

US00D923498S

(12) **United States Design Patent** (10) **Patent No.:** **US D923,498 S**  
**Zhong** (45) **Date of Patent:** **\*\* Jun. 29, 2021**

(54) **DISTANCE MEASURING APPARATUS**  
(71) Applicant: **Shenzhen Allsight E-business Co., Ltd.**, Shenzhen (CN)  
(72) Inventor: **Xiaomin Zhong**, Shenzhen (CN)  
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(\*\*) Term: **15 Years**  
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(52) **U.S. Cl.**  
USPC ..... **D10/78**

(58) **Field of Classification Search**  
USPC ..... D10/46, 61, 70-80, 52, 53, 65, 69;  
33/701, 771, 751, 767, 762, 755, 758,  
33/761, 700, 285, 703, 756  
CPC ..... A63B 67/068; G01B 3/1005; G01B  
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G01B 2003/1058; G01B 3/1041; G01B  
3/1069; G01B 3/102; G01B 1/00; G01B  
2003/1097; G01B 3/11; G01B 3/1061;  
G01B 2003/1069; G01B 11/26; G01R  
22/065; G01R 11/00; G01R 11/04; G01R  
13/02; G01R 1/025; G01R 1/04; H04Q  
9/00; G08B 3/00; G01D 18/008; G01K  
15/005; H04L 67/303; H04L 67/12; G05B  
19/0426; G08C 17/02; H04B 10/114;  
H04B 10/11; G01C 15/004; G01C 15/00;  
G01C

(Continued)

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D365,996 S \* 1/1996 Peterson ..... D10/78  
D590,281 S \* 4/2009 Kiesel ..... D10/69  
D594,359 S \* 6/2009 Aglassinger ..... D10/70

(Continued)

**FOREIGN PATENT DOCUMENTS**

CN 303112995 \* 8/2014  
CN 303838747 \* 5/2016

(Continued)

**OTHER PUBLICATIONS**

Screen captures from YouTube video clip entitled "Teccpo Pro Laser Measure Unboxing", 5 pages, uploaded on Sep. 17, 2019 by bryan echem, [online]retrieved Jan. 27, 2021, available from internet, <https://www.youtube.com/watch?v=YXALNg517ul> (Year: 2019).\*

