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(12) **United States Design Patent** (10) **Patent No.:** **US D870,733 S**  
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(54) **MOBILE COMPUTING DEVICE**

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Jan. 13, 2017, now Pat. No. Des. 836,638.

(51) **LOC (12) Cl.** ..... **14-02**

(52) **U.S. Cl.**  
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(58) **Field of Classification Search**

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D14/343, 390, 399-401, 455, 138 G,  
D14/138 AB, 247; D13/107, 184;  
358/473; 235/462.43, 462.45, 462.47,  
235/462.48, 462.44, 462.46, 487, 472.01,  
235/472.02, 145 A, 145 R, 385, 440, 383,  
235/454, 462.01; D10/78; 324/426;  
D3/273; 710/73; D18/7; 361/679, 728,  
361/679.56, 679.55, 679.59; 382/313,  
382/321; 455/575.1, 561, 572, 557, 349,  
455/556.1, 556.2, 90.3; 345/156, 168,  
345/169, 172, 173, 87; 705/17, 18,  
705/22-25

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

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,214,658 A 7/1980 Crow  
4,993,435 A 2/1991 McCann

(Continued)

*Primary Examiner* — Susan Moon Lee

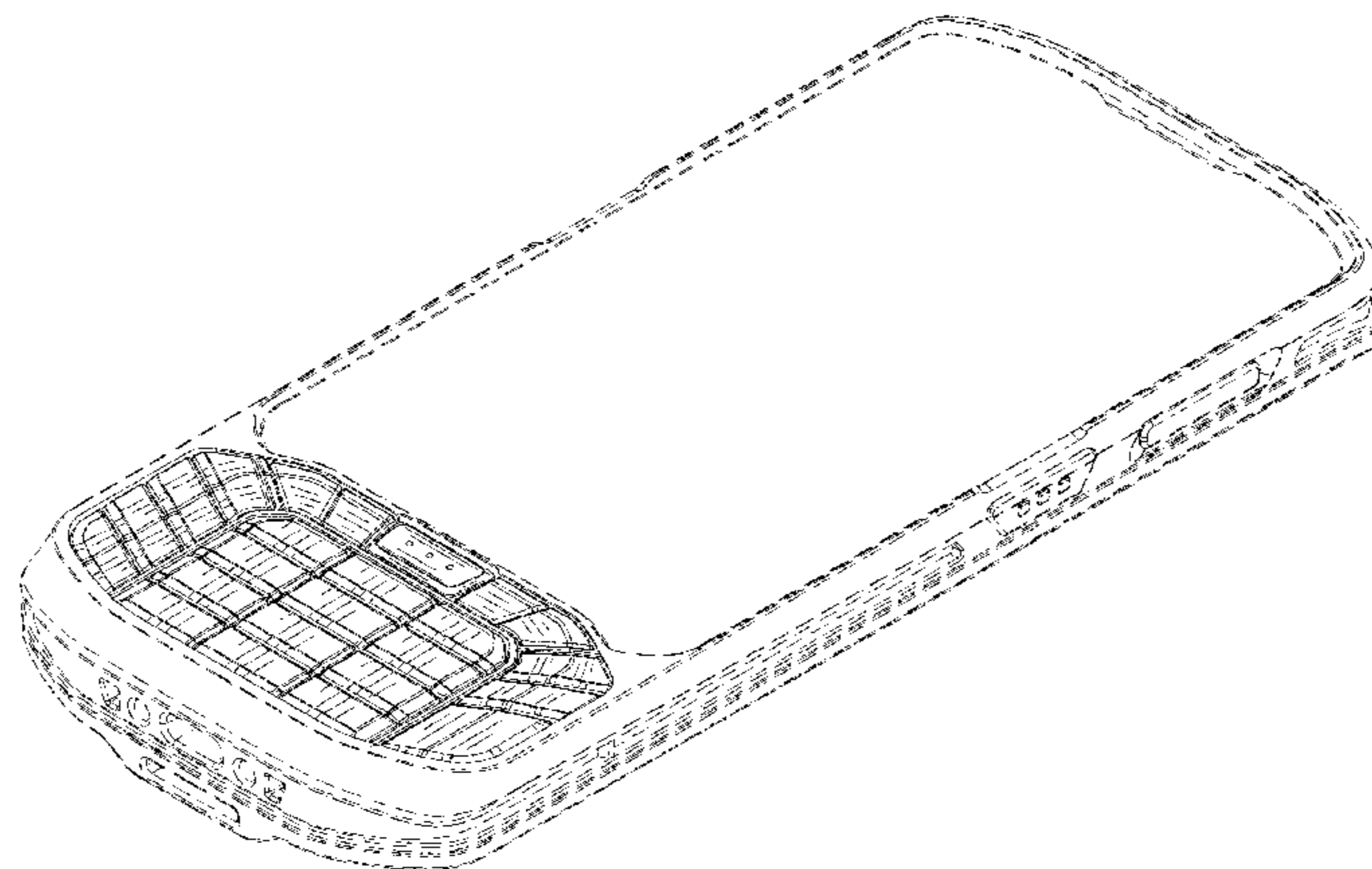
(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a first perspective view of a 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.  
The broken lines and unshaded portions contained within  
broken lines depict unclaimed features of the mobile com-  
puting device that form no part of the design claim but are  
shown for illustrative purposes.

