

US00D677663S

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

(10) **Patent No.:** **US D677,663 S**
(45) **Date of Patent:** **** Mar. 12, 2013**

(54) **PORTABLE TERMINAL**

(75) Inventors: **Giovanni Minafó**, Cento (IT); **Monica Alegiani**, Silvi (IT)

(73) Assignee: **Datalogic IP TECH S.R.L.**, Lippo di Calderara di Reno (BO)

(**) Term: **14 Years**

(21) Appl. No.: **29/419,270**

(22) Filed: **Apr. 26, 2012**

(30) **Foreign Application Priority Data**

Nov. 4, 2011 (EM) 1942723

(51) **LOC (9) Cl.** **14-02**

(52) **U.S. Cl.** **D14/429; D14/426**

(58) **Field of Classification Search** D14/420,
D14/426-430, 453, 346, 341, 347, 412, 138;
D13/107, 184; 358/473; 235/462.43, 462.45,
235/462.47, 462.48, 462.44, 462.46, 487,
235/472.01, 472.02, 145 A, 145 R; D10/78;
324/426; D3/273; 710/73; D18/7; 361/679;
382/313, 321; 455/575.1, 561, 572; 345/156,
345/168, 169, 172, 173, 87

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D342,256 S 12/1993 Payne et al.
D344,501 S 2/1994 Gong et al.
D362,435 S 9/1995 Charych et al.
D376,989 S 12/1996 McCain
D381,975 S * 8/1997 Trausch et al. D14/426
D383,124 S * 9/1997 Lanzaro et al. D14/429
D386,152 S * 11/1997 Warneke D14/347
D391,234 S * 2/1998 Chacon et al. D14/341
5,736,726 A 4/1998 VanHorn et al.
D396,714 S 8/1998 Nuovo et al.
D398,002 S * 9/1998 Chacon et al. D14/456
D398,903 S * 9/1998 Chacon et al. D14/343
5,801,918 A * 9/1998 Ahearn et al. 361/679.55
D400,199 S 10/1998 Fitch et al.
D406,585 S 3/1999 Vuolteenaho et al.

D414,171 S 9/1999 Swift et al.
D414,172 S 9/1999 Hetfield et al.
D414,470 S 9/1999 Chacon et al.

(Continued)

FOREIGN PATENT DOCUMENTS

DE 20016762 U1 1/2001
EM 000469143 A1 3/2006

(Continued)

OTHER PUBLICATIONS

Photographs of Datalogic Falcon® [Model 4410] Scanner from Datalogic Mobile's web site, product first released circa 2005, 6 pages.

(Continued)

Primary Examiner — Susan Moon Lee

(74) *Attorney, Agent, or Firm* — Duane Morris LLP

(57) **CLAIM**

We claim the ornamental design for a portable terminal, as shown and described.

DESCRIPTION

This application is also related to copending U.S. Design application Ser. No. 29/419,278 to the same inventors filed on even date herewith.

FIG. 1 is a perspective front view of a portable terminal according to the present invention.

FIG. 2 is a perspective rear view of the portable terminal of FIG. 1.

FIG. 3 is a front view of the portable terminal of FIG. 1.

FIG. 4 is a rear view of the portable terminal of FIG. 1.

