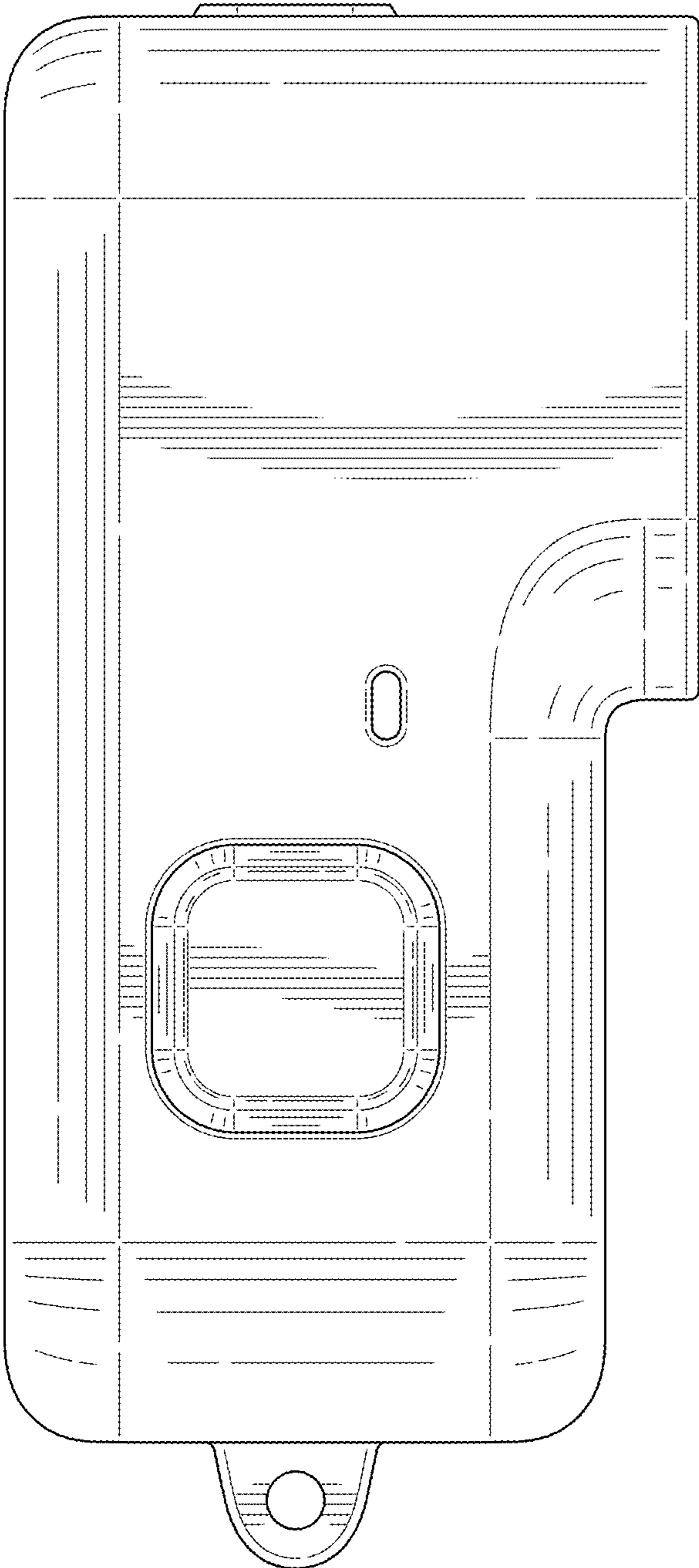


FIG. 7