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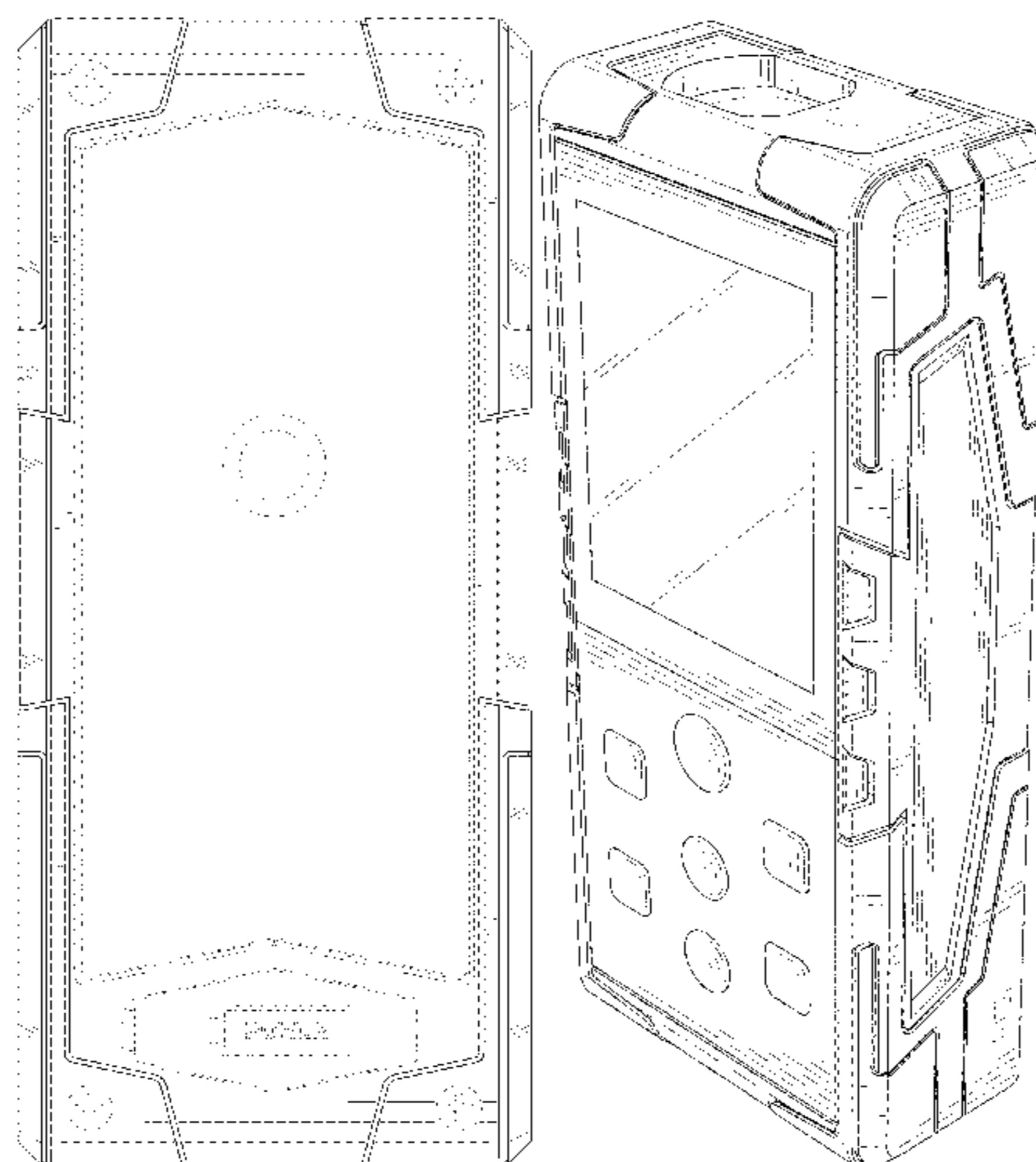
(57) **CLAIM**

The ornamental design for a distance measuring apparatus, as shown and described.

**DESCRIPTION**

FIG. 1 is a front elevational view of a distance measuring apparatus showing my new design; FIG. 2 is a rear elevational view thereof; FIG. 3 is a left side view thereof; FIG. 4 is a right side view thereof; FIG. 5 is a top plan view thereof; FIG. 6 is a bottom plan view thereof; and, FIG. 7 is a front perspective view thereof. The evenly broken lines in the drawings illustrate portions of the distance measuring apparatus that form no part of the claim.

**1 Claim, 7 Drawing Sheets**



(58) **Field of Classification Search**  
 CPC ..... 15/002; G01C 15/06; G02B 7/001; Y10T  
 29/49826

EM 000965041-0001 \* 7/2008  
 EM 006738654-0001 \* 8/2019  
 JP D1663448 \* 11/2019

See application file for complete search history.

OTHER PUBLICATIONS

(56) **References Cited**

U.S. PATENT DOCUMENTS

D673,062 S \* 12/2012 Marzynski ..... D10/70  
 D687,726 S \* 8/2013 Aglassinger ..... D10/65  
 D716,160 S \* 10/2014 Burkandt ..... D10/78  
 D740,144 S \* 10/2015 Lamer ..... D10/78  
 D805,412 S \* 12/2017 Lu ..... D10/70  
 D813,062 S \* 3/2018 He ..... D10/70  
 D813,063 S \* 3/2018 He ..... D10/70  
 D838,611 S \* 1/2019 Xie ..... D10/78  
 D881,045 S \* 4/2020 Zhang ..... D10/70  
 D881,046 S \* 4/2020 Shao ..... D10/70

