

US00D937267S

(12) **United States Design Patent** (10) **Patent No.:** **US D937,267 S**
Lim et al. (45) **Date of Patent:** **** Nov. 30, 2021**

(54) **DATA CAPTURE DEVICE**

(71) Applicant: **ZEBRA TECHNOLOGIES CORPORATION**, Lincolnshire, IL (US)

(72) Inventors: **Sunghun Lim**, Bethpage, NY (US); **Li-Ko Wang**, New Taipei (TW); **Chungwei Hung**, New Taipei (TW)

(73) Assignee: **Zebra Technologies Corporation**, Lincolnshire, IL (US)

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

(21) Appl. No.: **29/718,568**

(22) Filed: **Dec. 26, 2019**

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

(52) **U.S. Cl.**
USPC **D14/426**

(58) **Field of Classification Search**

USPC D14/420, 426-430, 453, 346, 341, 347, D14/412, 138; D13/107, 184; 358/473; 235/462.43, 462.45, 462.47, 462.48, 235/462.44, 462.46, 487, 472.01, 472.02, 235/145 A, 145 R; D10/78, 57, 2, 46, 52, D10/53, 81; 324/426; D3/273; 710/73; D18/7; 361/679, 728, 679.56; 382/313, 382/321; 455/575.1, 561, 572, 41.2; 345/156, 168, 169, 172, 173, 87; 705/17, 705/18, 22-25; D16/206, 218, 202, 219, D16/208, 209; 356/328; 396/419, 423, 396/424; 374/130, 100, 121, 102, 141, 374/124, 170, 104, 103; 702/130, 135; 348/164, 165, 149, 333.01, 333.11, 348/E5.043, E5.047, E5.09, 33, 82, 348/E5.028, 347, 373, 374, 375; 250/330, 351, 353, 332, 334, 358.1, 250/316.1, 338.1; 600/549, 474, 413, 600/473, 200, 184

CPC G06F 1/626; G06F 1/1626; G06F 1/1656; G06F 1/1632; G06F 1/1684; G06F 1/1635; G06F 8/63; G06F 17/30091;

G06F 9/4401; G06K 7/10881; G06K 7/1098; G06K 7/10722; G06K 7/1404; G06K 7/0004; G06K 7/10633; G06K 7/10851; G06K 7/1091; G06K 7/1092; G06K 7/1093; G06K 7/10; G06K 7/109; G06K 7/1417; G06K 9/228; G06K 17/0022; G06K 17/00; G06K
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,191,197 A 3/1993 Metlitsky et al.
D335,661 S 5/1993 Shepard
(Continued)

OTHER PUBLICATIONS

Design U.S. Appl. No. 29/694,027, filed Jun. 6, 2019.
Design U.S. Appl. No. 29/670,720, filed Nov. 19, 2018.
Design U.S. Appl. No. 29/590,892, filed Jan. 13, 2017.

Primary Examiner — Susan Moon Lee

(57) **CLAIM**

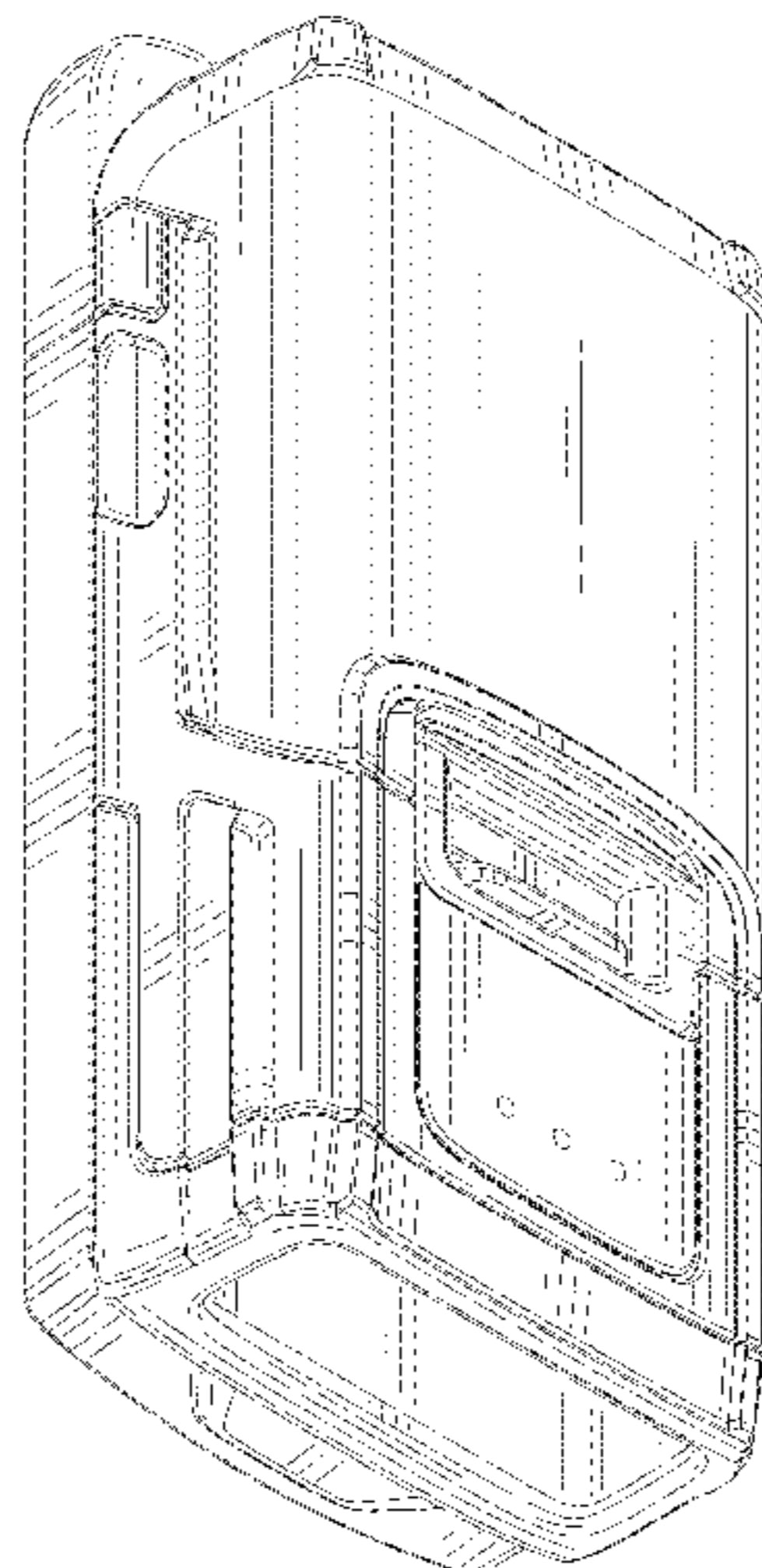
We claim the ornamental design for a data capture device, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a data capture device according to our new design;
FIG. 2 is another perspective view thereof;
FIG. 3 is a top view thereof;
FIG. 4 is a bottom view thereof;
FIG. 5 is a first side view thereof;
FIG. 6 is a second side view thereof;
FIG. 7 is a back view thereof; and,
FIG. 8 is a front view thereof.