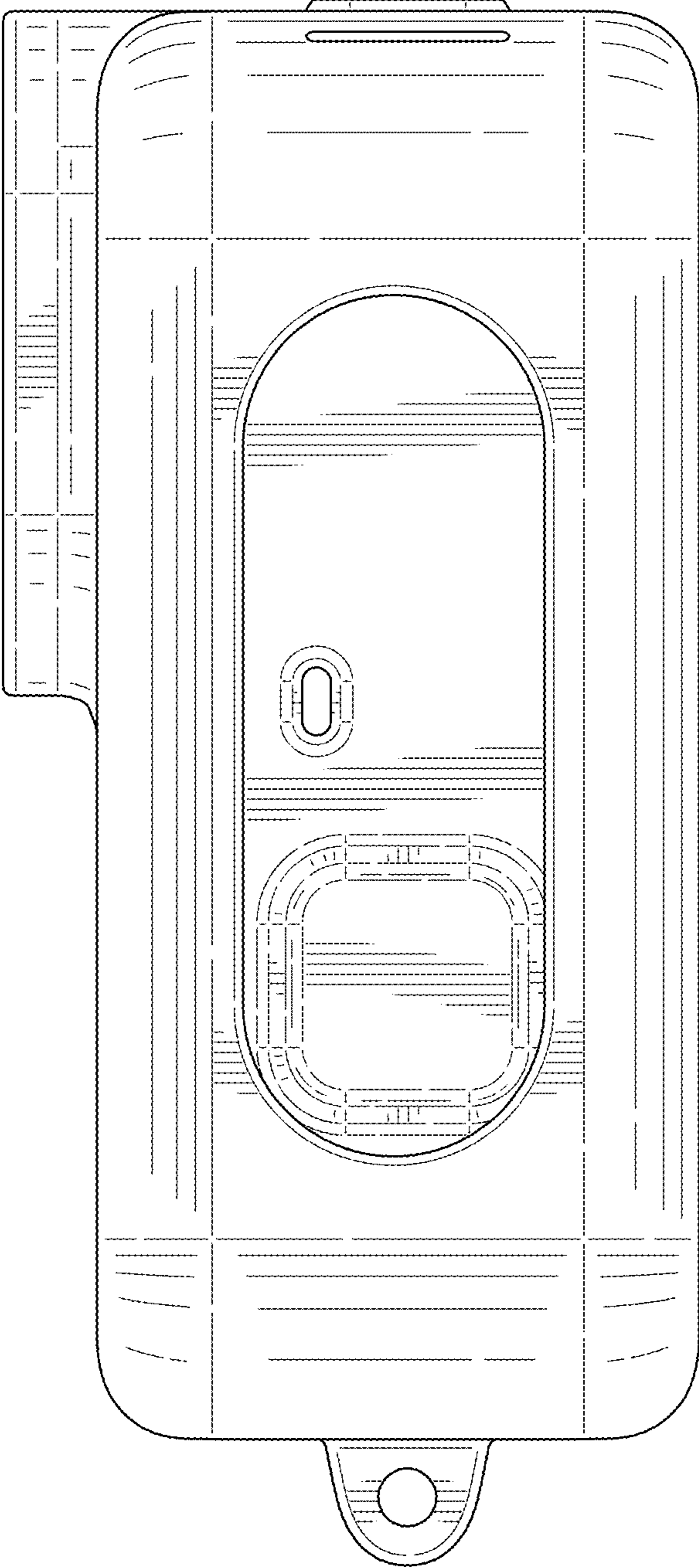


FIG. 8

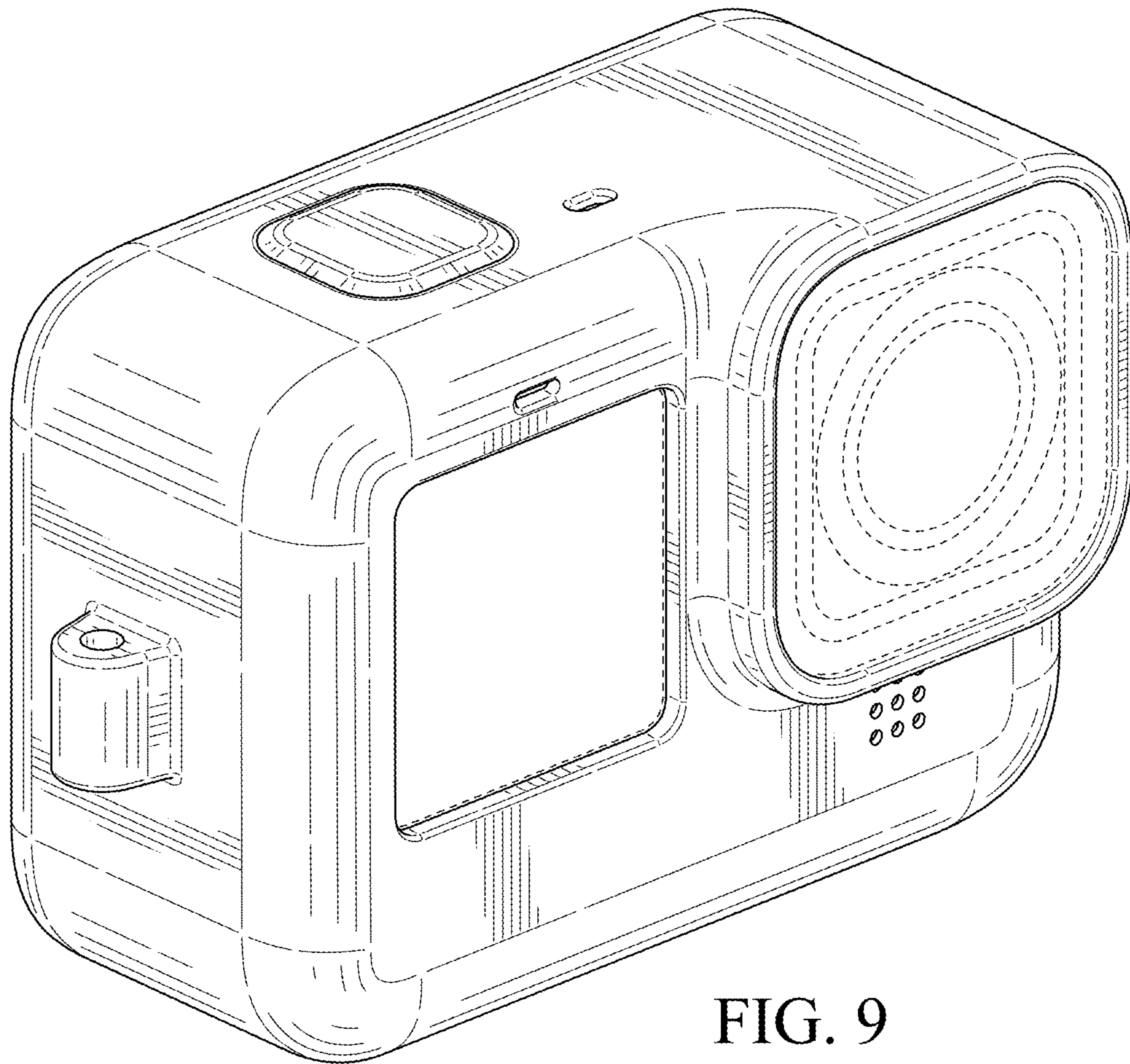