**1 Claim, 6 Drawing Sheets**



(58) **Field of Classification Search**

CPC ..... 2207/1016; G06K 2207/2018; G06K  
2017/0051; G06K 2017/0067; G06K  
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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  
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H04N 2201/0084; H04N 2101/00; H04M  
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H04M 1/18; H04M 1/23; H04M 1/236;  
H04B 1/3827; H04B 1/3833; H04B  
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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  
D359,047 S 6/1995 Brandsma  
D359,459 S 6/1995 Summa  
D359,736 S 6/1995 Ishibashi  
D371,633 S 7/1996 Chenard  
D375,498 S 11/1996 Scheid  
D385,565 S 10/1997 Khoo  
D400,878 S 11/1998 Scheid  
D417,216 S 11/1999 Wolf  
D424,236 S 5/2000 Reed  
D433,532 S 11/2000 Higgins  
D436,222 S 1/2001 Lim  
D440,200 S 4/2001 Tsuboi  
6,244,273 B1 6/2001 Higgins  
D502,455 S \* 3/2005 Brandis ..... D14/138 AA  
D503,162 S \* 3/2005 Kagami ..... D14/138 AA  
D516,547 S \* 3/2006 Tyneski ..... D14/247  
D518,458 S \* 4/2006 Husgafvel ..... D14/138 AA  
D518,806 S \* 4/2006 Husgafvel ..... D14/138 AA  
D521,506 S \* 5/2006 Tyneski ..... D14/247  
D524,279 S \* 7/2006 Lai ..... D14/138 AA  
D524,803 S \* 7/2006 Tyneski ..... D14/247  
D539,791 S \* 4/2007 Sheu ..... D14/247  
D542,259 S \* 5/2007 Cho ..... D14/138 AA  
D543,200 S \* 5/2007 Husgafvel ..... D14/248  
D543,201 S \* 5/2007 Husgafvel ..... D14/248  
D543,530 S \* 5/2007 Ahn ..... D14/138 AA  
D544,474 S \* 6/2007 Kim ..... D14/247  
D544,858 S \* 6/2007 Lyles ..... D14/247  
D545,803 S 7/2007 Chen  
D547,859 S 7/2007 Choi  
D550,661 S \* 9/2007 Fahlgren ..... D14/247  
D555,642 S \* 11/2007 Holmung ..... D14/247  
D561,751 S \* 2/2008 Husgafvel ..... D14/247  
D563,359 S \* 3/2008 Kim ..... D14/138 AB  
D563,379 S 3/2008 Mai  
D565,002 S 3/2008 Pegon  
D566,712 S 4/2008 Ah  
D568,880 S \* 5/2008 Husgafvel ..... D14/247  
D569,859 S \* 5/2008 Nuovo ..... D14/247  
D570,832 S \* 6/2008 Ruohonen ..... D14/247  
D575,753 S \* 8/2008 Lee ..... D14/138 AB  
D576,591 S 9/2008 Aarras  
D577,150 S 9/2008 Bryman  
D580,902 S 11/2008 Bolton  
D580,940 S \* 11/2008 Dabov ..... D14/455  
D585,367 S 1/2009 Dunbar  
D586,341 S \* 2/2009 Husgafvel ..... D14/247  
D591,742 S 5/2009 Hofer  
D594,869 S \* 6/2009 Rak ..... D14/247  
D598,416 S 8/2009 Kangasmaa  
D598,885 S 8/2009 Kangasmaa

