



US00D836638S

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

(10) **Patent No.:** **US D836,638 S**
(45) **Date of Patent:** **** Dec. 25, 2018**

(54) **MOBILE COMPUTING DEVICE**

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

(21) Appl. No.: **29/590,926**

(22) Filed: **Jan. 13, 2017**

(51) **LOC (11) 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 R, 138 AA, 138 C, 342,
D14/343; 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, 385, 440, 383, 454,
235/462.01; D10/78; 324/426; D3/273;
710/73; D18/7; 361/679, 728, 679.56,
361/679.55, 679.59; 382/313, 321;
455/575.1, 561, 572, 557, 349, 556.1,
455/556.2, 90.3; 345/156, 168, 169, 172,
345/173, 87; 705/17, 18, 22-25
CPC G06F 1/626; G06F 1/1626; G06F 1/1656;
G06F 1/1632; G06F 1/1684; G06F
1/1635; G06F 1/163; G06F 1/1633; G06F
1/1613; G06F 1/1637; G06F 8/63; G06F
17/30091; G06F 9/4401; G06F 3/0202;
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 2207/1011; G06K
2207/1013; G06K 2207/1016; G06K
2207/1018; G06K 2017/0051; G06K
2017/0067; G06K 2007/10524; G06K
7/1095; G06K 7/089; G06K 7/10821;
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
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | | | |
|---------------|--------|--------|-------|------------|
| 4,214,658 A * | 7/1980 | Crow | | A24F 23/04 |
| | | | | 206/236 |
| 4,993,435 A * | 2/1991 | McCann | | A24F 13/00 |
| | | | | 131/175 |

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Primary Examiner — Susan Moon Lee