FIG. 9

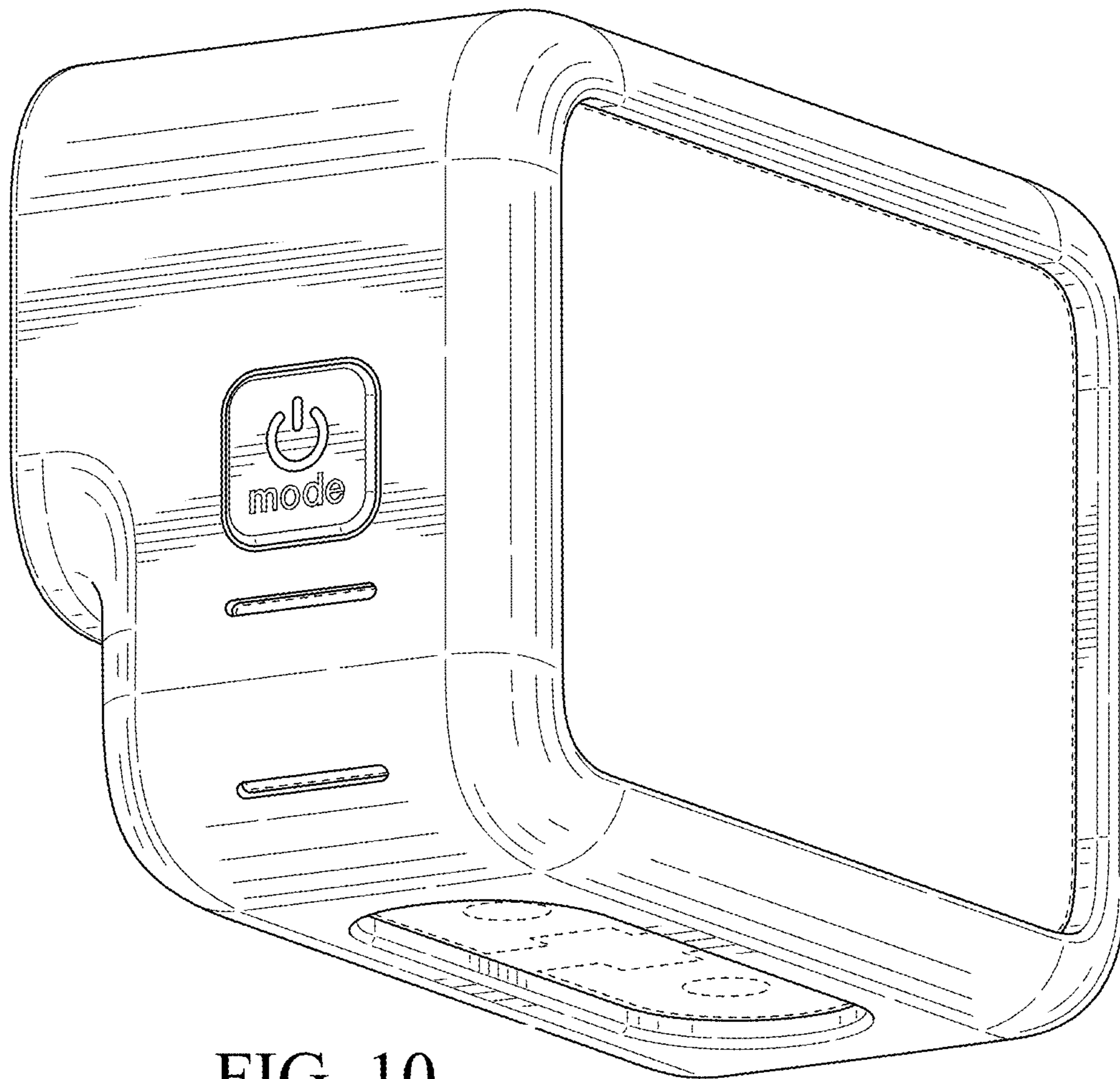