The broken lines are directed to environment and are for illustrative purposes only. The broken lines form no part of the claimed design for that particular embodiment.

1 Claim, 7 Drawing Sheets



(58) **Field of Classification Search**

CPC 17/2207; G06K 17/1011; G06K 17/1013;
 G06K 17/1016; G06K 17/1018; G06K
 2017/0051; G06K 2017/0067; G06K
 2007/10524; G07G 1/0081; G07G 1/009;
 G06Q 20/20; G06Q 20/201; G06Q
 20/202; G06Q 20/203; G06Q 20/30;
 G06Q 20/32; G06Q 20/322; G06Q
 20/4014; G06Q 10/087; H04N 1/00127;
 H04N 1/00135; H04N 1/00326; H04N
 1/00334; H04N 1/00307; H04N 1/107;
 H04N 2201/0084; H04N 2101/00; H04N
 5/332; H04N 5/33; H04N 5/2251; H04N
 5/2258; H04N 5/2256; H04N 5/23293;
 H04N 5/23203; H04N 5/2254; H04N
 5/2252; H04N 5/2253; H04N 5/23229;
 H04N 5/3651; H04M 1/0249; H04M
 1/0262; H04M 1/0266; H04M 1/18;
 H04M 1/23; H04M 1/236; H04B 1/3827;
 H04B 1/3833; H04B 1/3877; H04B
 1/3883; H04B 1/3888; H04B 2001/3894;
 H01M 2/1066; G01J 5/025; G01J 5/0265;
 G01J 5/026; G01J 5/027; G01J 5/02;
 G01J 5/06; G01J 5/08; G01J 5/04; G01J
 5/12; G01J 5/00; G01J 5/18; G01J
 5/0834; G01J 5/522; G01J 5/0806; G01J
 5/028; G01J 2005/0077; G01J 2005/0081;
 G02B 7/08; G02B 7/04; G01K 1/02;
 G01K 3/04; G03B 17/18; G03B 3/02;
 G03B 3/04; G03B 3/10

See application file for complete search history.