D601,981 S \* 10/2009 Kim ..... D14/138 AA  
D604,711 S 11/2009 Lee  
D605,186 S \* 12/2009 Nuovo ..... D14/247  
D608,319 S \* 1/2010 Nuovo ..... D14/138 AA  
D608,325 S 1/2010 Wang  
D608,749 S 1/2010 Wang  
D608,750 S 1/2010 He  
D609,207 S 2/2010 Leung  
D609,208 S 2/2010 Cheng  
D609,209 S 2/2010 Cheng  
D609,663 S 2/2010 Kao  
D610,141 S \* 2/2010 Griffin ..... D14/346  
D610,566 S 2/2010 Ghang  
D610,578 S \* 2/2010 Oh ..... D14/247  
D611,022 S 3/2010 Puhalla  
D611,464 S \* 3/2010 Salazar ..... D14/247  
D612,329 S 3/2010 Guccione  
D612,828 S \* 3/2010 Salazar ..... D14/138 AB  
D617,765 S 6/2010 Liu  
D628,552 S 12/2010 Nuovo  
D630,608 S 1/2011 Choi  
D631,457 S 1/2011 Mo  
D631,863 S 2/2011 Park  
D633,079 S 2/2011 Hsu  
D637,988 S 5/2011 Jinkinson  
D637,991 S 5/2011 Hu  
D639,262 S 6/2011 Harrison  
D639,768 S 6/2011 Yang  
D641,336 S 7/2011 Chung  
D643,394 S 8/2011 Kao  
D643,807 S 8/2011 Jiang  
D643,828 S 8/2011 Chen  
7,987,819 B1 8/2011 Bridges  
D647,083 S \* 10/2011 Nuovo ..... D14/248  
D647,868 S 11/2011 Harrison  
D648,698 S \* 11/2011 Suzuki ..... D14/138 G  
D648,699 S 11/2011 Park  
D652,016 S 1/2012 Han  
D652,413 S \* 1/2012 Salazar ..... D14/247  
D654,904 S 2/2012 Huang  
D658,625 S 5/2012 Paradise  
D663,712 S 7/2012 Chen  
D664,942 S 8/2012 Boucquey  
D674,796 S 1/2013 Cullen  
8,399,784 B2 \* 3/2013 Osborne ..... H01H 13/70  
200/341  
D679,262 S 4/2013 Cai  
D682,238 S 5/2013 Park  
D686,601 S \* 7/2013 Nuovo ..... D14/247  
D687,008 S 7/2013 Sugioka  
D687,408 S 8/2013 Park  
D691,578 S 10/2013 Hofer  
D691,982 S 10/2013 Hofer  
D710,323 S 8/2014 Harmon  
D717,243 S 11/2014 Liu  
D720,323 S 12/2014 Cho  
D721,705 S 1/2015 Lim  
D722,018 S 2/2015 Wang  
D730,280 S 5/2015 Koebler  
D733,051 S 6/2015 Wang  
D743,099 S 11/2015 Oglesby  
D748,325 S 1/2016 Leidel  
9,300,106 B2 3/2016 Armbruster  
D756,032 S 5/2016 Chen  
D758,004 S 5/2016 Freshwater  
D758,655 S 6/2016 Freshwater  
D758,656 S 6/2016 Freshwater  
D761,999 S 7/2016 Liu  
D763,185 S 8/2016 Wen  
D768,331 S 10/2016 Chen  
D769,520 S 10/2016 Hua  
D770,678 S 11/2016 Shin  
D771,561 S 11/2016 Walker  
D771,867 S 11/2016 Leidel  
D772,477 S 11/2016 Shin  
D773,114 S 11/2016 Leidel  
D775,762 S 1/2017 Chen  
D776,051 S 1/2017 Wang  
D780,116 S 2/2017 Bing

(56)