FIG. 10

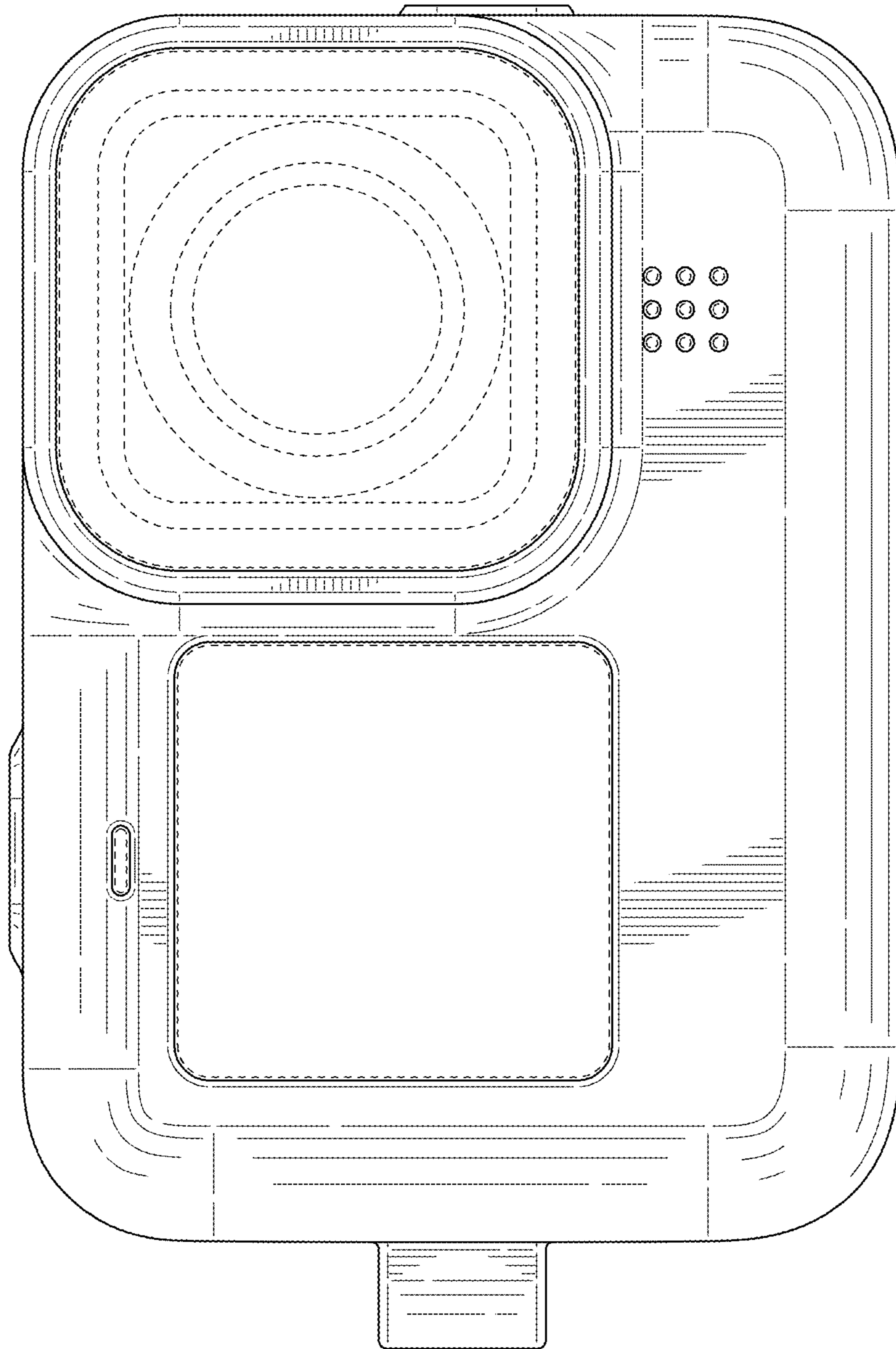


FIG. 11