7,633,282 B2 * 12/2009 Radle G01R 31/69
 324/67
 D612,853 S * 3/2010 Waterman D14/427
 7,762,731 B2 7/2010 Arbuckle et al.
 7,837,112 B2 * 11/2010 An G06K 7/10891
 235/462.44
 7,942,326 B2 5/2011 Miller et al.
 D959,084 6/2011 Wulff
 7,959,084 B2 6/2011 Wulff
 7,978,314 B2 * 7/2011 Henschel G01C 3/02
 356/4.01
 D654,597 S * 2/2012 Hiramura D24/186
 D660,788 S 5/2012 Ziring et al.
 8,196,787 B2 6/2012 Strandberg et al.
 8,260,384 B2 * 9/2012 Wulff A45F 5/00
 455/575.6
 D673,953 S 1/2013 Li et al.
 D686,981 S 7/2013 Koyabu et al.
 D687,332 S 8/2013 Nishizawa et al.
 D689,862 S 9/2013 Liu
 D743,397 S 11/2015 Ciabattoni
 D755,181 S 5/2016 Mistkawi et al.
 D765,592 S 9/2016 Friend
 D790,546 S * 6/2017 Zhou D14/426
 9,679,180 B2 6/2017 Lim et al.
 D800,120 S 10/2017 Ciabattoni
 D805,079 S * 12/2017 Han D14/426
 D808,391 S * 1/2018 Schooneveldt D14/426
 D811,994 S 3/2018 Hare
 D816,056 S 4/2018 Klein et al.
 D821,967 S 7/2018 Narendra et al.
 D829,212 S * 9/2018 Bidwell D14/426
 D830,961 S 10/2018 Doi et al.
 D832,844 S 11/2018 Lim
 D833,438 S * 11/2018 Lim D14/427
 D844,556 S 4/2019 Irfan et al.
 D861,593 S 10/2019 Nakajima et al.
 D873,766 S 1/2020 Ansehn et al.
 D874,394 S 2/2020 Stoermer
 D882,539 S 4/2020 Choubey et al.
 D889,396 S 7/2020 Choi et al.
 D890,086 S 7/2020 Ortlund et al.
 10,726,222 B2 * 7/2020 Oberpriller G06K 7/1413
 10,789,436 B1 * 9/2020 Lim G06F 1/163
 D900,021 S 10/2020 Shen et al.
 10,810,412 B2 * 10/2020 Khade G06F 3/04883
 D902,847 S 11/2020 Sexton et al.
 D906,990 S 1/2021 Choubey et al.
 D908,083 S 1/2021 Kuang et al.
 D908,612 S 1/2021 Sexton et al.
 2002/0000470 A1 1/2002 Lanzaro et al.
 2002/0030094 A1 3/2002 Curry et al.
 2004/0149829 A1 * 8/2004 Boucher A47F 9/046
 235/462.43
 2006/0289771 A1 * 12/2006 White G06K 7/10891
 250/370.1
 2008/0054039 A1 * 3/2008 Wulff A45F 5/00
 224/575
 2008/0078837 A1 4/2008 Morris et al.
 2008/0078838 A1 4/2008 Morris et al.
 2008/0097724 A1 4/2008 Morris et al.
 2008/0129532 A1 6/2008 Bellows
 2009/0266898 A1 10/2009 Miller et al.
 2010/0176166 A1 7/2010 Siagri et al.
 2010/0277330 A1 11/2010 Gentilini et al.
 2011/0090148 A1 4/2011 Li et al.
 2011/0121075 A1 5/2011 Bellows et al.
 2013/0038985 A1 2/2013 Powell et al.
 2013/0114232 A1 5/2013 Tsai et al.
 2013/0248601 A1 * 9/2013 Liang G06K 7/10009
 235/440
 2015/0181351 A1 6/2015 Sarrow et al.
 2015/0371071 A1 12/2015 Ciabattoni
 2016/0063293 A1 3/2016 Sun
 2016/0180132 A1 6/2016 Lim et al.
 2018/0225489 A1 * 8/2018 Liou G06K 7/10891
 2019/0251310 A1 * 8/2019 Oberpriller G06K 7/10881
 2020/0097705 A1 * 3/2020 Khade G06K 9/00335

(56)

References Cited

U.S. PATENT DOCUMENTS

D335,662 S 5/1993 Shepard
 D342,245 S 12/1993 Krichever et al.
 5,340,972 A 8/1994 Sandor
 5,448,050 A 9/1995 Kostizak
 5,514,861 A 5/1996 Swartz et al.
 D372,234 S 7/1996 LaManna et al.
 5,550,366 A 8/1996 Roustaei
 5,576,530 A 11/1996 Hagerty
 5,587,577 A 12/1996 Schultz
 D377,348 S 1/1997 Karlin
 D384,048 S 9/1997 Myers
 D385,855 S 11/1997 Ronzani
 D391,250 S 2/1998 Swift et al.
 5,808,289 A 9/1998 Becker
 D403,299 S 12/1998 Smith et al.
 6,015,090 A 1/2000 Swartz et al.
 6,036,093 A 3/2000 Schultz
 D454,551 S 3/2002 Bonadei et al.
 D462,688 S 9/2002 Schieffers et al.
 D462,964 S 9/2002 Croley et al.
 D473,186 S 4/2003 Grosfeld et al.
 6,634,558 B1 10/2003 Patel et al.
 D484,850 S 1/2004 Johnson
 D490,772 S 6/2004 Chu
 7,140,546 B1 11/2006 Terlizzi et al.
 D553,561 S 10/2007 Maggert
 D554,641 S * 11/2007 Miller D14/427
 D558,670 S 1/2008 Ritterling et al.
 D566,712 S * 4/2008 Ah D14/426
 D571,241 S * 6/2008 Andreasen D10/78
 D576,545 S 9/2008 Mandel et al.
 D585,066 S 1/2009 Morris et al.
 D586,677 S * 2/2009 Nothacker D10/78
 D594,403 S 6/2009 Yang
 D601,151 S 9/2009 Morris et al.
 D603,790 S 11/2009 Andren et al.