FOREIGN PATENT DOCUMENTS

CN 304793326 \* 11/2017  
 CN 304787521 \* 3/2018

TECCPO, Laser Measure Rechargeable, TECCPO Laser Distance Meter 196ft, Date first available Jul. 20, 2019, [online]retrieved Jan. 26, 2021, available from internet, [https://www.amazon.com/dp/B07TP8CR2R/ref=sspa\\_dk\\_detail\\_1?psc=1&pd\\_rd\\_i=B07TP8CR2R&pd\\_rd\\_w=ftnwg&pf\\_rd\\_p=811154a9-44b1-49f2-9177-84495098](https://www.amazon.com/dp/B07TP8CR2R/ref=sspa_dk_detail_1?psc=1&pd_rd_i=B07TP8CR2R&pd_rd_w=ftnwg&pf_rd_p=811154a9-44b1-49f2-9177-84495098) (Year: 2019).\*

POPOMAN, Laser Measure, 196Ft M/In/Ft Mute Laser Distance Measure with Electronic Angle Sensor and Backlit LCD, Date first available Jan. 20, 2020, [online]retrieved Jan. 26, 2021, available from internet, [https://www.amazon.com/Measure-Distance-Electronic-Sensor-Backlit/dp/B089M7HW4J/ref=pd\\_di\\_scai\\_](https://www.amazon.com/Measure-Distance-Electronic-Sensor-Backlit/dp/B089M7HW4J/ref=pd_di_scai_) (Year: 2020).\*

DTAPE, Laser Measure 165ft, DTAPE DT50Laser Distance Meter 50M, Date first available Jul. 30, 2019, [online]retrieved Jan. 26, 2021, available from internet, [https://www.amazon.com/Measure-DTAPE-switching-Pythagorean-Distance/dp/B07VV55Q7F/ref=sr\\_1\\_488\\_sspa?dchild=1&keywords=Laser](https://www.amazon.com/Measure-DTAPE-switching-Pythagorean-Distance/dp/B07VV55Q7F/ref=sr_1_488_sspa?dchild=1&keywords=Laser) (Year: 2019).\*