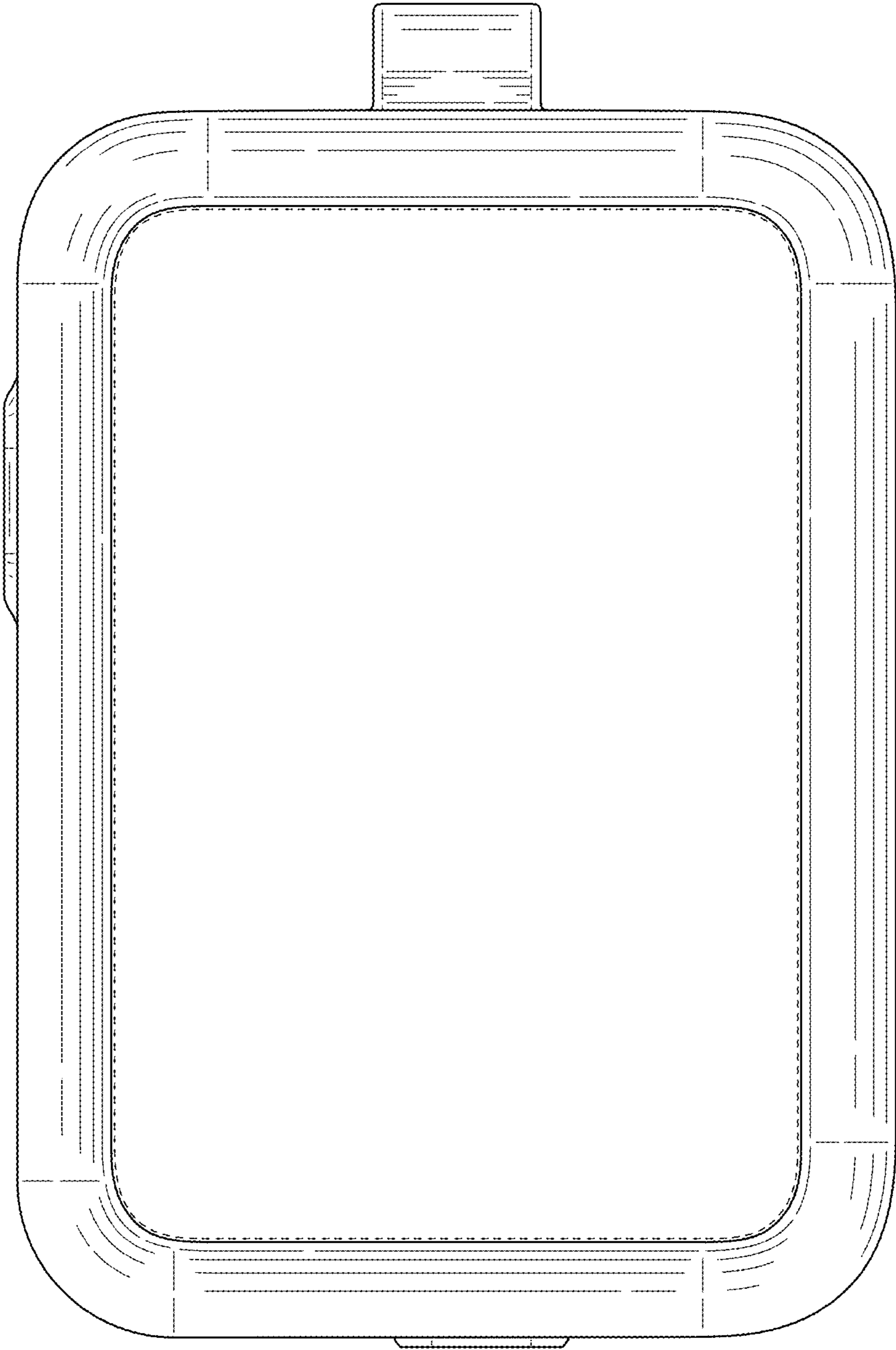


FIG. 12