**References Cited**

U.S. PATENT DOCUMENTS

D781,812 S	3/2017	Cho	2001/0042681 A1*	11/2001	Yoon	H01H 13/70 200/517
D787,440 S	5/2017	Pignotti	2002/0032011 A1*	3/2002	Park	H01H 13/7006 455/575.1
D788,362 S	5/2017	Qiu	2003/0083021 A1*	5/2003	Hsu	H04M 1/23 455/90.1
D788,364 S	5/2017	Chen	2004/0173163 A1	9/2004	Bond	
D791,077 S	7/2017	Tsou	2004/0204206 A1*	10/2004	Hutchison	G06F 1/1626 455/575.1
D795,830 S	8/2017	Lee	2006/0058063 A1*	3/2006	Bocking	H04M 1/72547 455/556.2
D798,497 S	9/2017	Scheiber	2006/0103242 A1	5/2006	Lin	
D800,377 S	10/2017	Liu	2006/0103553 A1*	5/2006	Pathiyal	G06F 1/1626 341/22
D805,470 S	12/2017	Qiu	2008/0121244 A1	5/2008	Bryman	
D807,286 S	1/2018	Qiu	2009/0108802 A1	4/2009	Wu	
D808,073 S	1/2018	Leidel	2010/0313901 A1	12/2010	Fernando	
D812,000 S	3/2018	Li	2011/0162663 A1	7/2011	Bryman	
D814,405 S	4/2018	Hahn	2015/0148686 A1	5/2015	Baym	
D815,036 S	4/2018	Martorell	2015/0155726 A1	6/2015	Duan	
D818,946 S	5/2018	Liu	2017/0266374 A1	9/2017	Pananen	
D819,880 S	6/2018	Qiu				
D821,640 S	6/2018	Qiu				
D822,018 S	7/2018	Kim				
D836,638 S	* 12/2018	Fountain	..... D14/426			* cited by examiner