\* cited by examiner

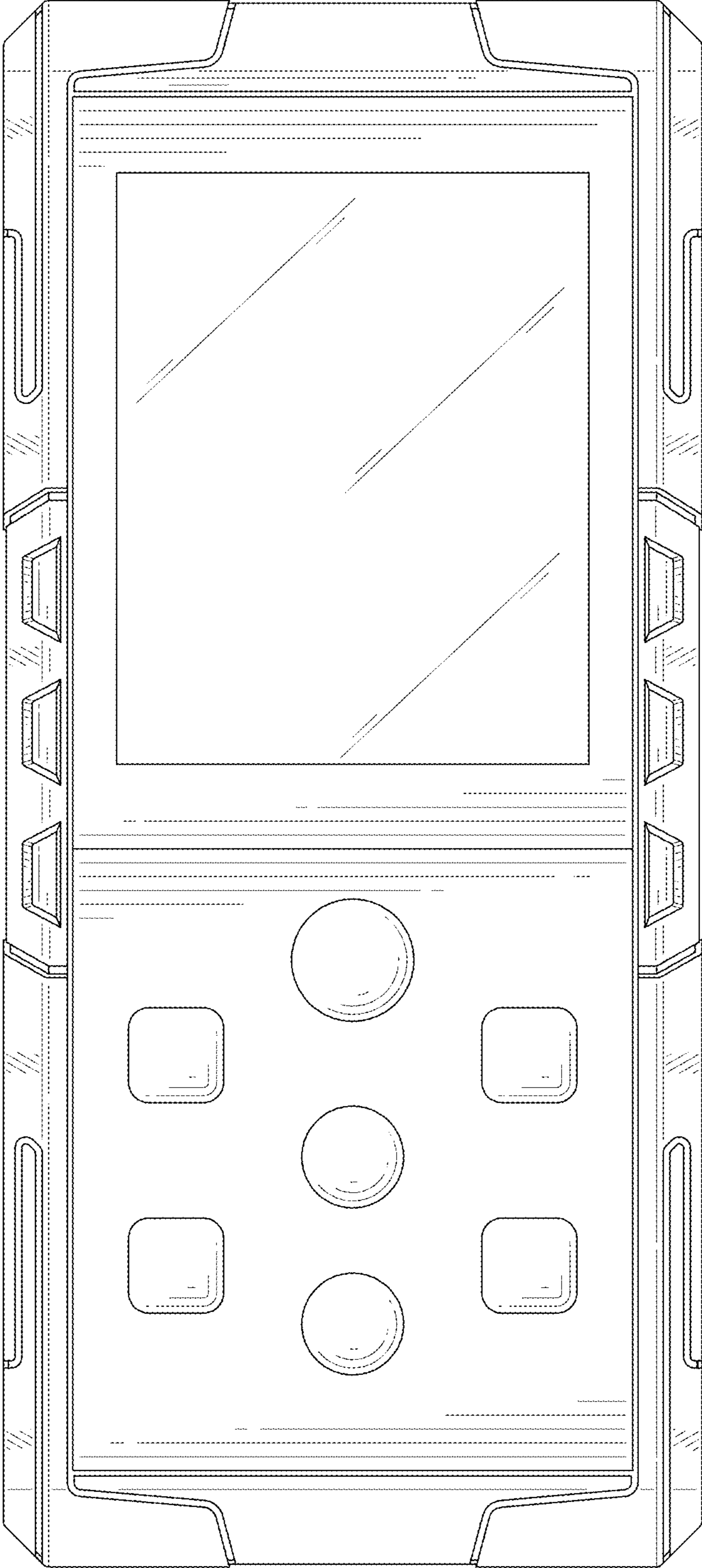


FIG. 1