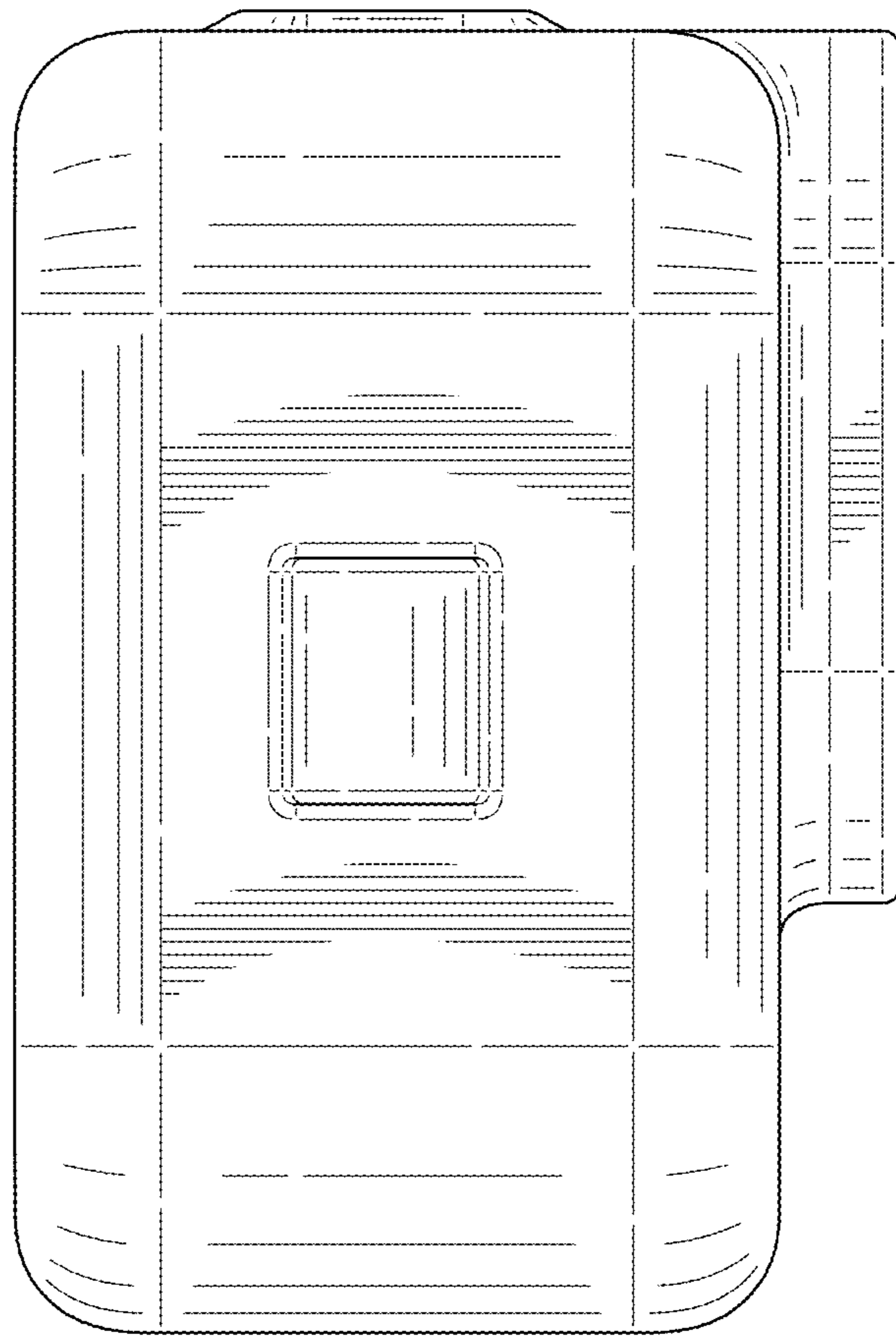


FIG. 13



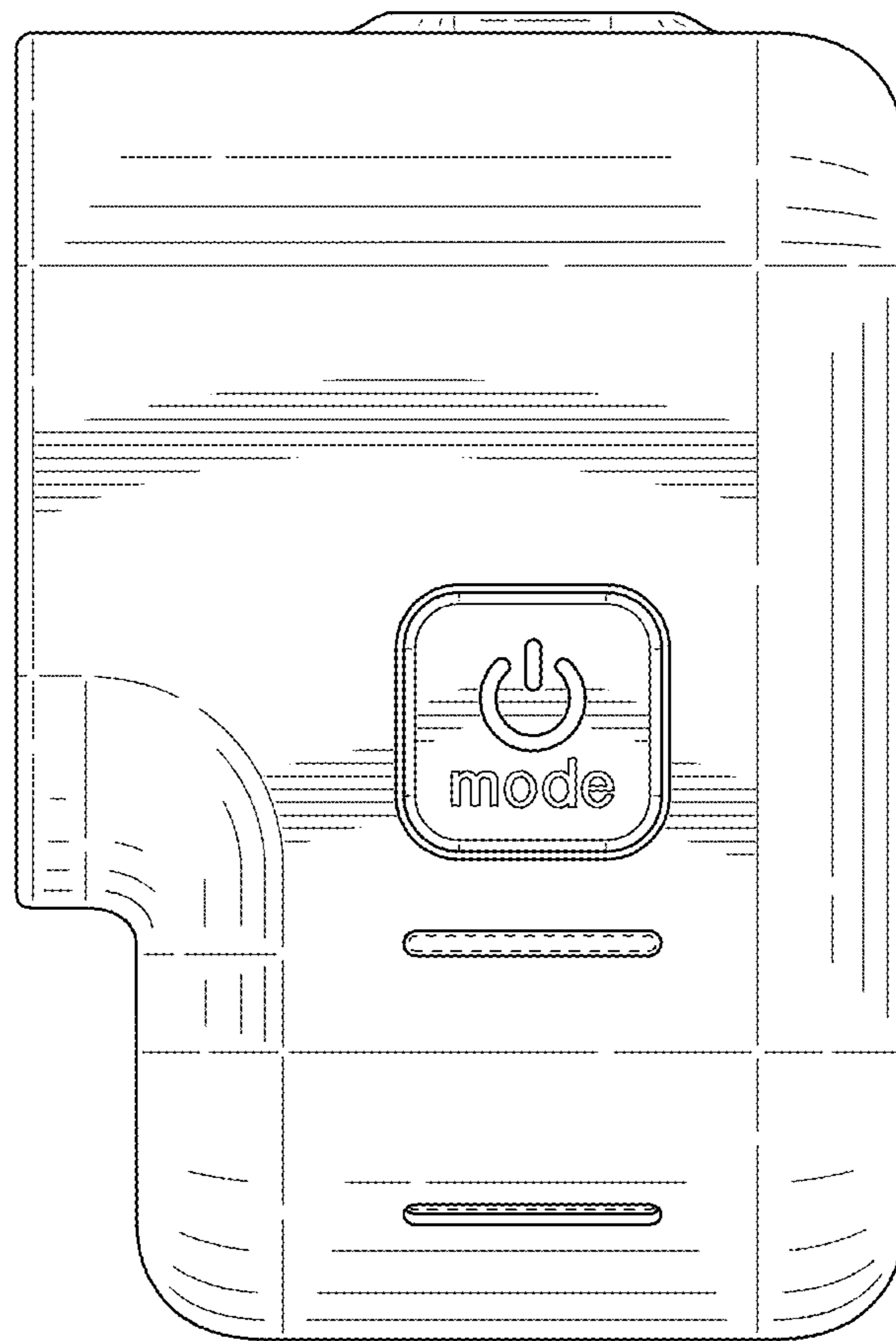