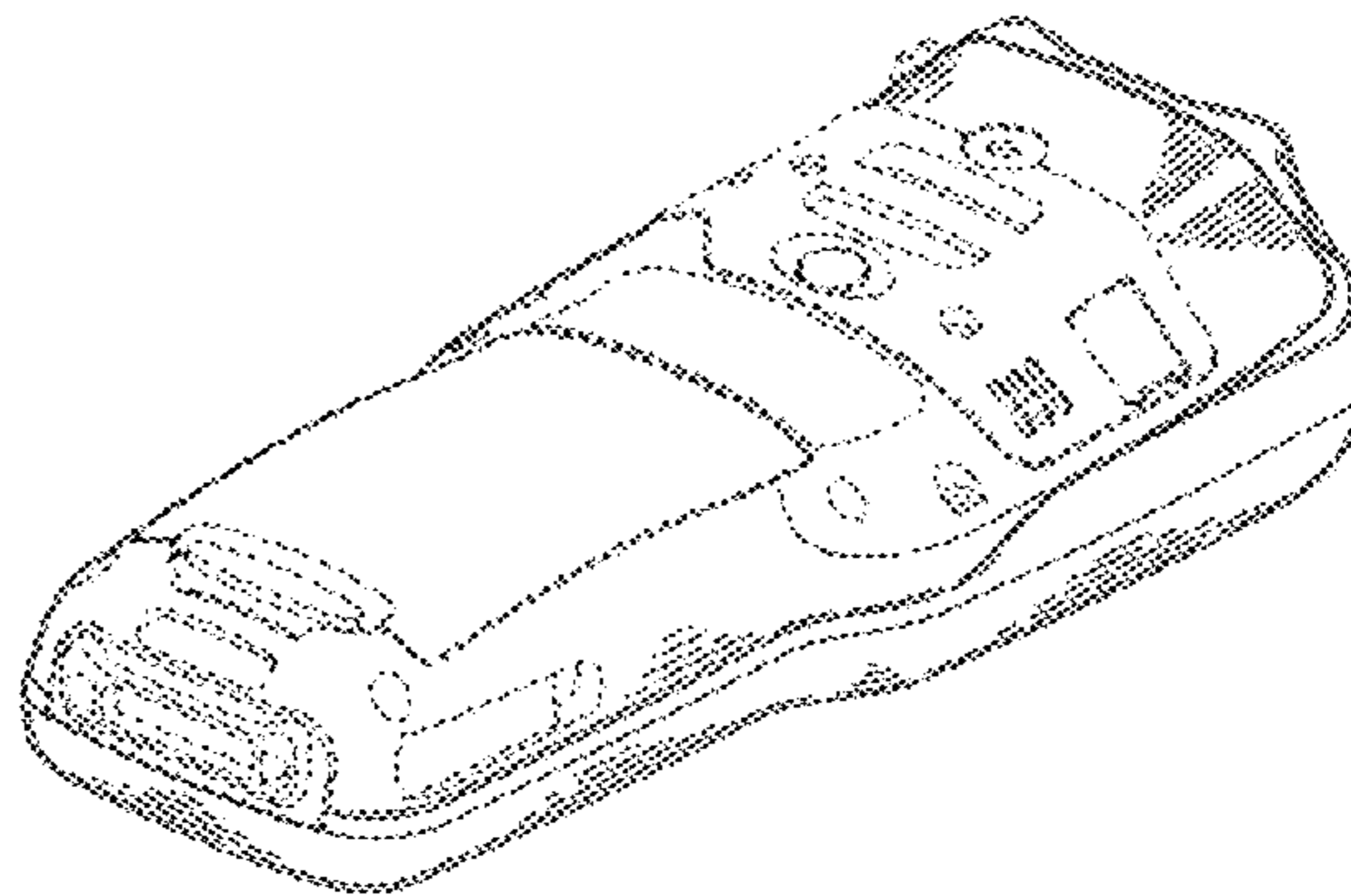
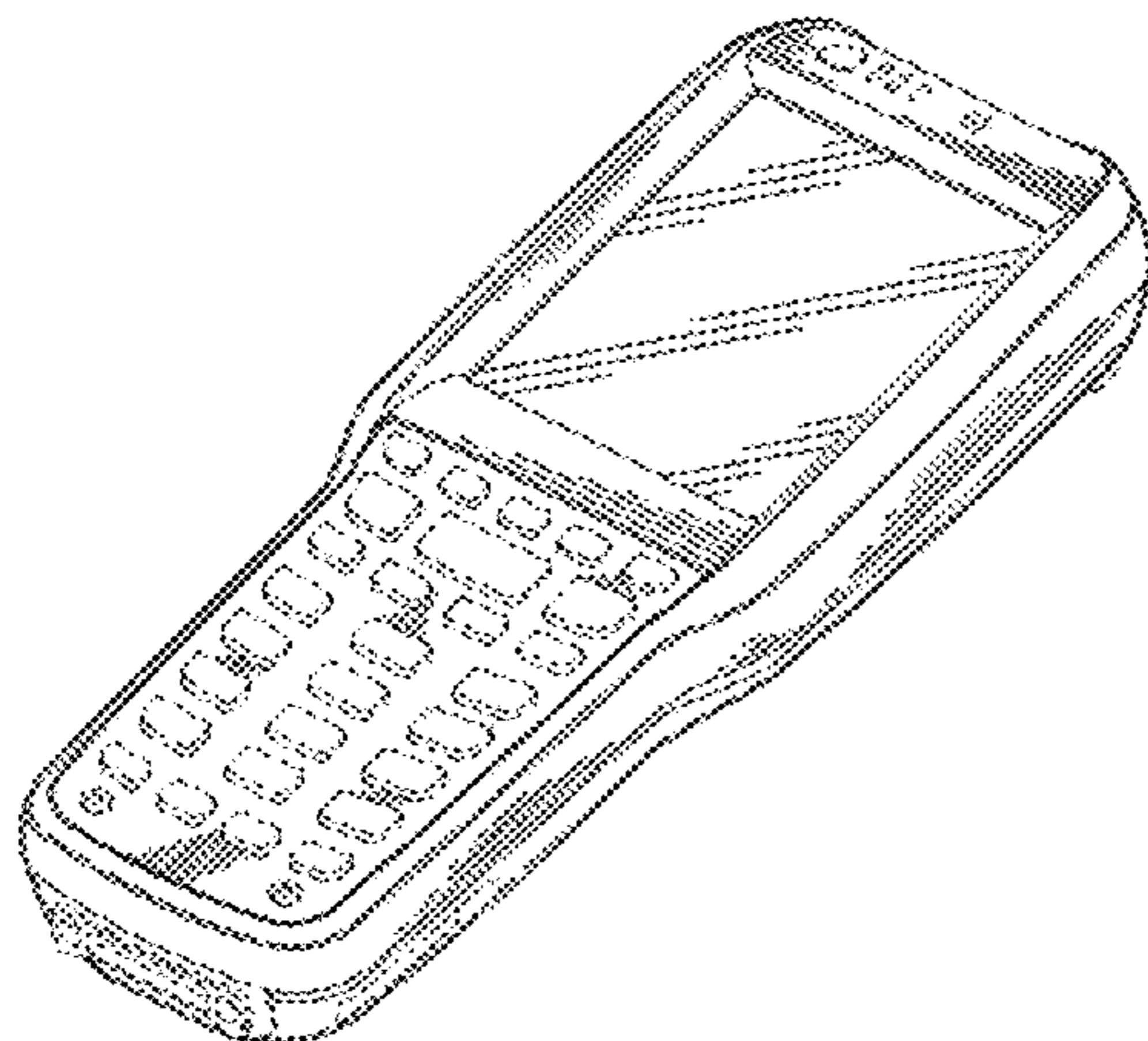
FIG. 5 is a top view of the portable terminal of FIG. 1.