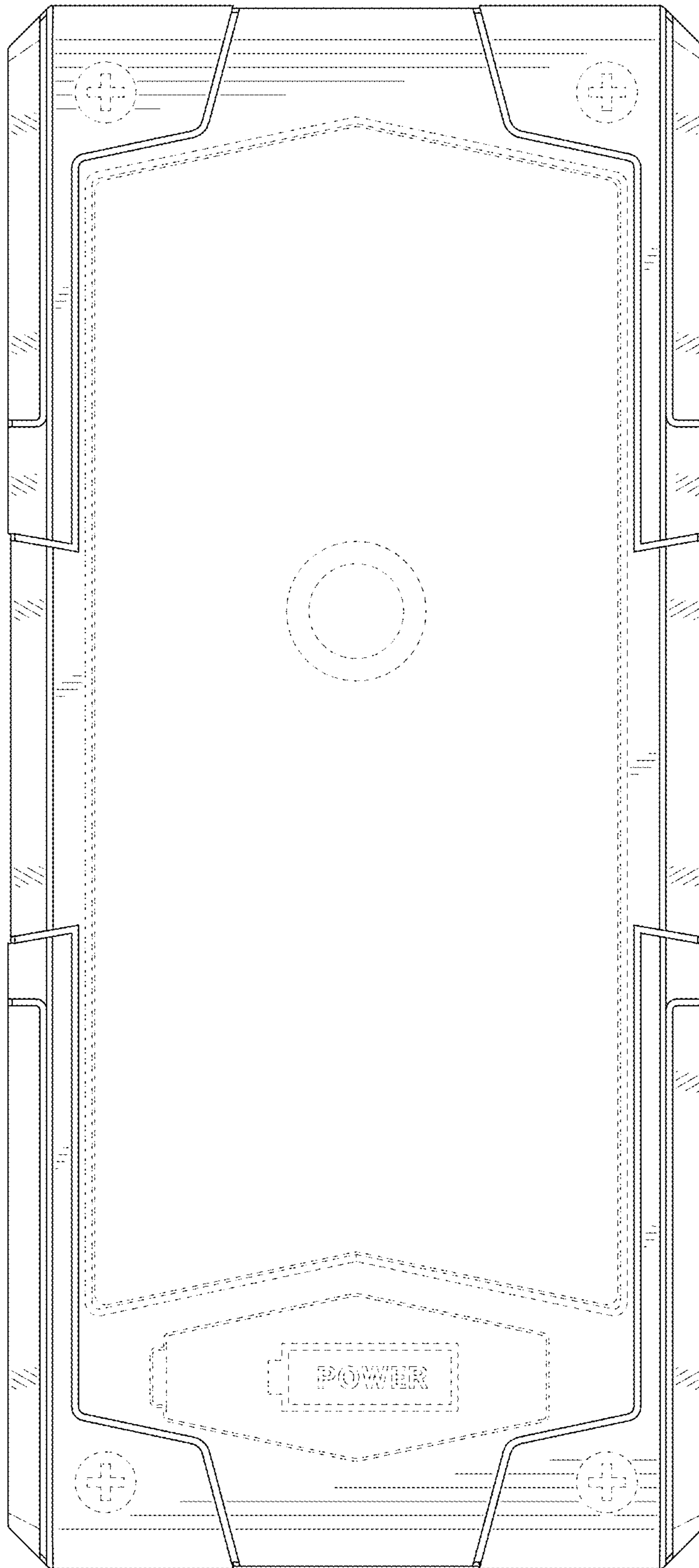


FIG. 2

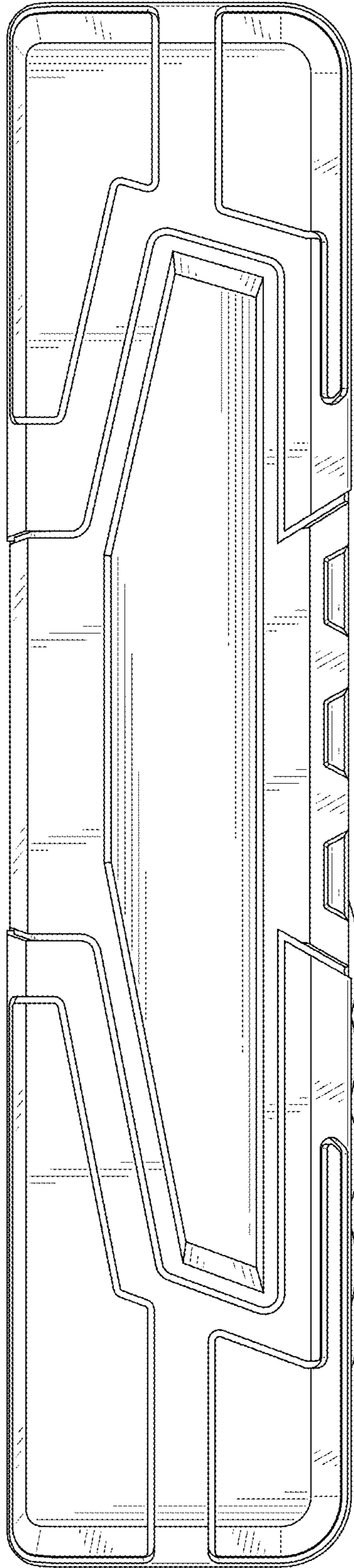