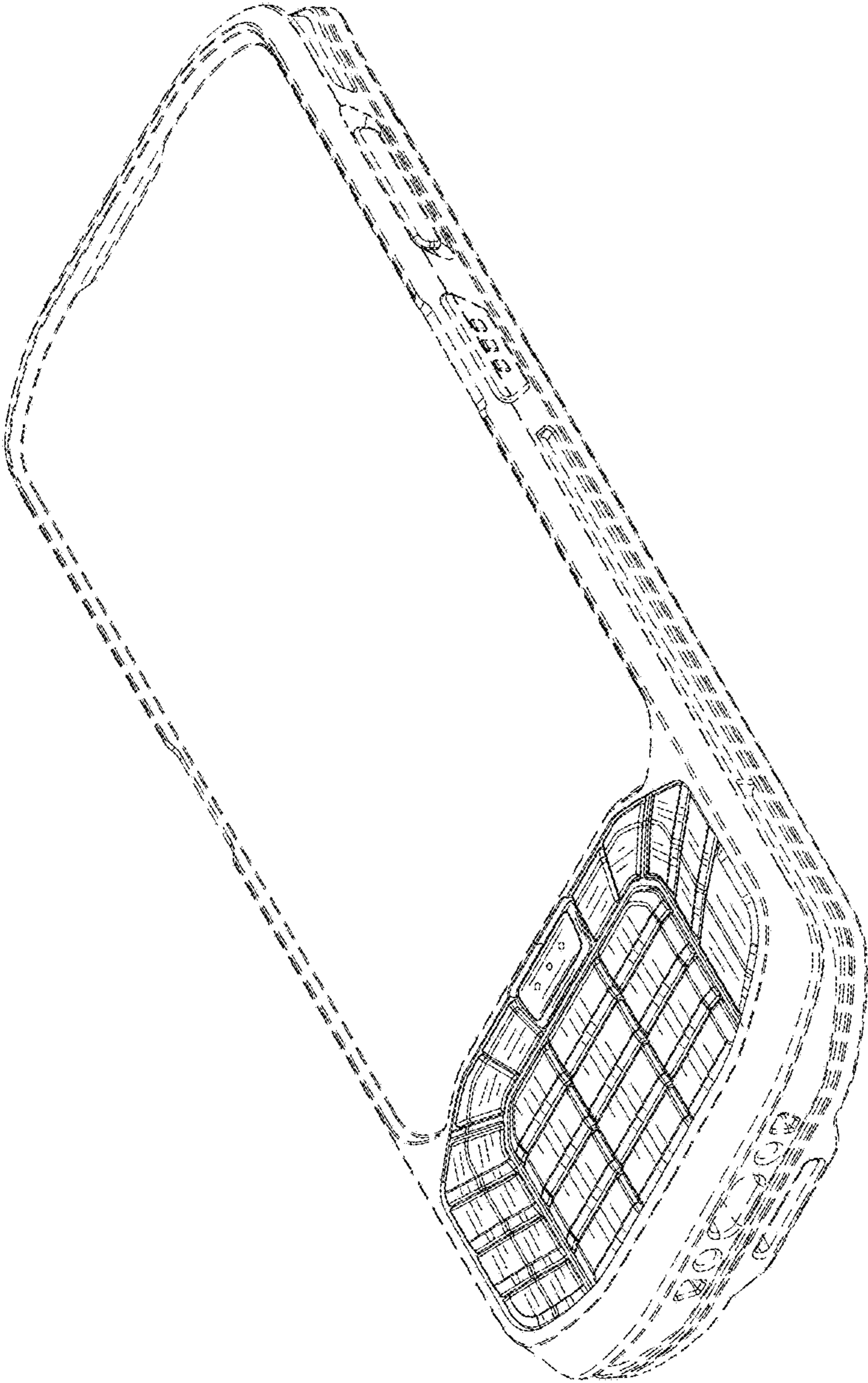


FIG. 1

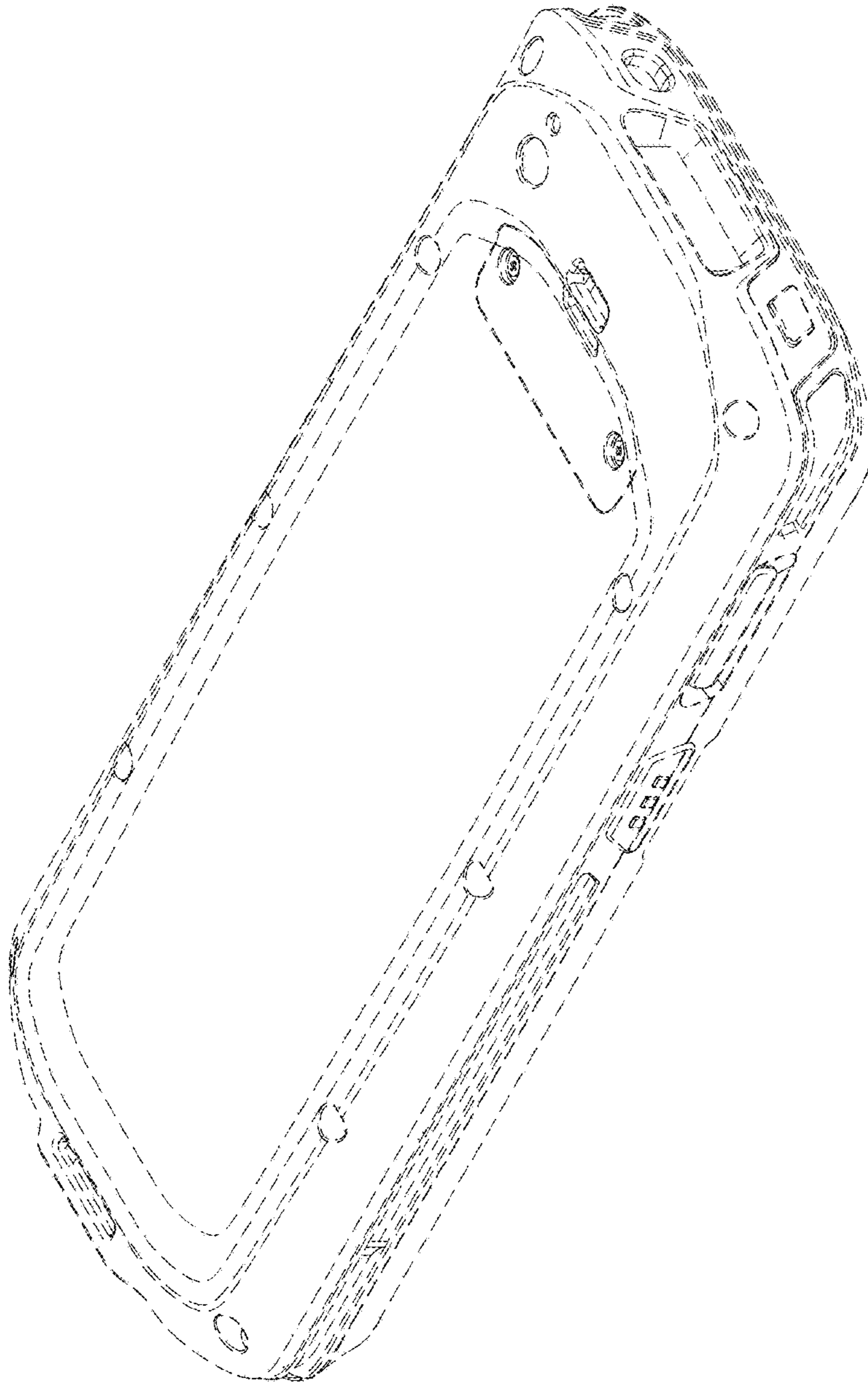


FIG. 2