FIG. 6 is a bottom view of the portable terminal of FIG. 1.

FIG. 7 is a left side view of the portable terminal of FIG. 1; and,

FIG. 8 is a right side view of the portable terminal of FIG. 1. Broken lines and portions contained within broken lines are not claimed.

1 Claim, 8 Drawing Sheets



U.S. PATENT DOCUMENTS

D414,760 S 10/1999 Hefield et al.
 5,969,328 A * 10/1999 Kunert 235/472.01
 D417,445 S 12/1999 Chacon et al.
 D418,500 S 1/2000 Giordano et al.
 D420,680 S 2/2000 Curtis
 D421,004 S 2/2000 Curtis
 D425,057 S 5/2000 Finkbeiner
 D427,090 S 6/2000 Washburn et al.
 D428,883 S 8/2000 Mizusugi et al.
 D430,159 S * 8/2000 Bhatia et al. D14/341
 6,109,528 A * 8/2000 Kunert et al. 235/472.01
 D431,562 S 10/2000 Bhatia et al.
 D433,017 S 10/2000 Martinez
 D436,104 S 1/2001 Bhatia et al.
 6,181,992 B1 * 1/2001 Gurne et al. 701/31.4
 D439,898 S 4/2001 Ober et al.
 D446,524 S 8/2001 Bontly et al.
 D462,357 S 9/2002 Jenkins
 D463,425 S 9/2002 Jenkins
 D464,645 S 10/2002 O'Neil
 6,470,637 B2 * 10/2002 Gratz 52/287.1
 6,478,226 B2 11/2002 Canini et al.
 D467,918 S 12/2002 Fitch et al.
 D470,145 S 2/2003 Schlieffers et al.
 6,517,003 B2 2/2003 Vassura et al.
 D473,872 S 4/2003 Ausems et al.
 D476,300 S 6/2003 Pottie et al.
 D476,330 S * 6/2003 Ahearn et al. D14/347
 6,633,483 B2 10/2003 Akagi et al.
 D486,460 S 2/2004 Bey et al.
 D492,681 S * 7/2004 Ahearn et al. D14/347
 D493,457 S 7/2004 Hsu
 D494,593 S * 8/2004 Wulff et al. D14/429
 D496,366 S 9/2004 Croley et al.
 D497,160 S 10/2004 Nagao et al.
 6,832,729 B1 12/2004 Perry et al.
 D502,162 S 2/2005 Kim et al.
 D505,422 S 5/2005 Kakizaki et al.
 D505,423 S * 5/2005 Ahearn et al. D14/347
 6,920,343 B2 * 7/2005 Uemura et al. 455/575.1
 D518,043 S 3/2006 Barness et al.
 7,050,009 B2 * 5/2006 Chirila 343/702
 D528,451 S 9/2006 Cunningham et al.
 D529,943 S 10/2006 Chiu et al.
 7,147,162 B2 12/2006 Fitch et al.
 D538,291 S 3/2007 Croley et al.
 D538,292 S 3/2007 Croley et al.
 D539,294 S 3/2007 Croley et al.
 7,195,168 B2 3/2007 Wulff
 7,195,169 B2 3/2007 Bhatia et al.
 D557,696 S * 12/2007 Conti et al. D14/346
 7,307,645 B2 * 12/2007 Forsythe 345/690
 D558,776 S 1/2008 Croley et al.
 D560,223 S 1/2008 Morris et al.
 D565,055 S 3/2008 Hanks
 7,344,323 B2 3/2008 Fries et al.
 D570,843 S 6/2008 Mazzone et al.
 D571,808 S 6/2008 Dorr et al.
 7,401,162 B2 * 7/2008 Baker et al. 710/8
 D574,830 S 8/2008 Tasselli et al.