FIG. 14

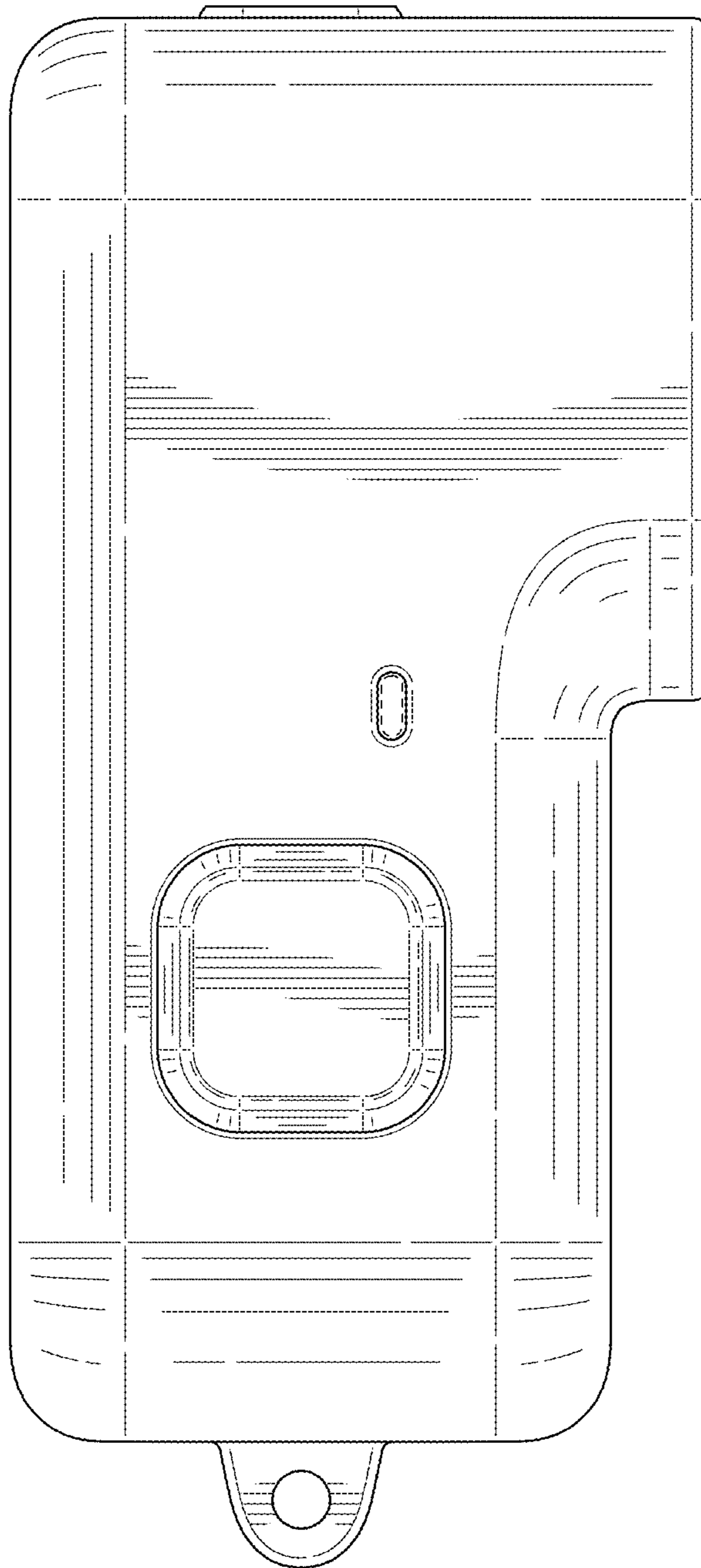