FIG. 3

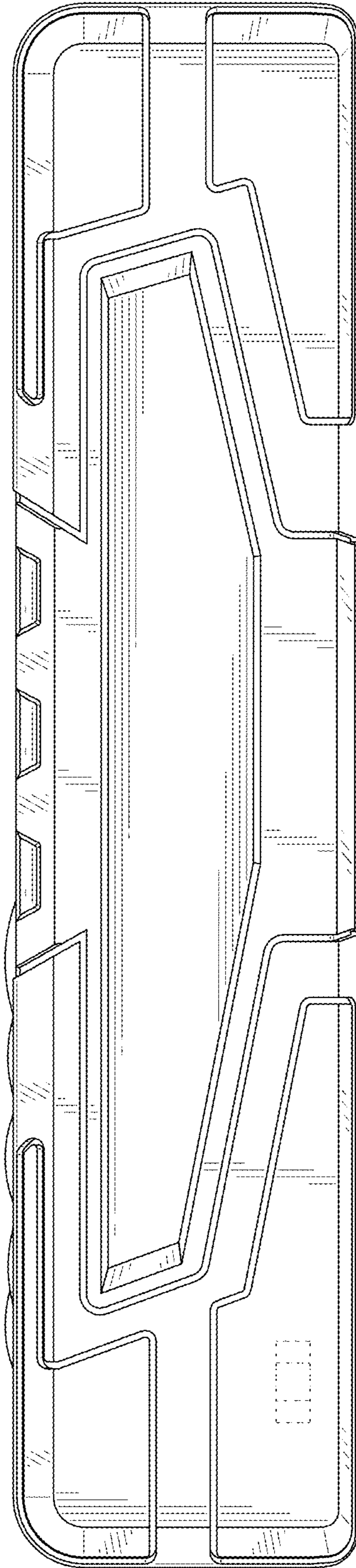


FIG. 4