D575,287 S 8/2008 Miyashita
 7,416,129 B2 8/2008 Bhatia et al.
 7,446,753 B2 11/2008 Fitch et al.
 D599,798 S 9/2009 Fitch et al.
 D611,943 S * 3/2010 Boyd D14/346
 D612,854 S * 3/2010 Arnold et al. D14/429
 D613,289 S * 4/2010 Alegiani et al. D14/426
 D613,290 S 4/2010 Arnold et al.
 D614,626 S * 4/2010 Dai et al. D14/426
 D614,627 S * 4/2010 Lerner et al. D14/429
 D619,138 S * 7/2010 Ingold et al. D14/429
 D622,726 S 8/2010 Alegiani et al.
 D629,001 S * 12/2010 Palmer et al. D14/426
 D633,502 S * 3/2011 Alegiani D14/429
 D633,915 S 3/2011 Alegiani et al.
 D634,744 S * 3/2011 Palmer et al. D14/347
 7,903,033 B2 * 3/2011 Bellows 343/702
 D638,422 S * 5/2011 Reed et al. D14/347
 7,992,787 B2 * 8/2011 Mangaroo et al. 235/472.01
 8,025,236 B2 * 9/2011 Mangaroo et al. 235/472.01
 8,048,552 B1 * 11/2011 Mao 429/97
 8,071,878 B2 * 12/2011 Mangaroo et al. 174/50.5
 8,079,525 B1 * 12/2011 Zolotov 235/469
 D657,398 S * 4/2012 Calderwood et al. D15/28
 D658,174 S * 4/2012 Tasselli et al. D14/347
 8,169,786 B2 * 5/2012 Mangaroo 361/752
 D661,306 S * 6/2012 Cullen et al. D14/426
 D662,099 S * 6/2012 Cullen et al. D14/426
 D664,145 S * 7/2012 Cullen et al. D14/426
 2002/0023961 A1 2/2002 Itou et al.
 2003/0060953 A1 3/2003 Chen
 2003/0089775 A1 5/2003 Yeakley et al.
 2003/0121981 A1 7/2003 Slutsky et al.
 2005/0001037 A1 * 1/2005 Wulff 235/462.43
 2005/0017078 A1 1/2005 Bhatia et al.
 2005/0023358 A1 2/2005 Byun et al.
 2005/0068201 A1 3/2005 Wulff et al.
 2006/0054704 A1 3/2006 Fitch et al.
 2007/0158428 A1 7/2007 Havens et al.
 2007/0158429 A1 7/2007 Bhatia et al.
 2008/0006699 A1 1/2008 Hattersley et al.
 2008/0297479 A1 * 12/2008 Yeh 345/169
 2009/0093229 A1 * 4/2009 Grunow et al. 455/404.2
 2009/0168337 A1 * 7/2009 Conti et al. 361/679.56
 2009/0224039 A1 9/2009 Hause et al.
 2009/0270136 A1 * 10/2009 Su et al. 455/572

FOREIGN PATENT DOCUMENTS

EM 001582024 A1 7/2009
 EP 1128314 A1 8/2001

OTHER PUBLICATIONS

Photographs of Datalogic Kyman Scanner from Datalogic Mobile's web site, product first released circa 2007, 6 pages.
 Notice of Co-Pending Application (U.S. Appl. No. 29/419,278) dated May 8, 2012.
 Datalogic Skorpio™ and Skorpio-GUN™—User's Manual, Dec. 2009, 117 pages.