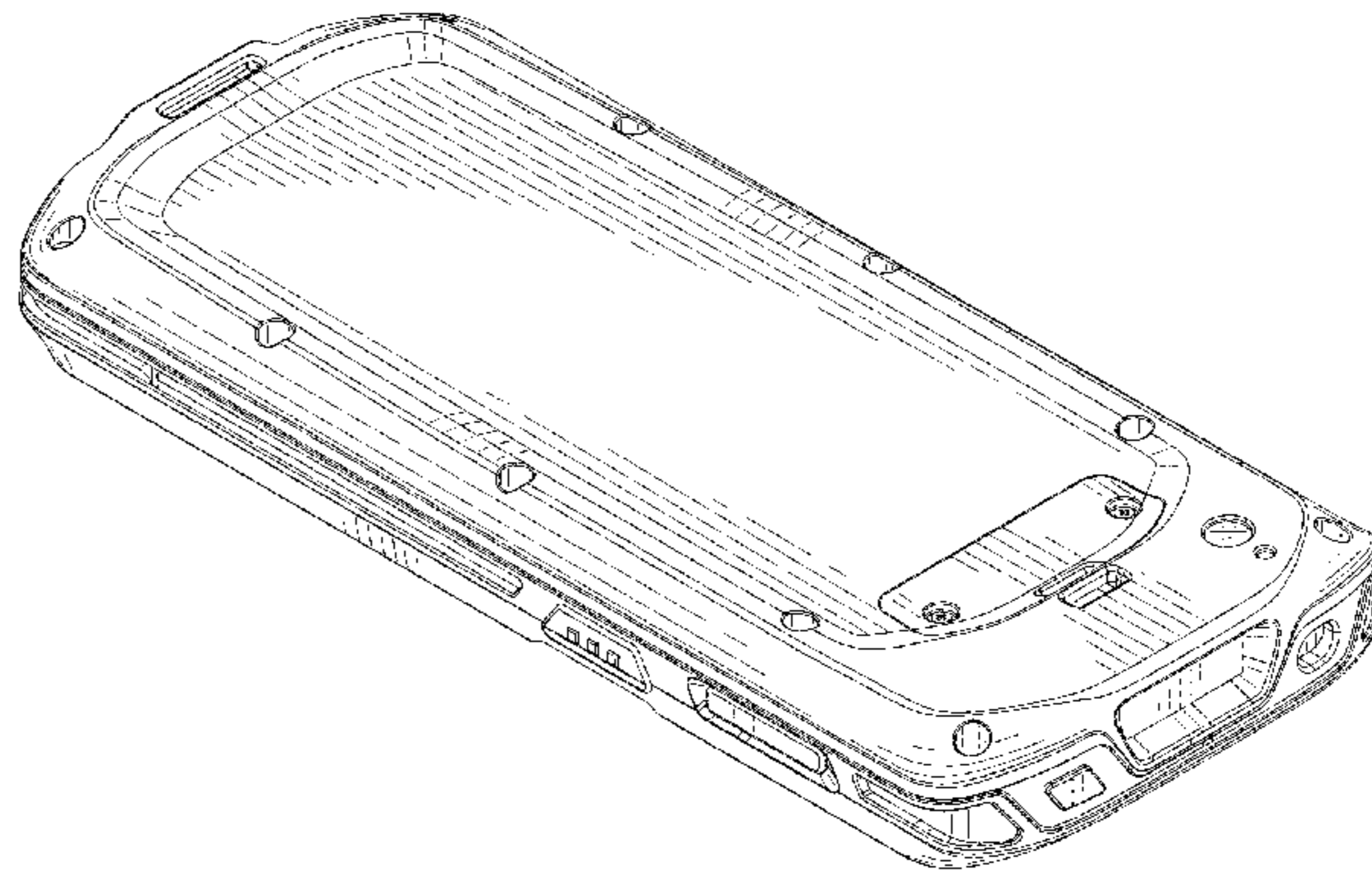
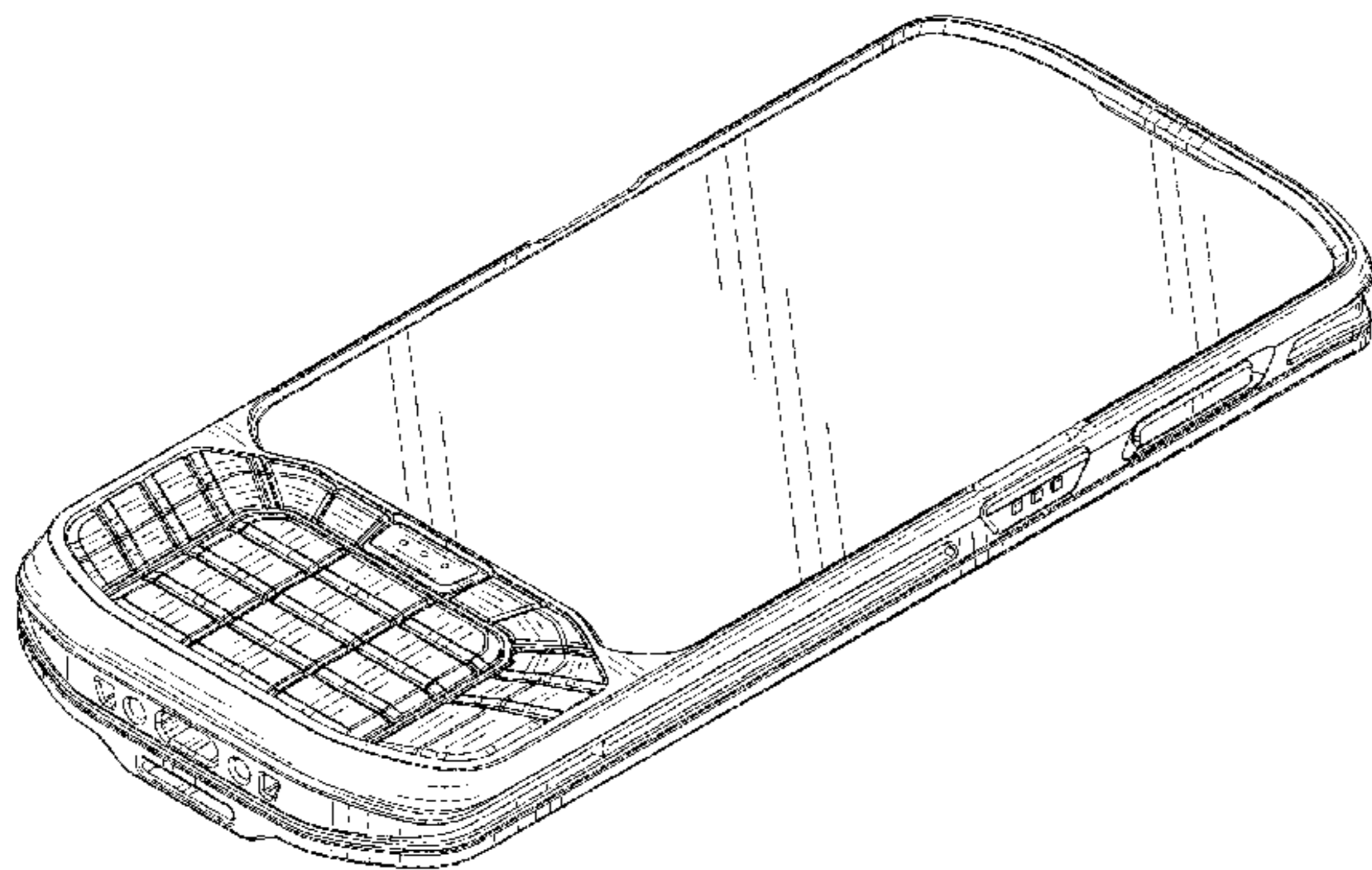
(57) **CLAIM**

We claim the ornamental design for a mobile computing device, as shown and described.