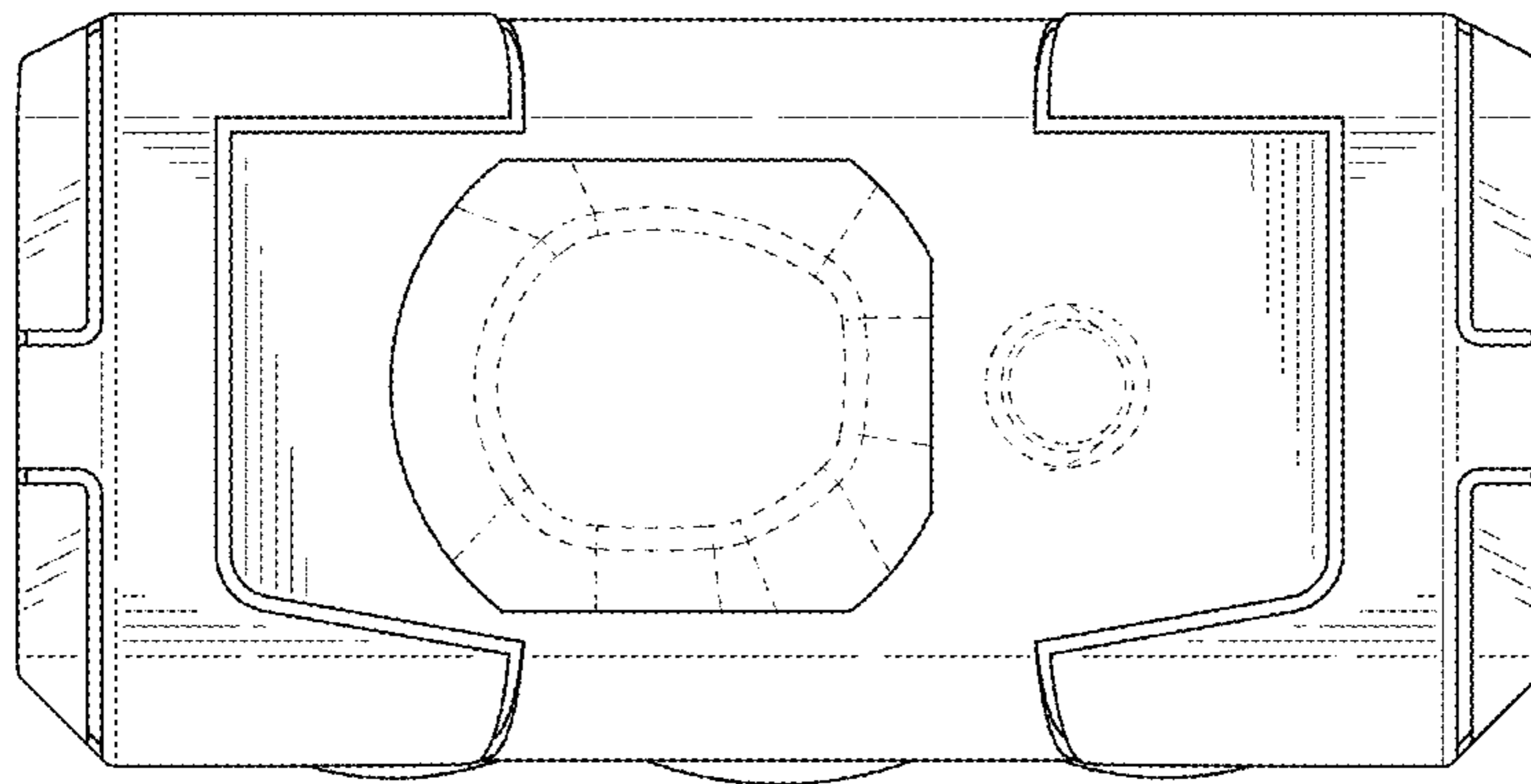


FIG. 5

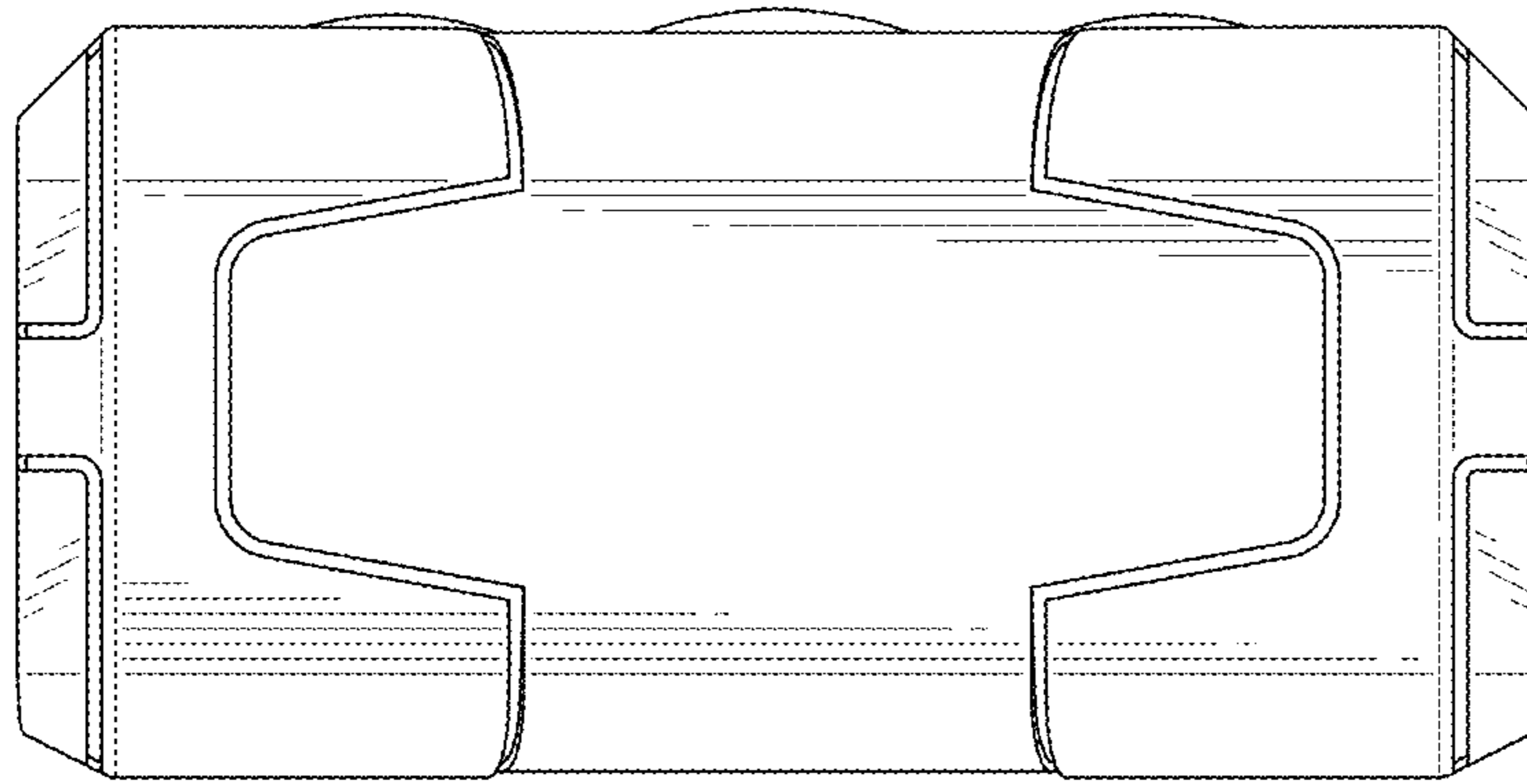