(56)

References Cited

U.S. PATENT DOCUMENTS

2020/0272801 A1* 8/2020 Mistkawi G06K 7/10891
2020/0305522 A1* 10/2020 Ruhland G06K 7/10891
2021/0027031 A1* 1/2021 Lim G06K 7/1404

* cited by examiner

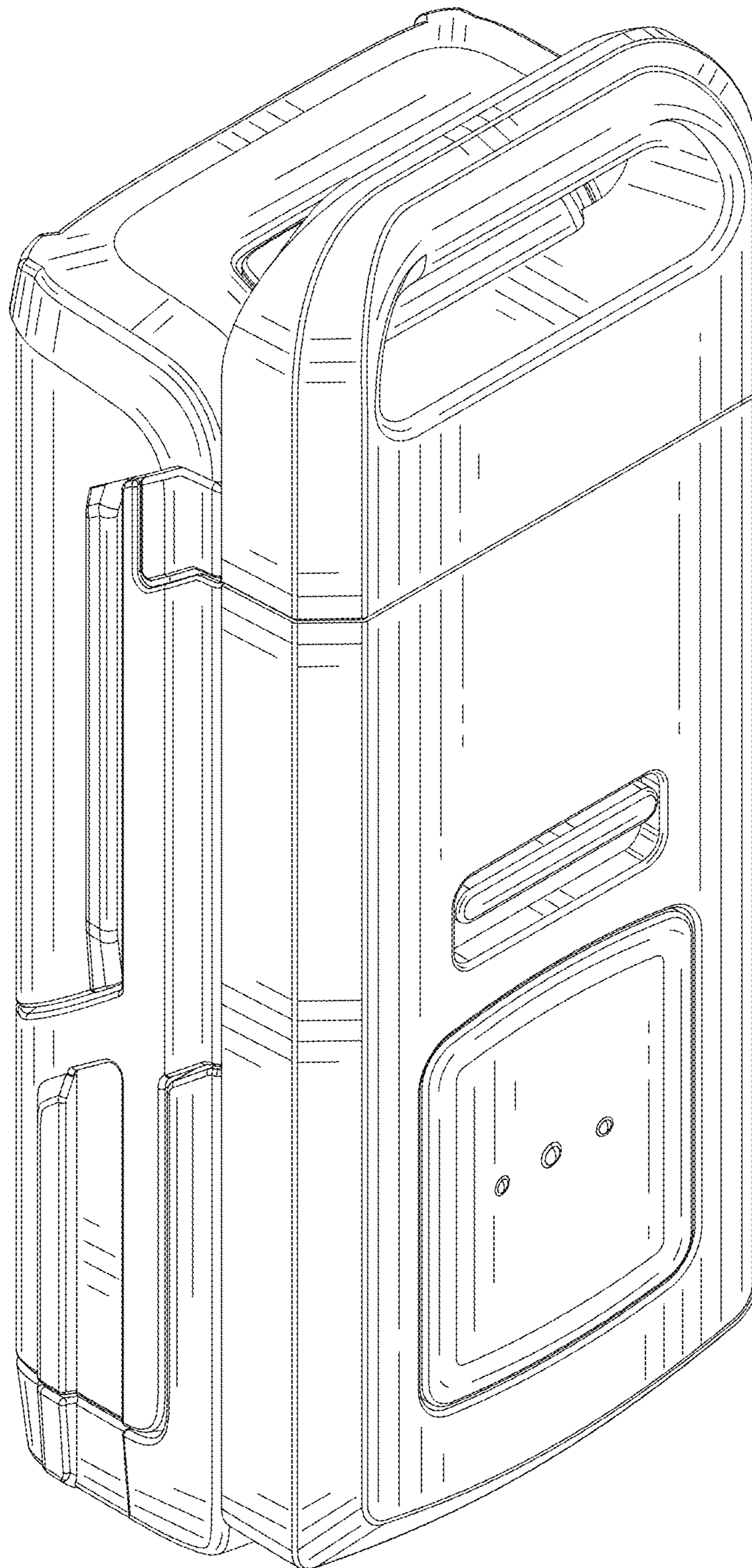