DESCRIPTION

FIG. 1 is a first perspective view of an example mobile computing device;
FIG. 2 is a second perspective view thereof;
FIG. 3 is a front view thereof;
FIG. 4 is a back view thereof;
FIG. 5 is a first side view thereof;
FIG. 6 is a second side view thereof;
FIG. 7 is a top view thereof; and,
FIG. 8 is a bottom view thereof.

1 Claim, 6 Drawing Sheets



(58) **Field of Classification Search**
 CPC 1/00307; H04N 1/107; H04N 2201/0084;
 H04N 2101/00; 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
 See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D325,579 S * 4/1992 Bouhuys D14/191
 D359,047 S * 6/1995 Brandsma D14/191
 D359,459 S * 6/1995 Summa D10/49
 D359,736 S * 6/1995 Ishibashi D14/191
 D371,633 S * 7/1996 Chenard D27/163
 D375,498 S * 11/1996 Scheid D14/191
 D385,565 S * 10/1997 Khoo D14/191
 D400,878 S * 11/1998 Scheid D14/191
 D417,216 S * 11/1999 Wolf D14/191
 D424,236 S * 5/2000 Reed D27/163
 D433,532 S * 11/2000 Higgins D27/186
 D436,222 S * 1/2001 Lim D27/141
 D440,200 S * 4/2001 Tsuboi D13/103
 6,244,273 B1 * 6/2001 Higgins A45D 19/02
 132/112
 D545,803 S * 7/2007 Chen D14/138 AA
 D547,859 S * 7/2007 Choi D24/113
 D563,379 S * 3/2008 Mai D14/138 AA
 D565,002 S * 3/2008 Pegon D14/138 AA
 D566,712 S * 4/2008 Ah D14/426
 D576,591 S * 9/2008 Aarras D14/138 AA
 D577,150 S * 9/2008 Bryman D27/163
 D580,902 S * 11/2008 Bolton D14/138 AA
 D585,367 S * 1/2009 Dunbar D13/108
 D591,742 S * 5/2009 Hofer D14/346
 D598,416 S * 8/2009 Kangasmaa D14/138 AA
 D598,885 S * 8/2009 Kangasmaa D14/138 AA
 D604,711 S * 11/2009 Lee D14/138 AA
 D608,325 S * 1/2010 Wang D14/138 AA
 D608,749 S * 1/2010 Wang D14/138 AA
 D608,750 S * 1/2010 He D14/138 AA
 D609,207 S * 2/2010 Leung D14/138 AA
 D609,208 S * 2/2010 Cheng D14/138 AA
 D609,209 S * 2/2010 Cheng D14/138 AA
 D609,663 S * 2/2010 Kao D14/138 AA
 D610,566 S * 2/2010 Chang D14/138 AA
 D611,022 S * 3/2010 Puhalla D14/138 AA
 D612,329 S * 3/2010 Guccione D13/108
 D617,765 S * 6/2010 Liu D14/138 AA
 D628,552 S * 12/2010 Nuovo D14/138 AA
 D630,608 S * 1/2011 Choi D14/138 AA
 D631,457 S * 1/2011 Mo D14/138 AA
 D631,863 S * 2/2011 Park D14/138 AA
 D633,079 S * 2/2011 Hsu D14/203.7
 D637,988 S * 5/2011 Jinkinson D14/138 AA
 D637,991 S * 5/2011 Hu D14/138 AA
 D639,262 S * 6/2011 Harrison D14/138 AA
 D639,768 S * 6/2011 Yang D14/138 AA
 D641,336 S * 7/2011 Chung D14/138 AA
 D643,394 S * 8/2011 Kao D14/138 AA
 D643,807 S * 8/2011 Jiang D13/103
 D643,828 S * 8/2011 Chen D14/138 AA
 7,987,819 B1 * 8/2011 Bridges A01K 13/001
 119/604
 D647,868 S * 11/2011 Harrison D14/138 AA
 D648,699 S * 11/2011 Park D14/138 AA
 D652,016 S * 1/2012 Han D14/138 AA
 D654,904 S * 2/2012 Huang D14/138 AA