FIG. 15

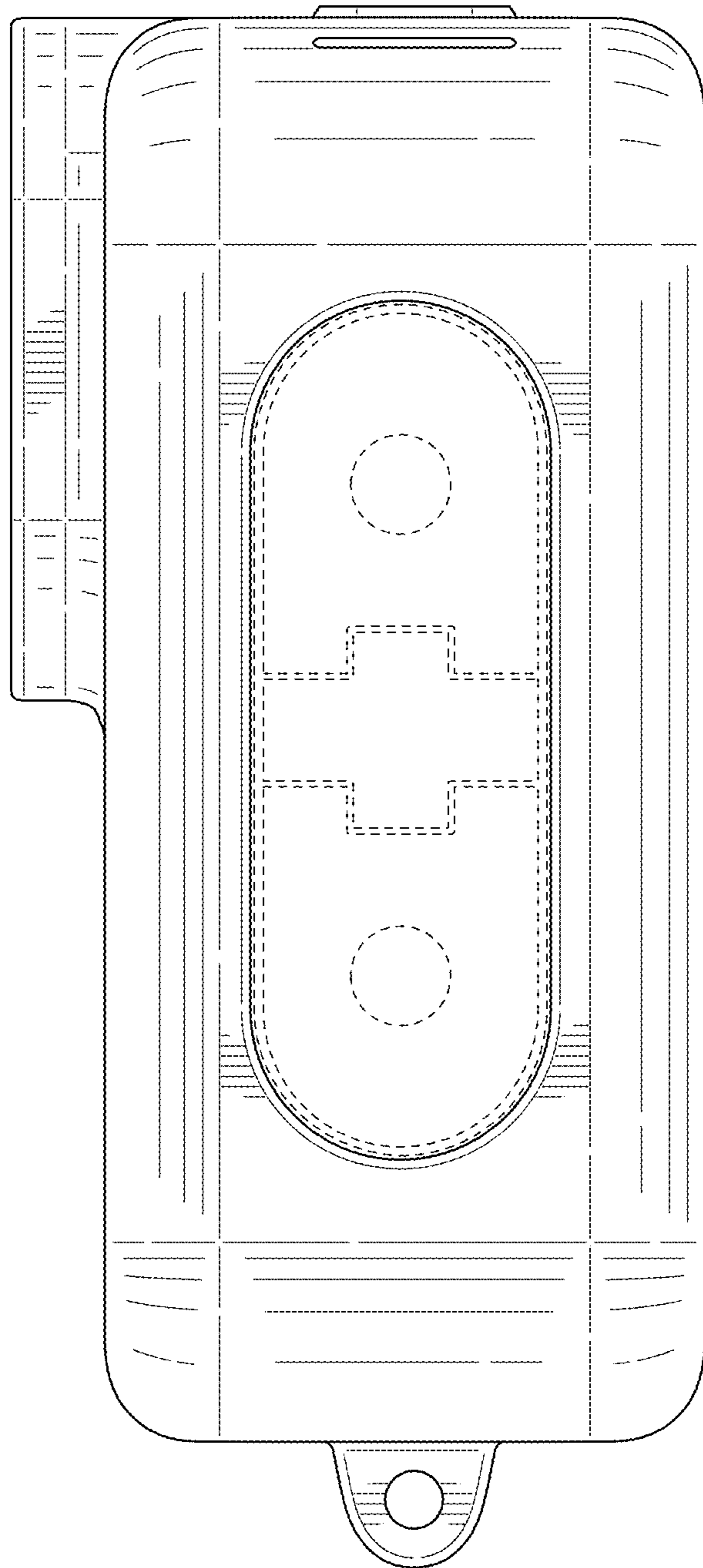


FIG. 16