FIG. 1

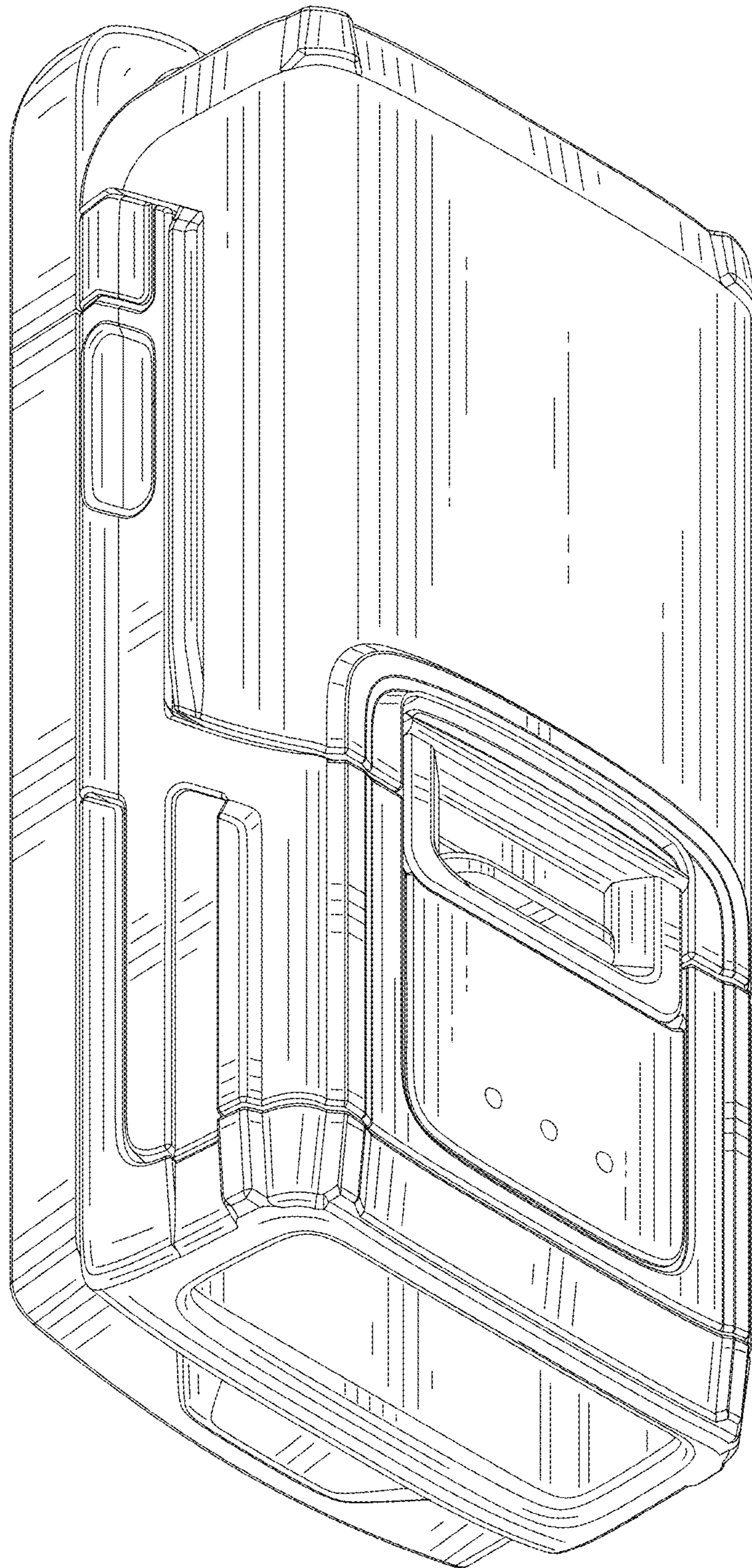


FIG. 2

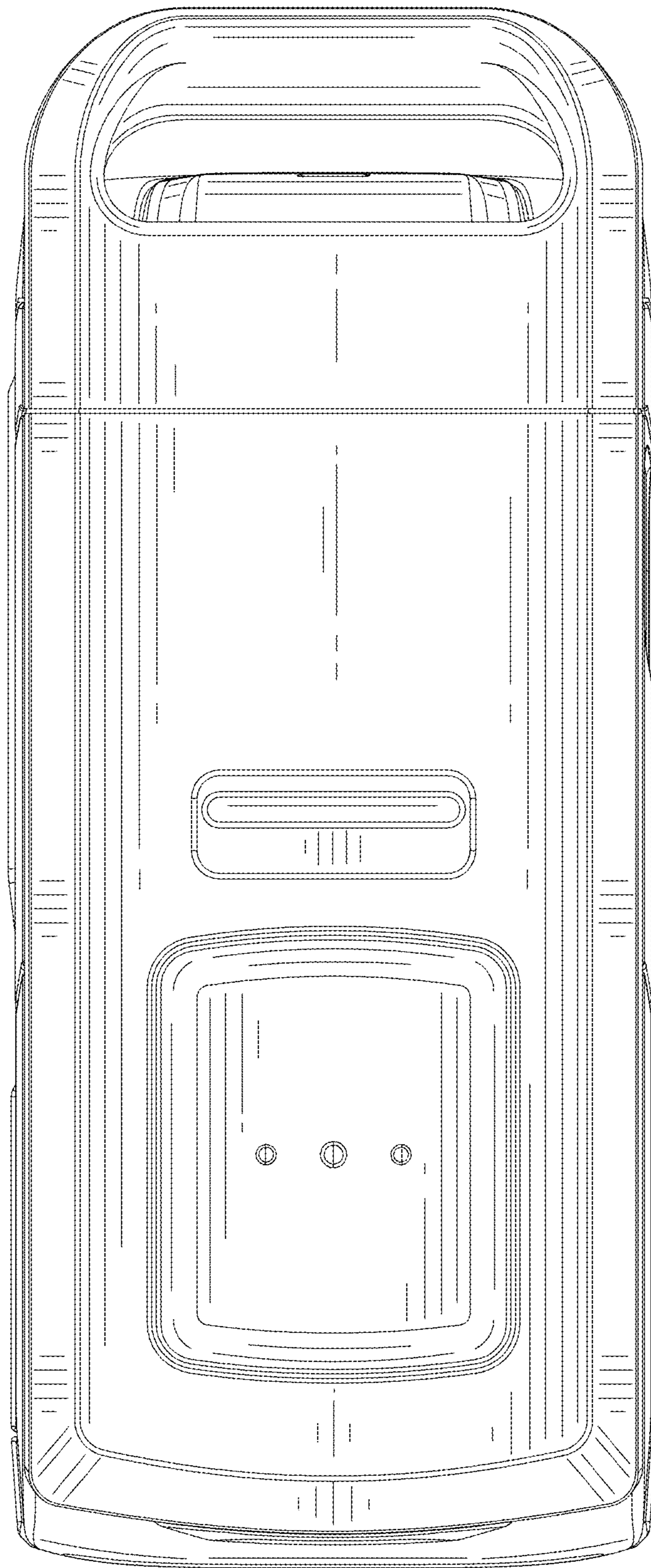


FIG. 3