* cited by examiner

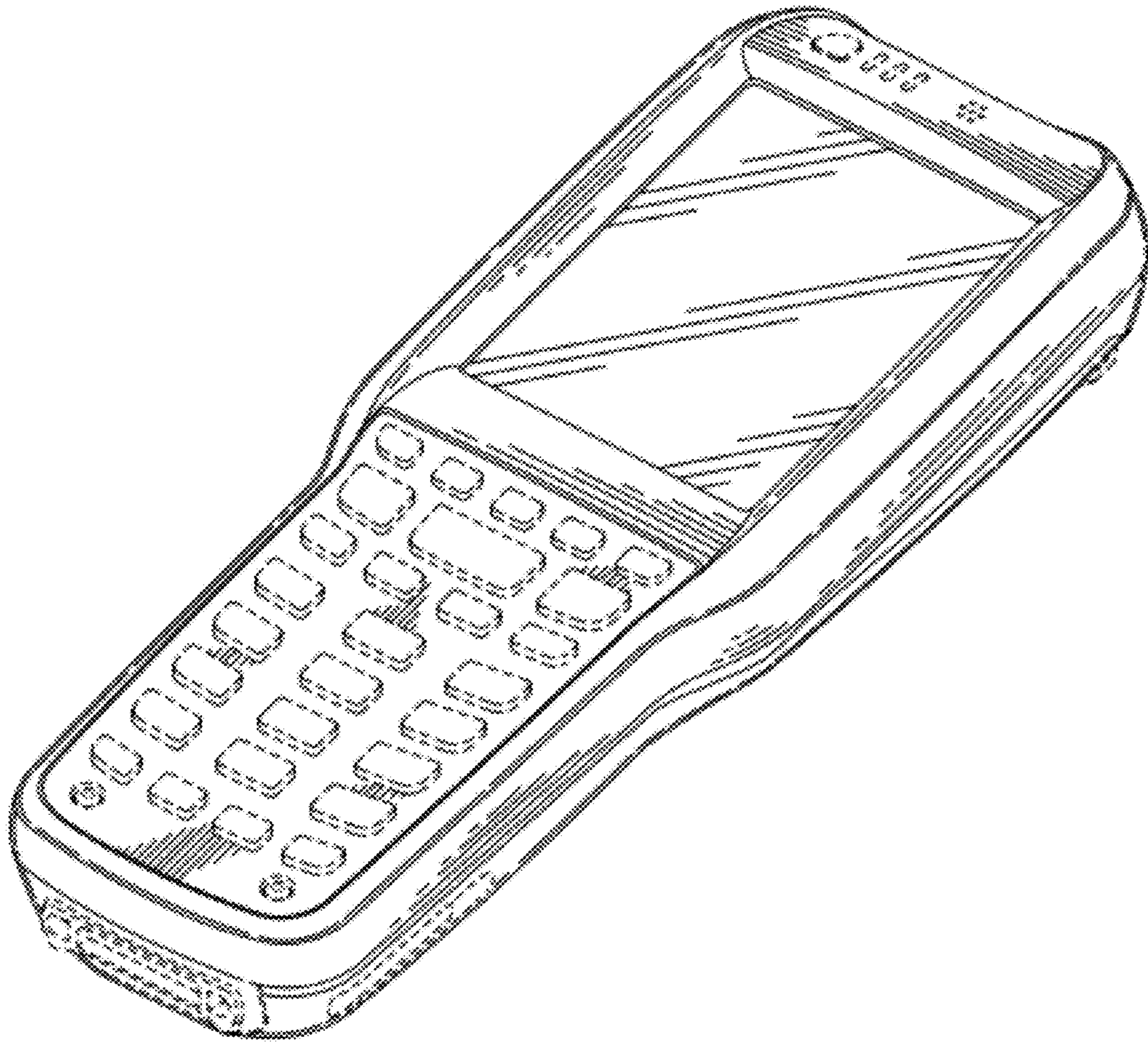


FIG. 1