D658,625 S * 5/2012 Paradise D14/138 AA
 D663,712 S * 7/2012 Chen D14/138 AA
 D664,942 S * 8/2012 Boucquey D14/138 AA
 D674,796 S * 1/2013 Cullen D14/426
 D679,262 S * 4/2013 Cai D14/138 AA
 D682,238 S * 5/2013 Park D14/138 AA
 D687,008 S * 7/2013 Sugioka D14/138 AA
 D687,408 S * 8/2013 Park D14/138 AA
 D691,578 S * 10/2013 Hofer D14/138 AA
 D691,982 S * 10/2013 Hofer D14/138 AA
 D710,323 S * 8/2014 Harmon D14/138 AA
 D717,243 S * 11/2014 Liu D13/103
 D720,323 S * 12/2014 Cho D14/138 AA
 D721,705 S * 1/2015 Lim D14/426
 D722,018 S * 2/2015 Wang D13/103
 D730,280 S * 5/2015 Koebler D13/107
 D733,051 S * 6/2015 Wang D13/103
 D743,099 S * 11/2015 Oglesby D27/101
 D748,325 S * 1/2016 Leidel D27/163
 9,300,106 B2 * 3/2016 Armbruster H01S 3/0407
 D756,032 S * 5/2016 Chen D27/189
 D758,004 S * 5/2016 Freshwater D27/163
 D758,655 S * 6/2016 Freshwater D27/163
 D758,656 S * 6/2016 Freshwater D27/163
 D761,999 S * 7/2016 Liu D27/101
 D763,185 S * 8/2016 Wen D13/103
 D768,331 S * 10/2016 Chen D27/101
 D769,520 S * 10/2016 Hua D27/167
 D770,678 S * 11/2016 Shin D27/163
 D771,561 S * 11/2016 Walker D13/103
 D771,867 S * 11/2016 Leidel D27/163
 D772,477 S * 11/2016 Shin D27/163
 D773,114 S * 11/2016 Leidel D27/163
 D775,762 S * 1/2017 Chen D27/101
 D776,051 S * 1/2017 Wang D13/103
 D780,116 S * 2/2017 Bing D13/107
 D781,812 S * 3/2017 Cho D14/204
 D787,440 S * 5/2017 Pignotti D13/108
 D788,362 S * 5/2017 Qiu D27/101
 D788,364 S * 5/2017 Chen D27/163
 D791,077 S * 7/2017 Tsou D13/108
 D795,830 S * 8/2017 Lee D14/138 AA
 D798,497 S * 9/2017 Scheiber D27/101
 D800,377 S * 10/2017 Liu D27/101
 D805,470 S * 12/2017 Qiu D13/103
 D807,286 S * 1/2018 Qiu D13/103
 D808,073 S * 1/2018 Leidel D27/162
 D812,000 S * 3/2018 Li D13/108
 D814,405 S * 4/2018 Hahn D13/107
 D815,036 S * 4/2018 Martorell D13/108
 D818,946 S * 5/2018 Liu D13/103
 D819,880 S * 6/2018 Qiu D27/101
 D821,640 S * 6/2018 Qiu D27/162
 D822,018 S * 7/2018 Kim D14/341
 2004/0173163 A1 * 9/2004 Bond A01K 13/001
 119/651
 2006/0103242 A1 * 5/2006 Lin H02J 9/062
 307/66
 2008/0121244 A1 * 5/2008 Bryman A24F 3/00
 131/328
 2009/0108802 A1 * 4/2009 Wu H01M 10/425
 320/103
 2010/0313901 A1 * 12/2010 Fernando A24F 47/008
 131/330
 2011/0162663 A1 * 7/2011 Bryman A24F 3/00
 131/226
 2015/0148686 A1 * 5/2015 Baym A61B 5/445
 600/476
 2015/0155726 A1 * 6/2015 Duan H01H 13/50
 320/113
 2017/0266374 A1 * 9/2017 Pananen A61M 5/14566