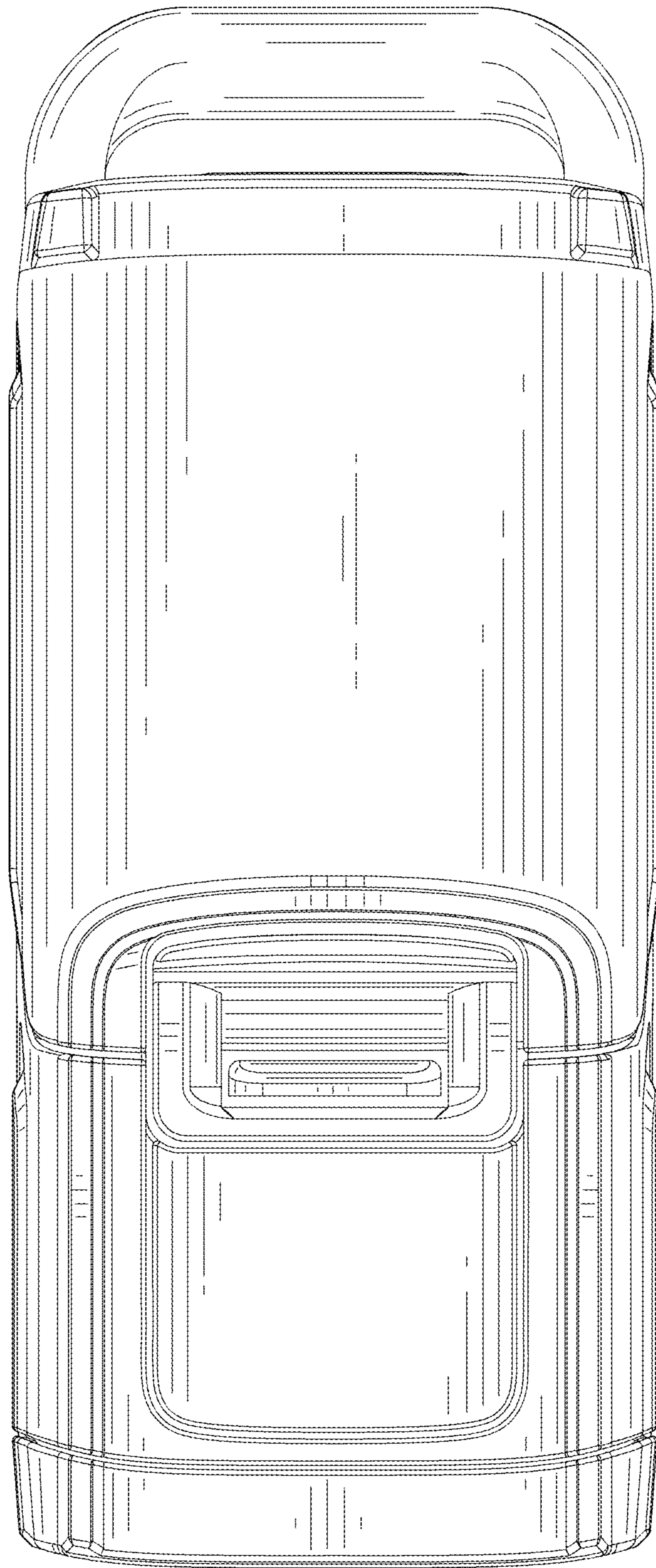


FIG. 4

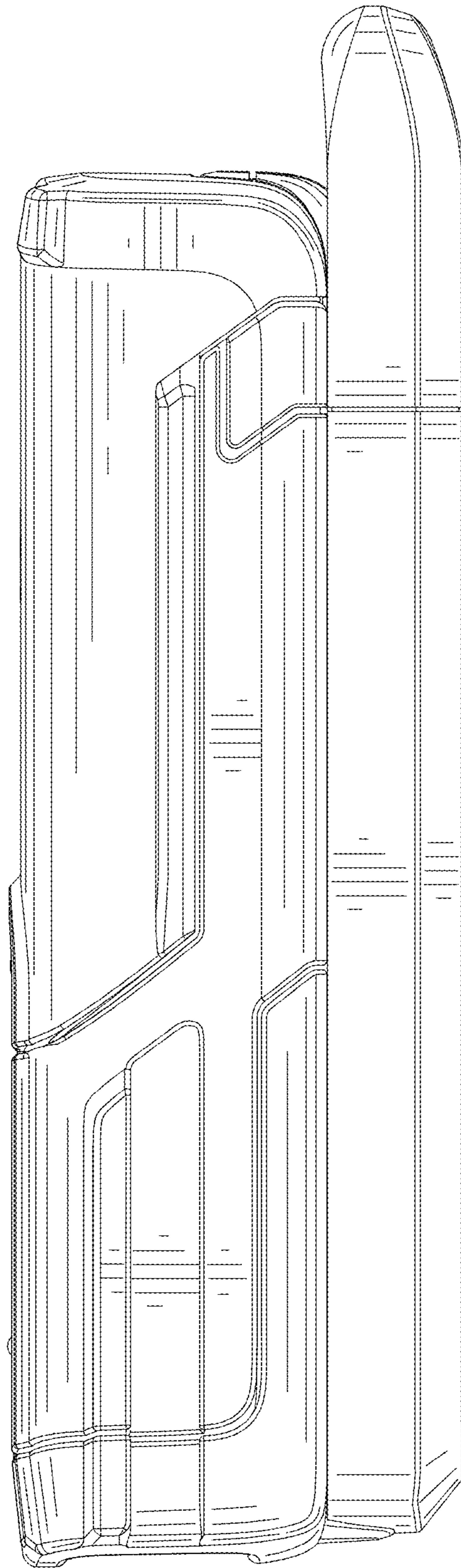


FIG. 5

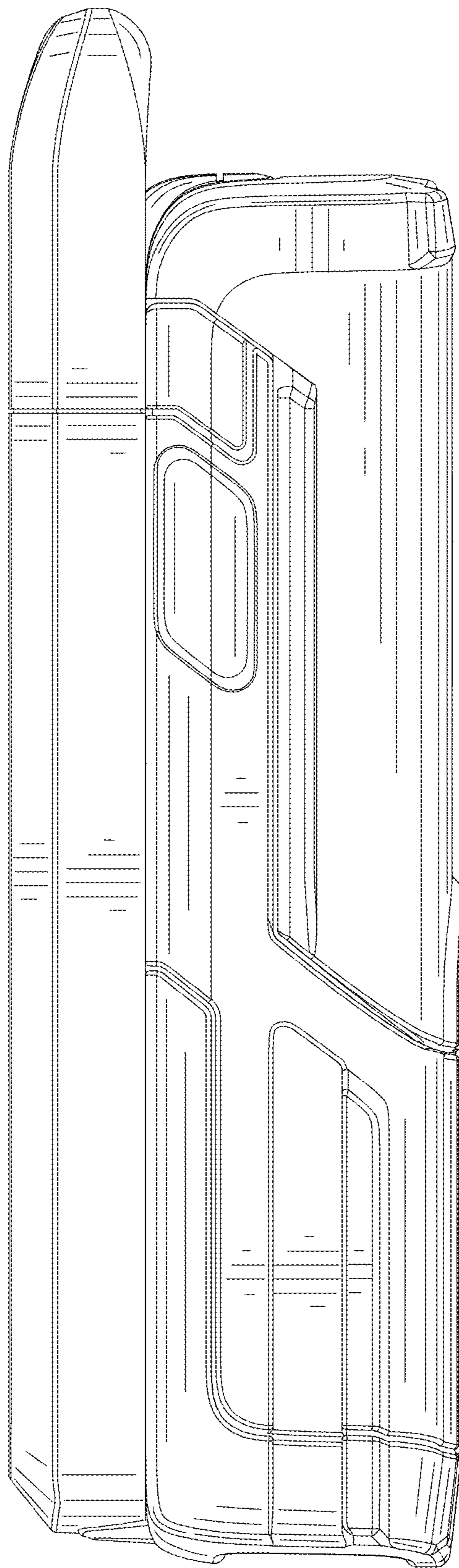