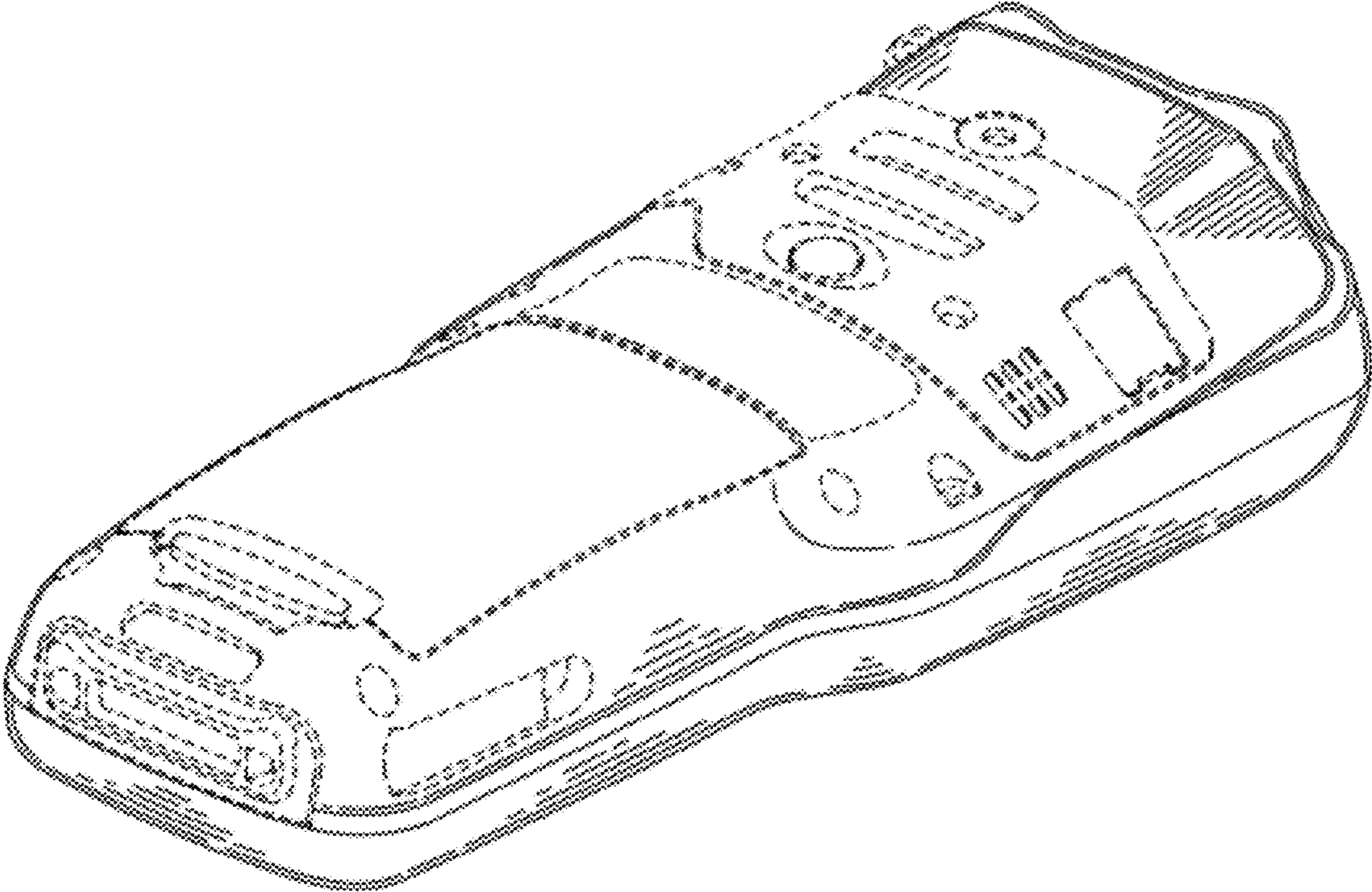


FIG. 2