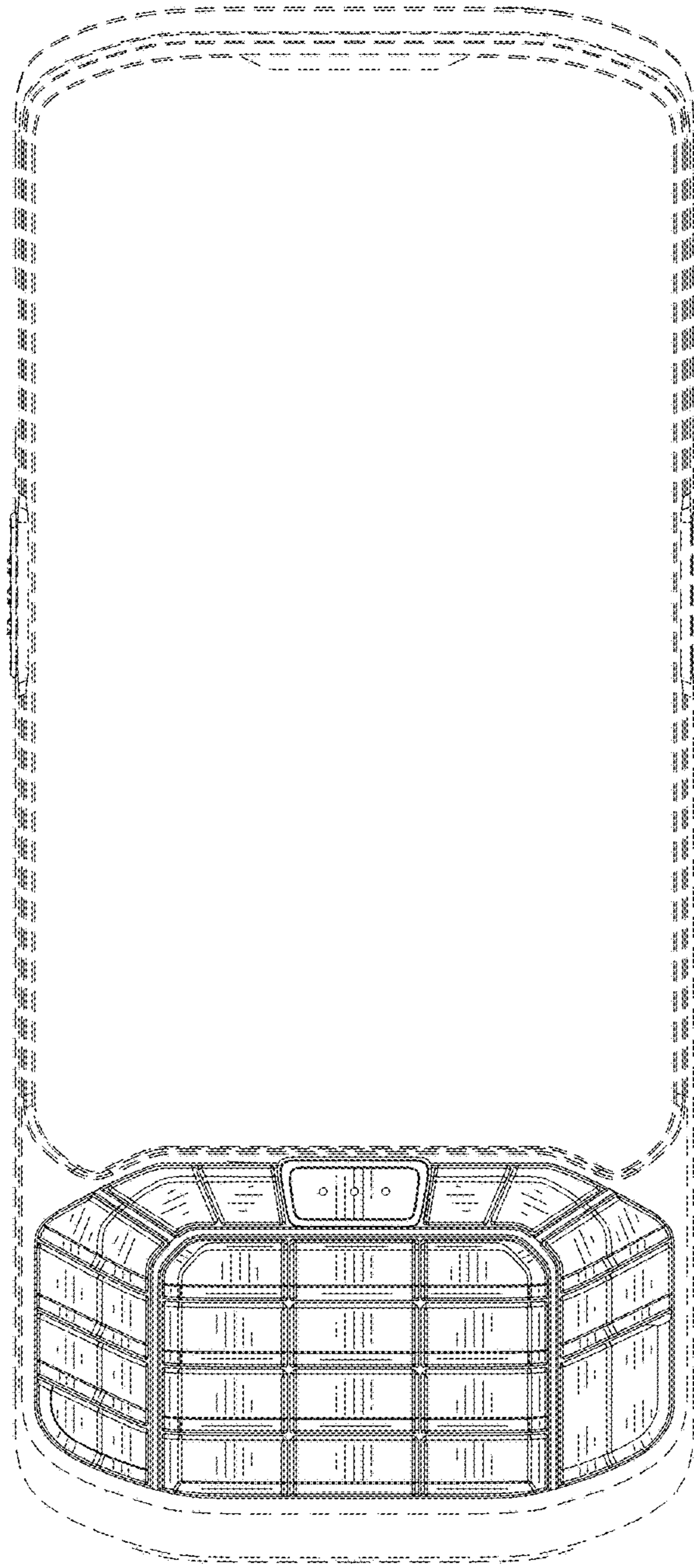


FIG. 3

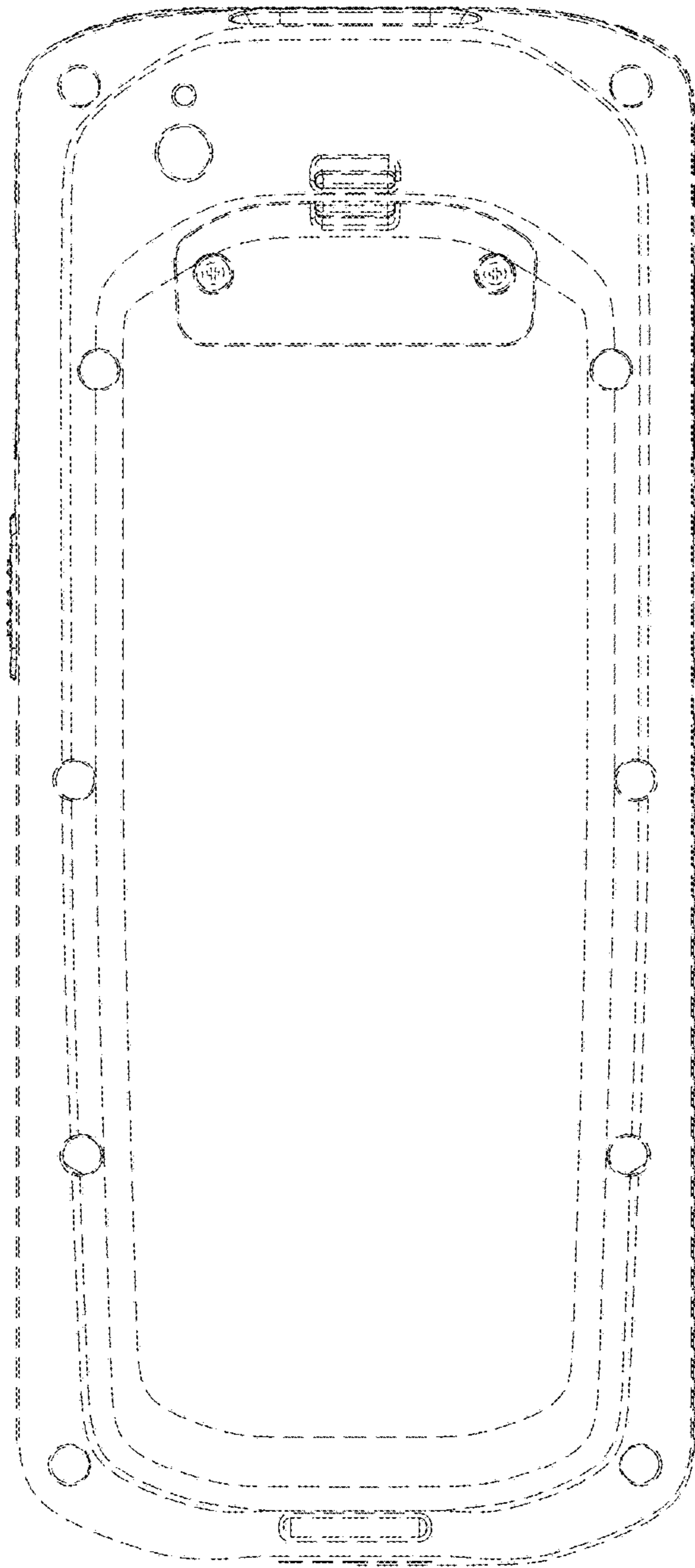


FIG. 4