* cited by examiner

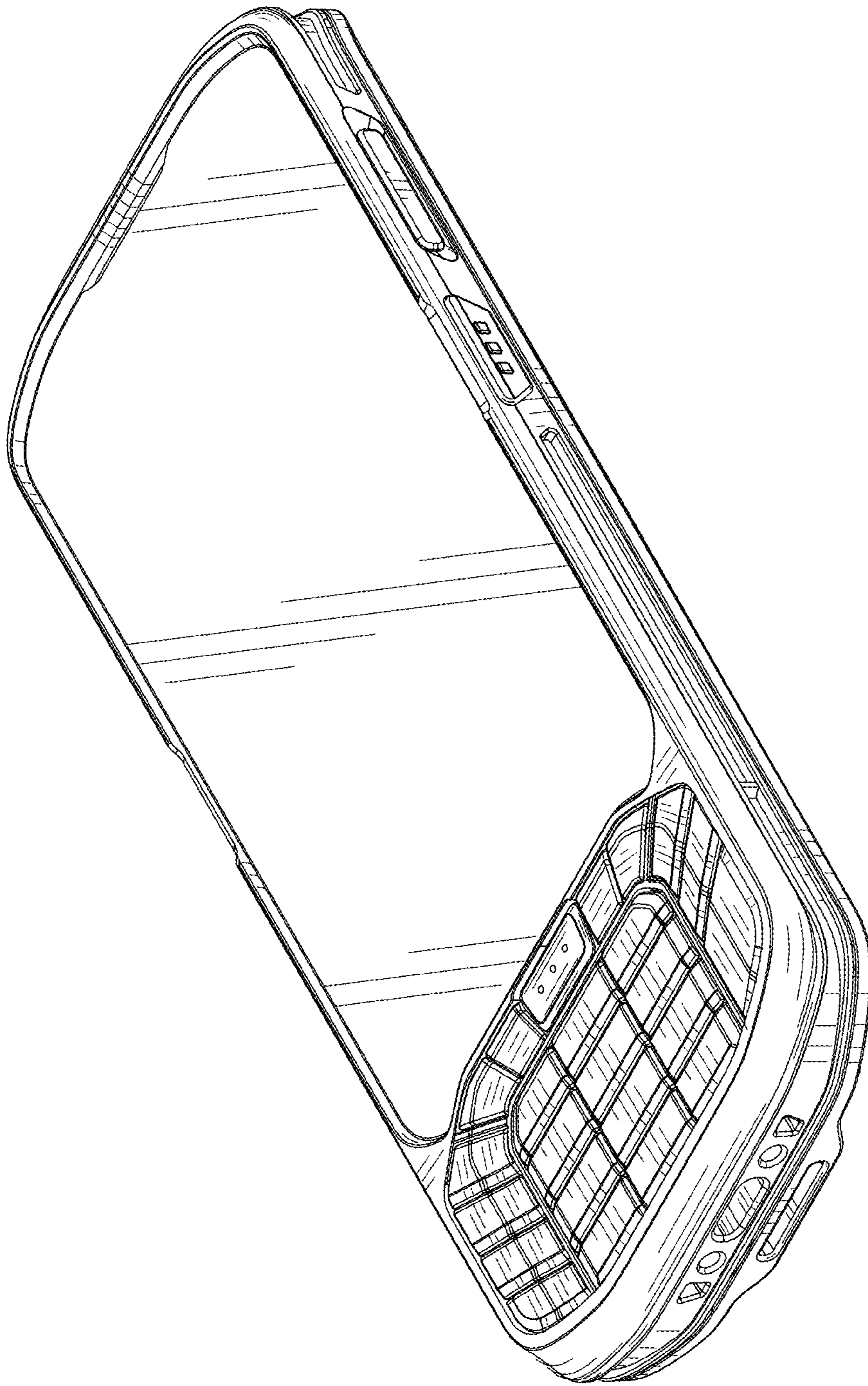


FIG. 1

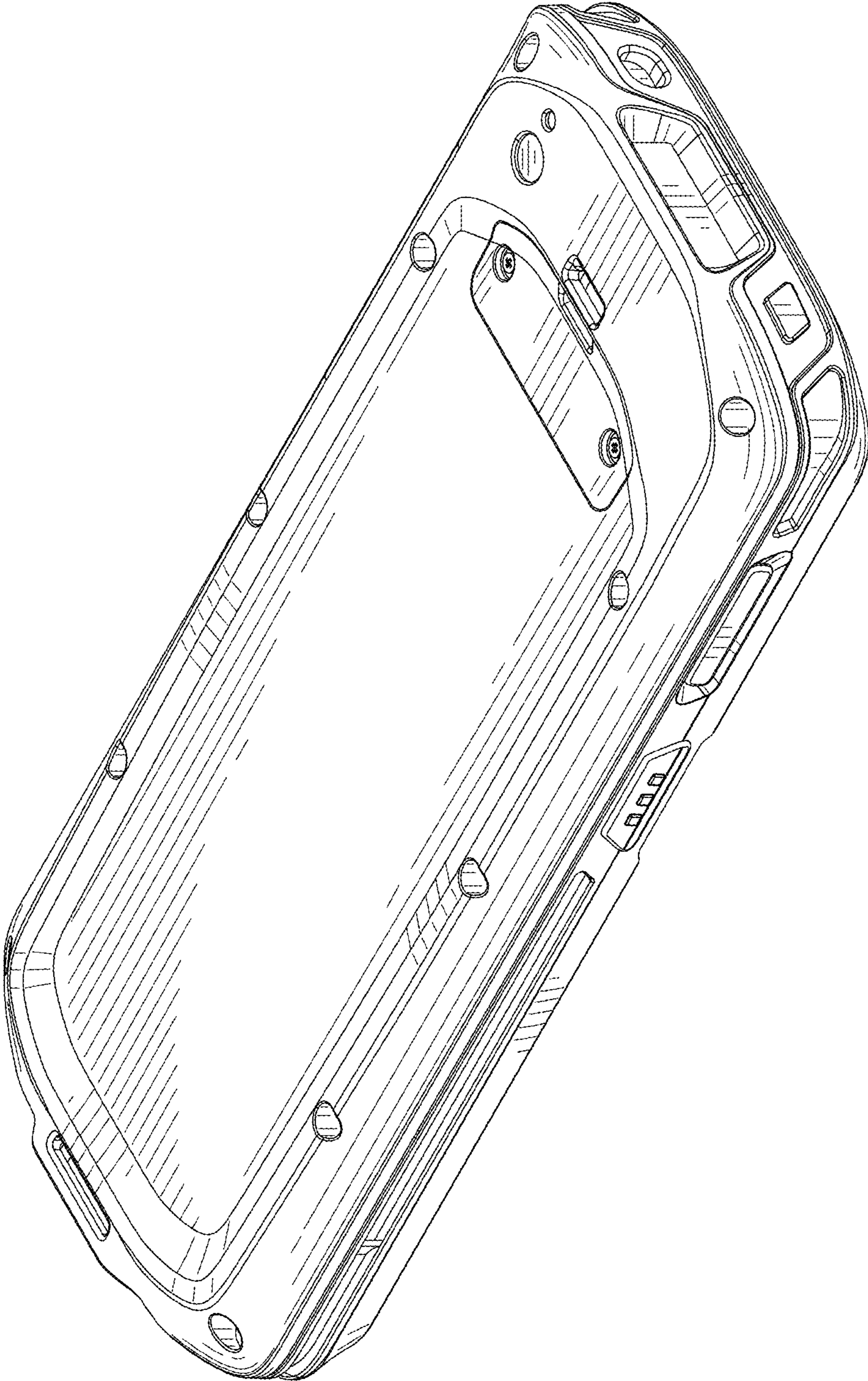