FIG. 6

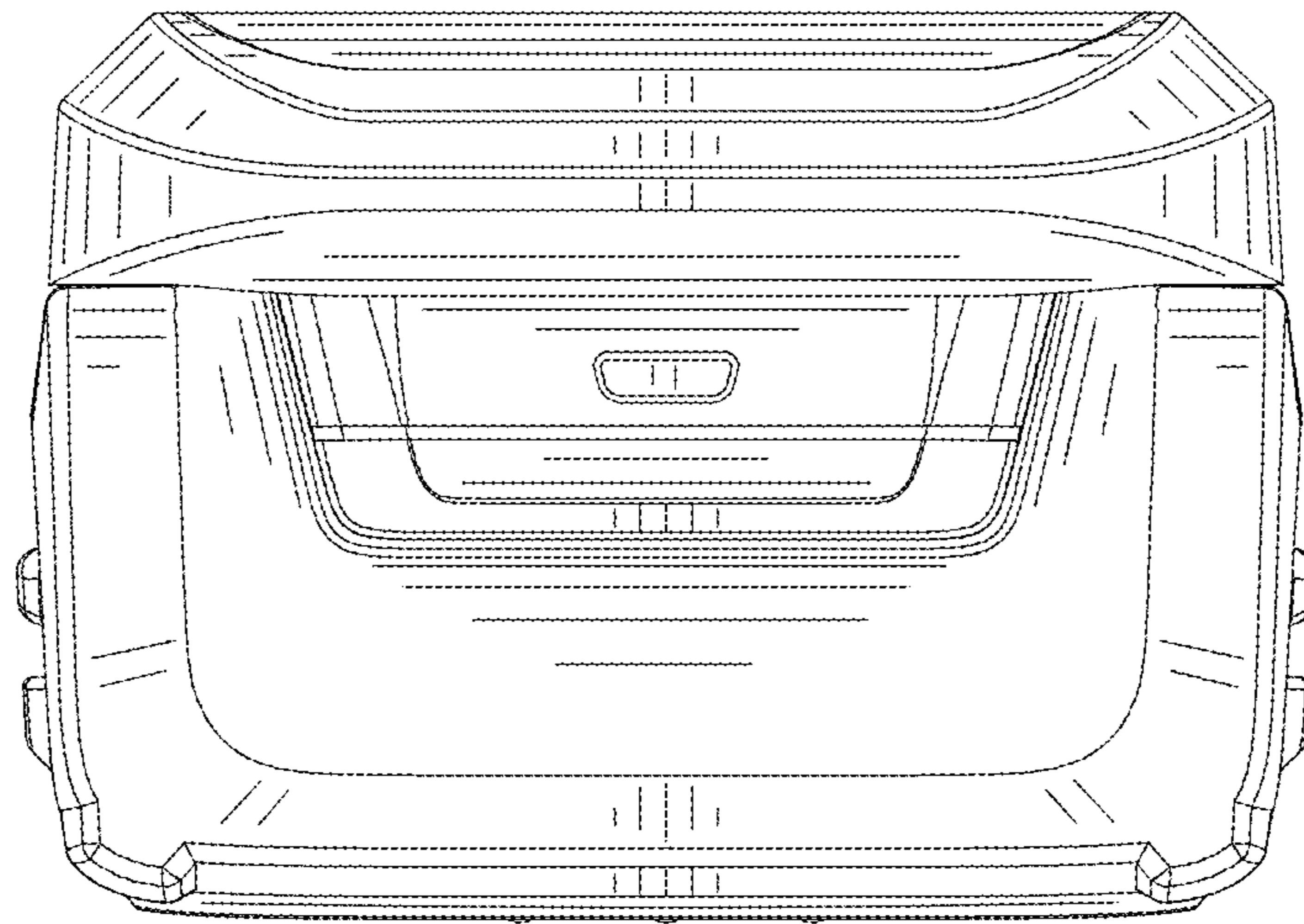


FIG. 7

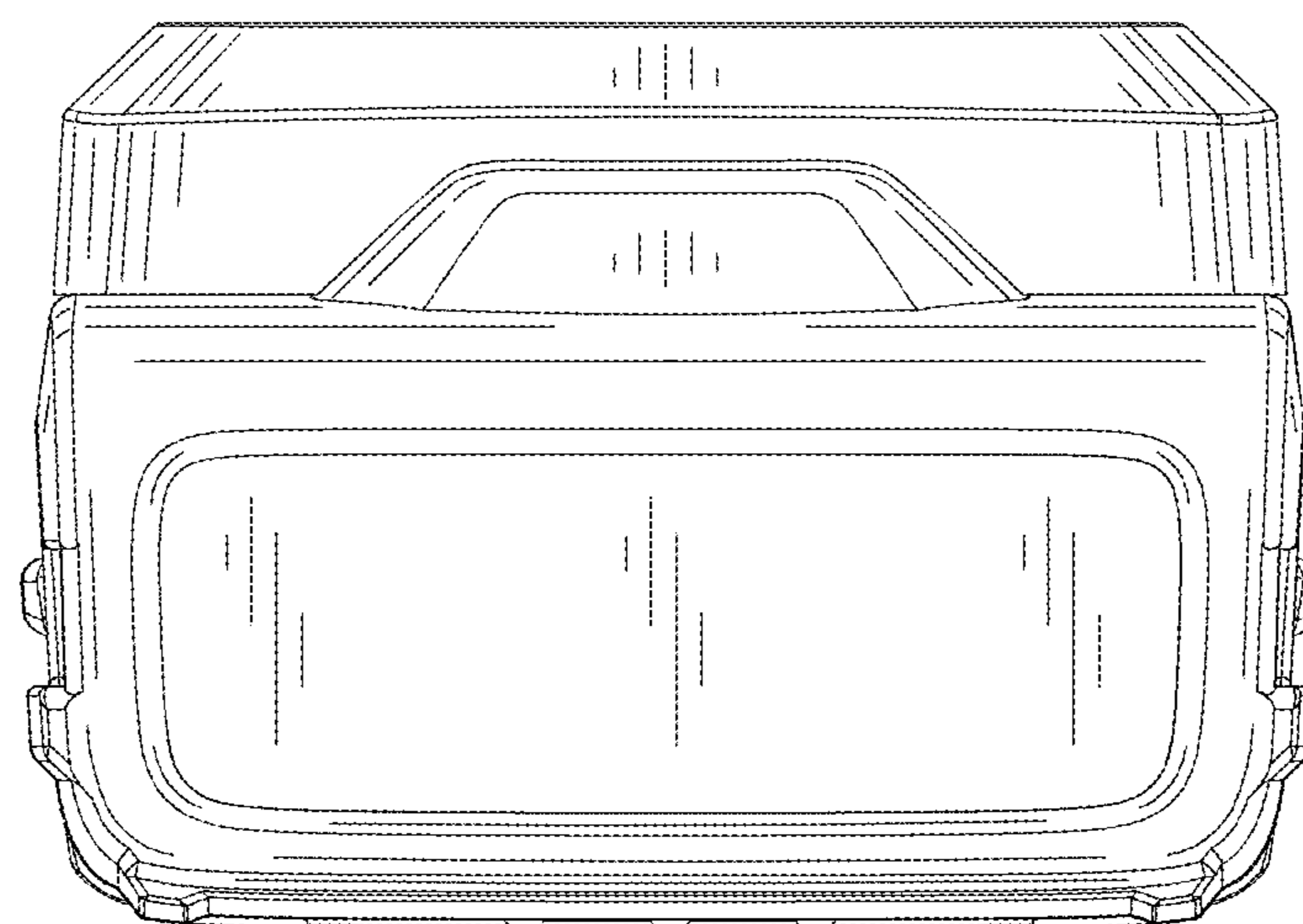


FIG. 8