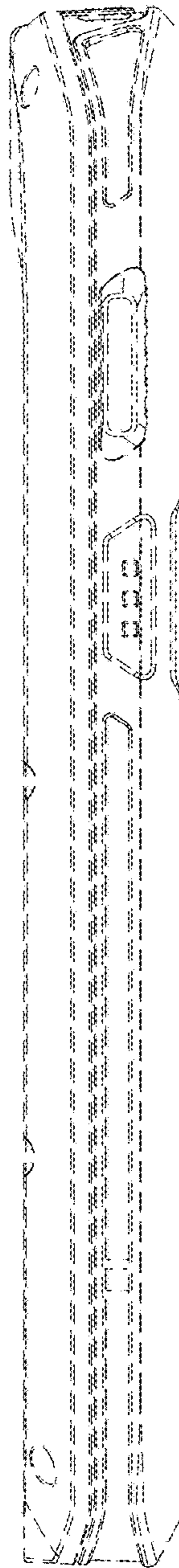


FIG. 5

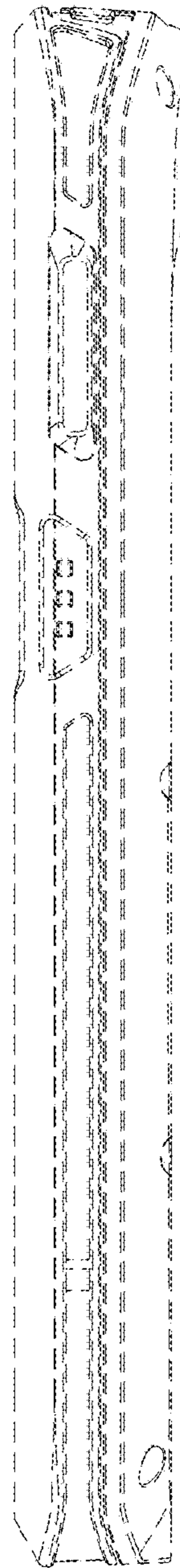


FIG. 6