FIG. 2

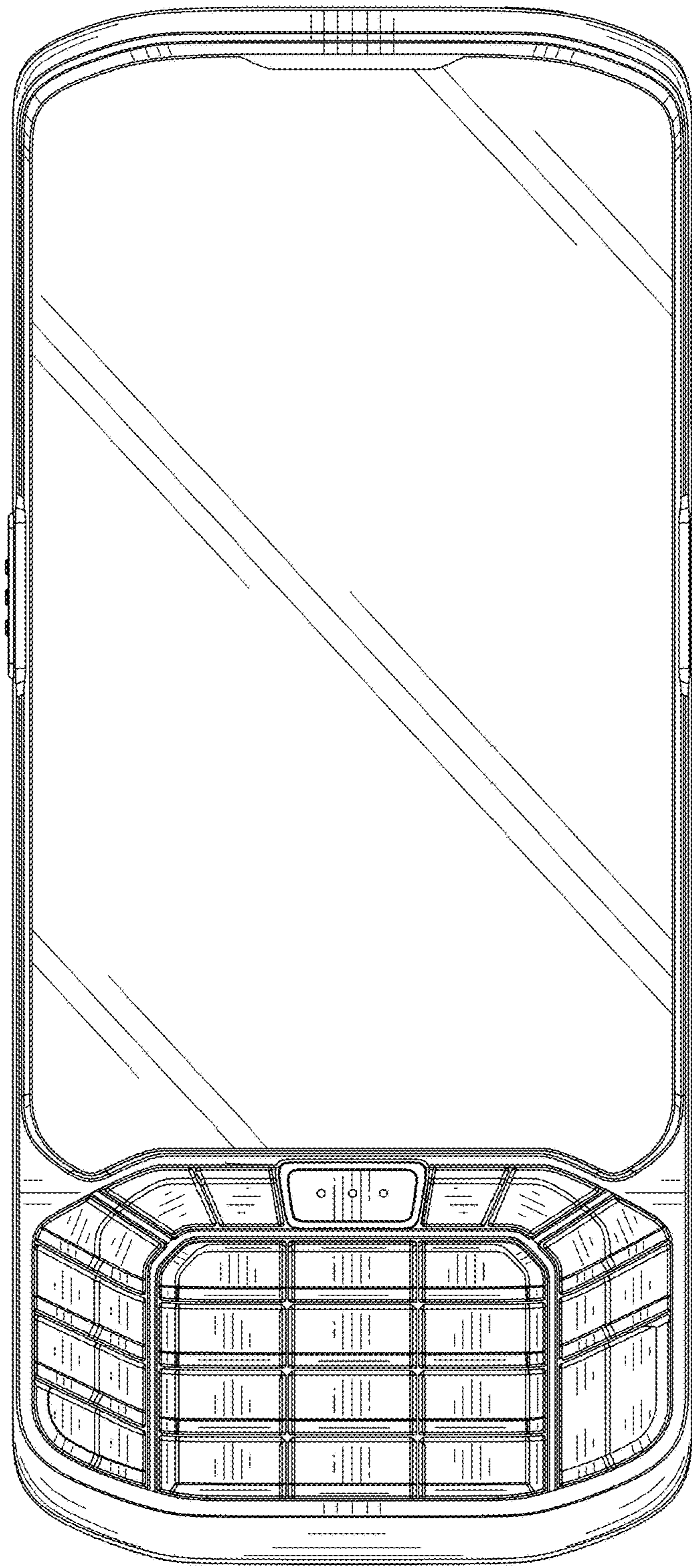


FIG. 3

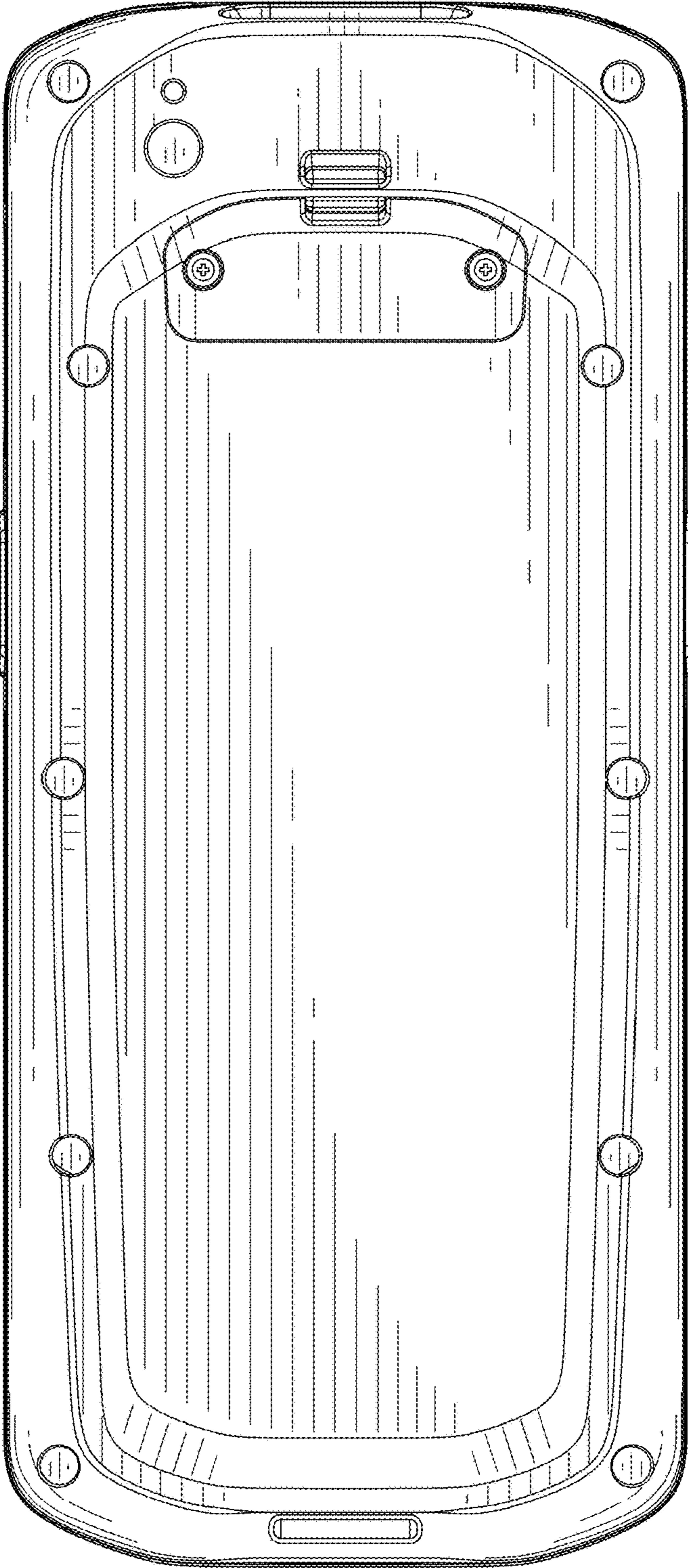