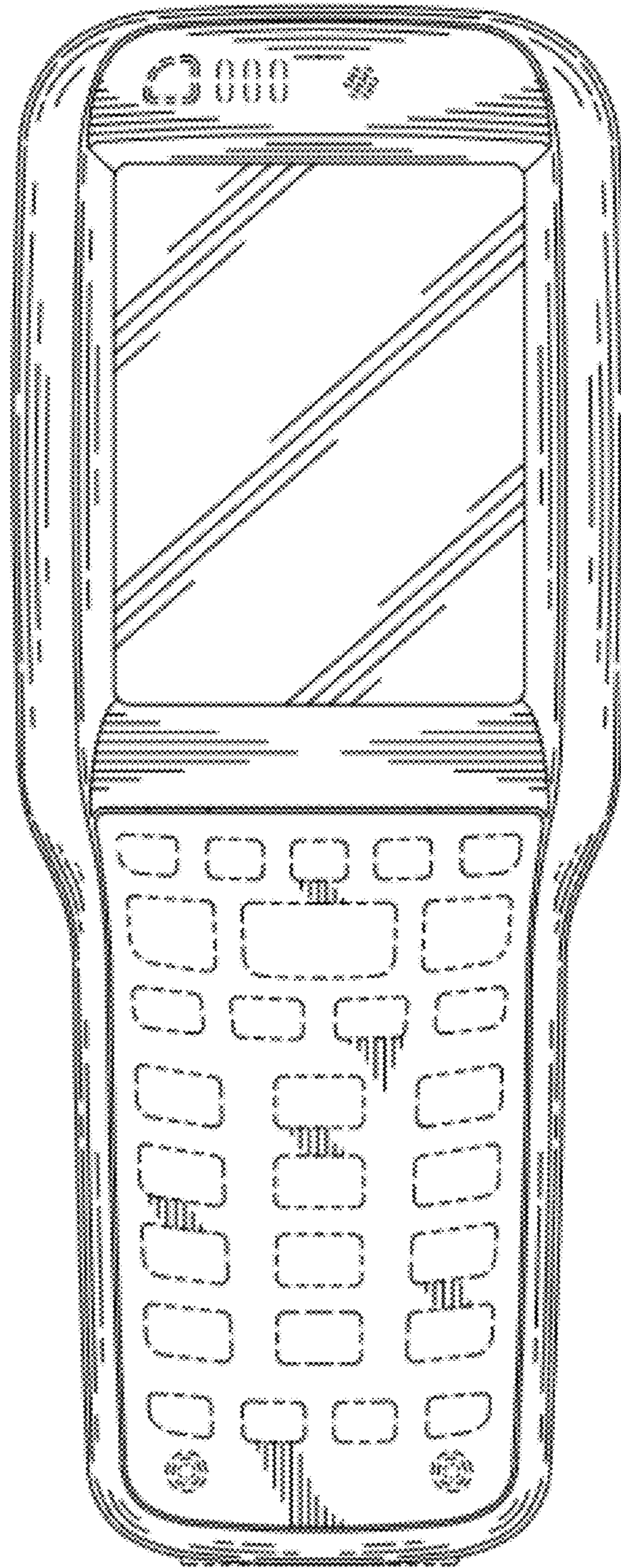


FIG. 3

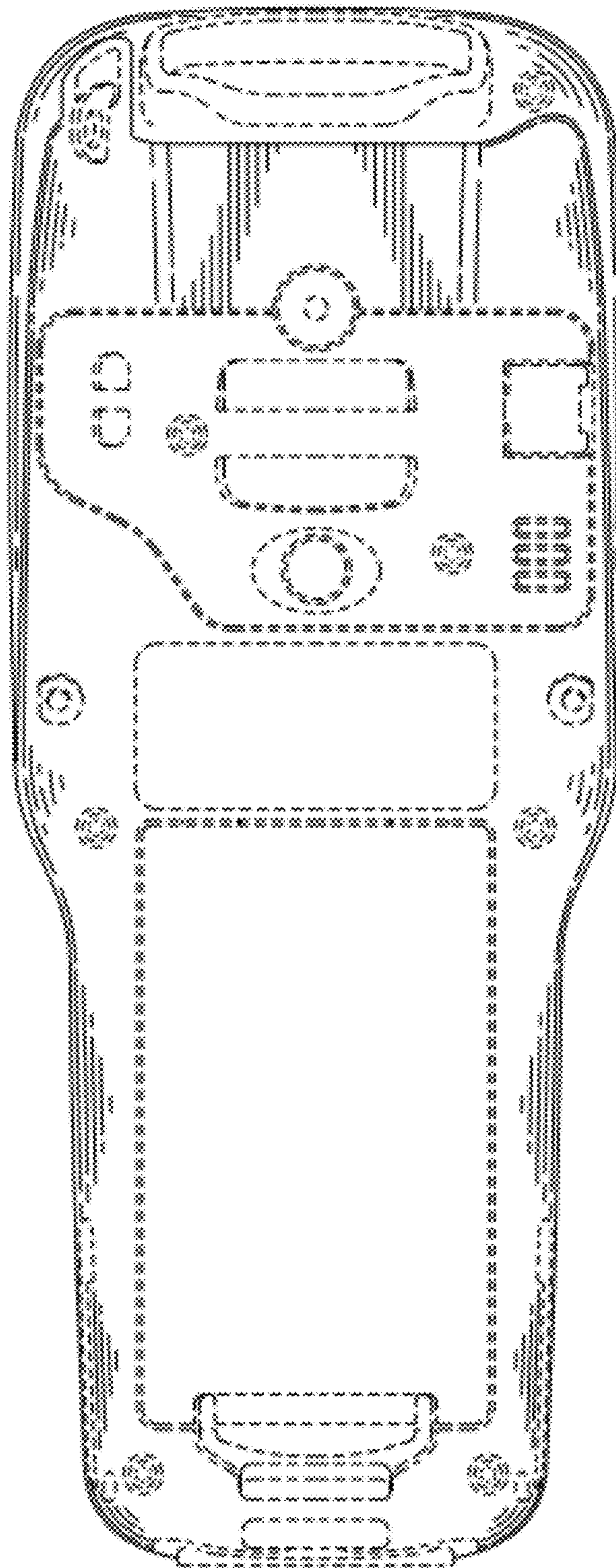