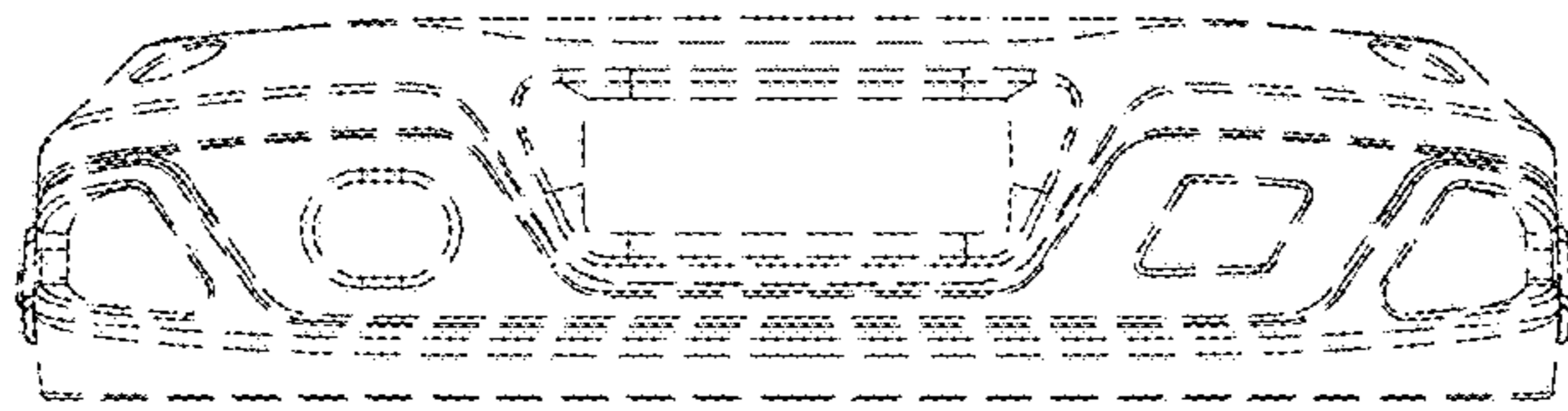


FIG. 7

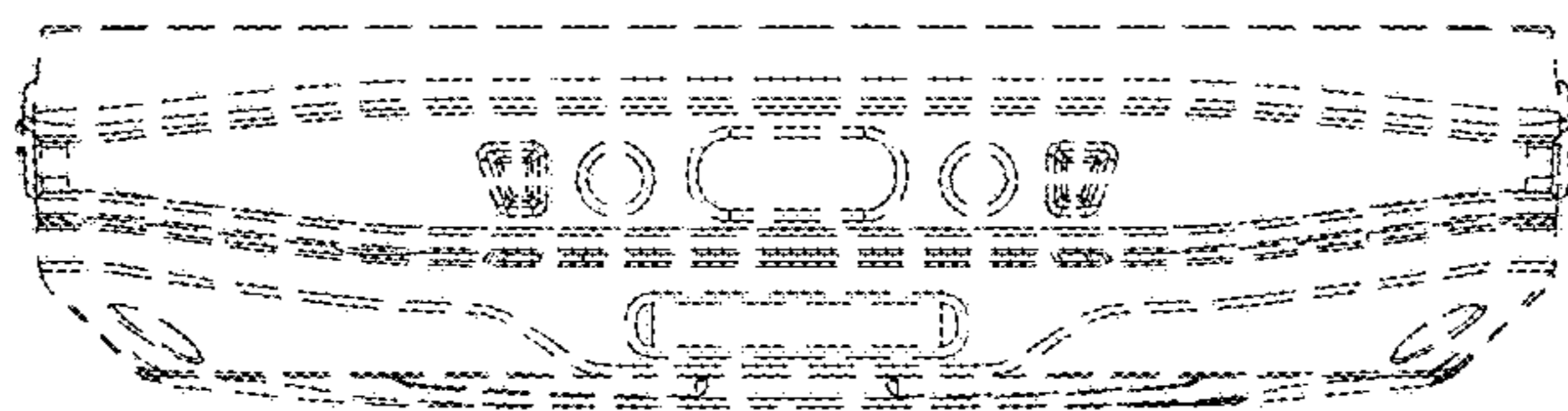


FIG. 8