FIG. 4

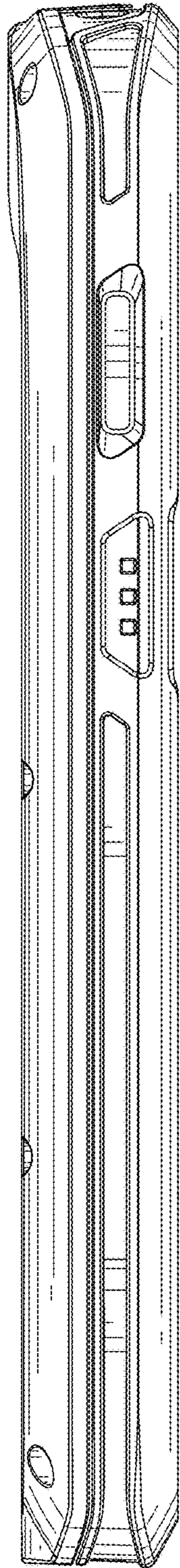


FIG. 5

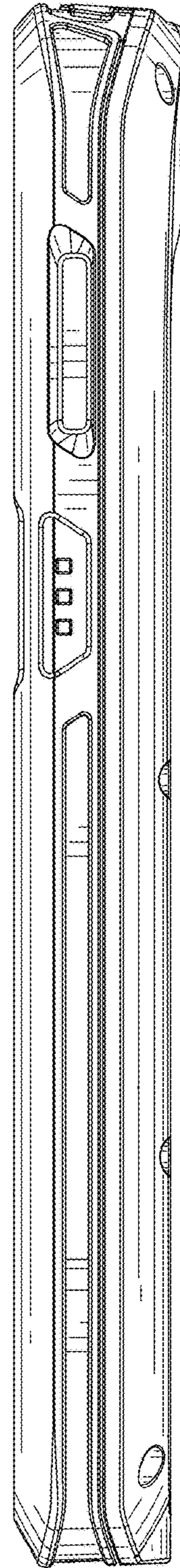