FIG. 6



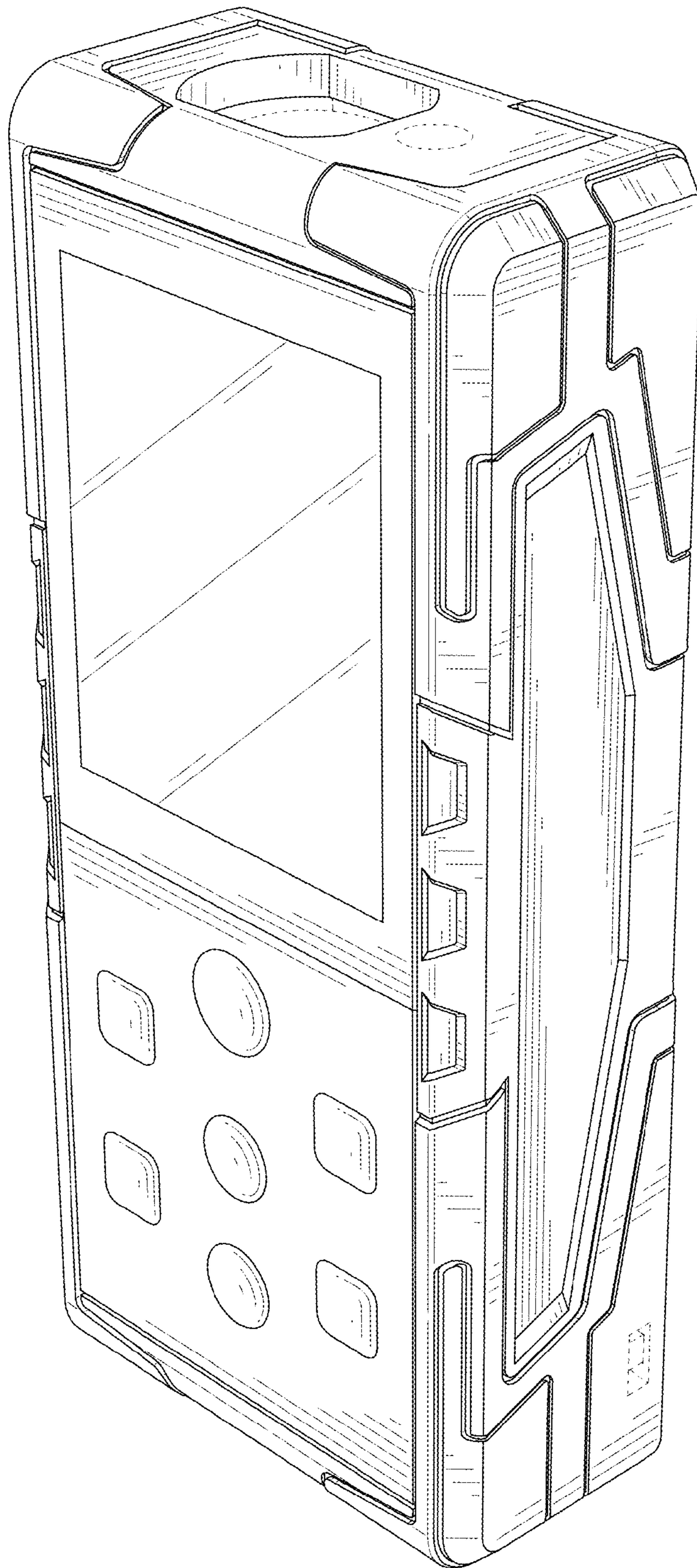


FIG. 7