FIG. 6

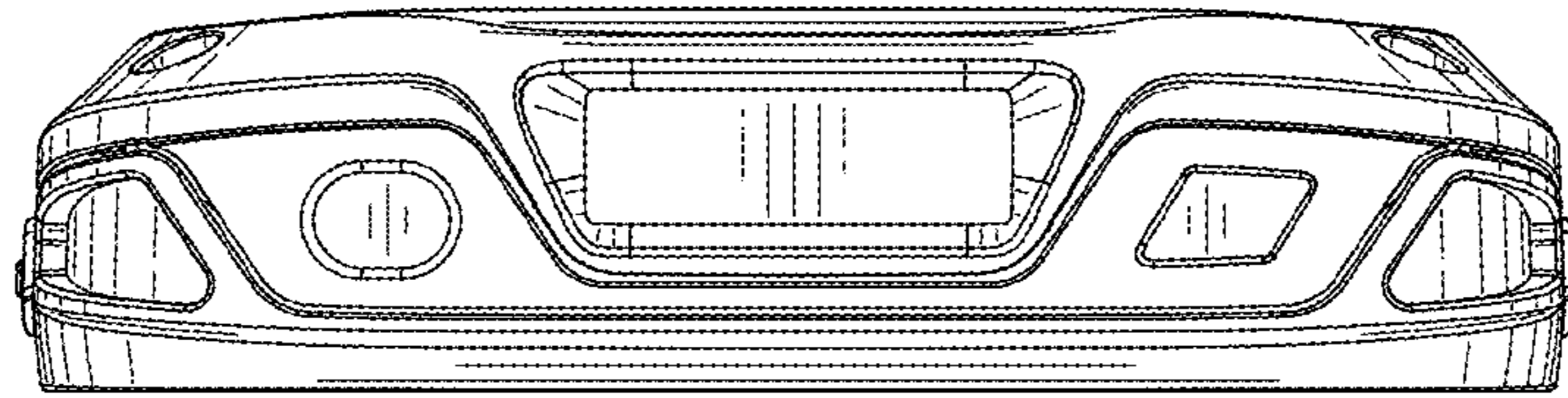


FIG. 7

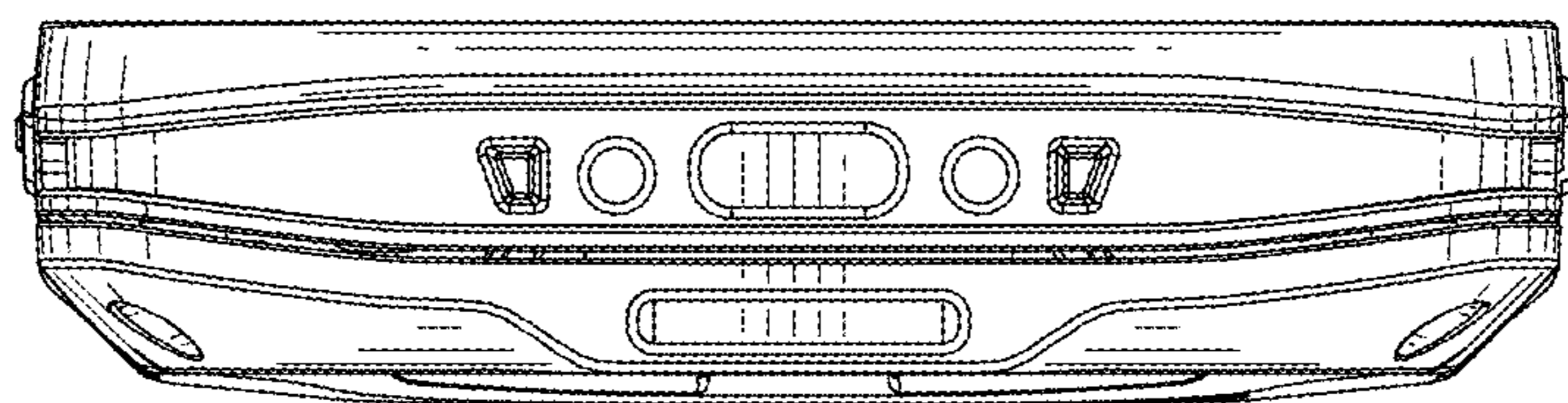


FIG. 8