FIG. 4

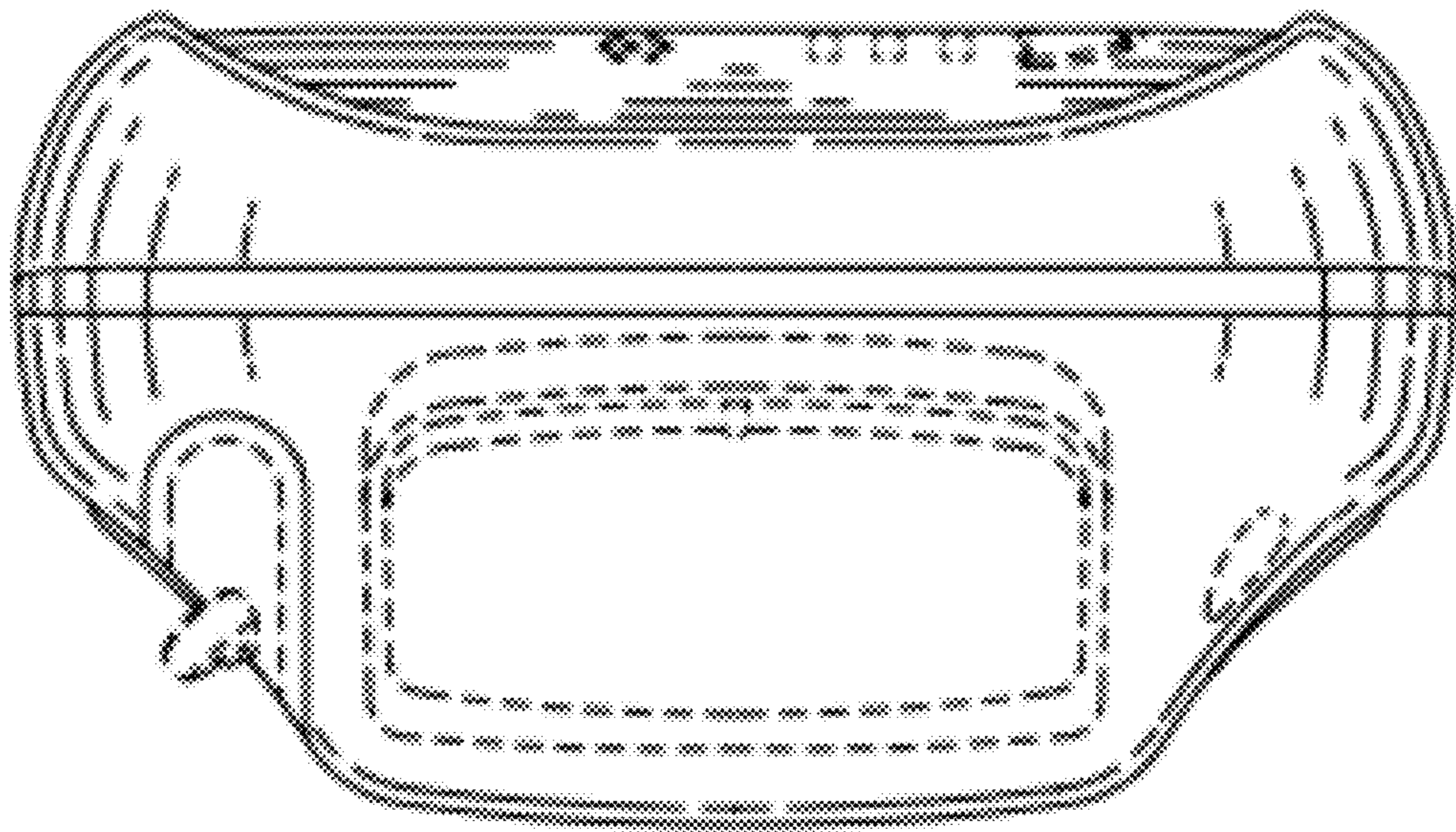


FIG. 5

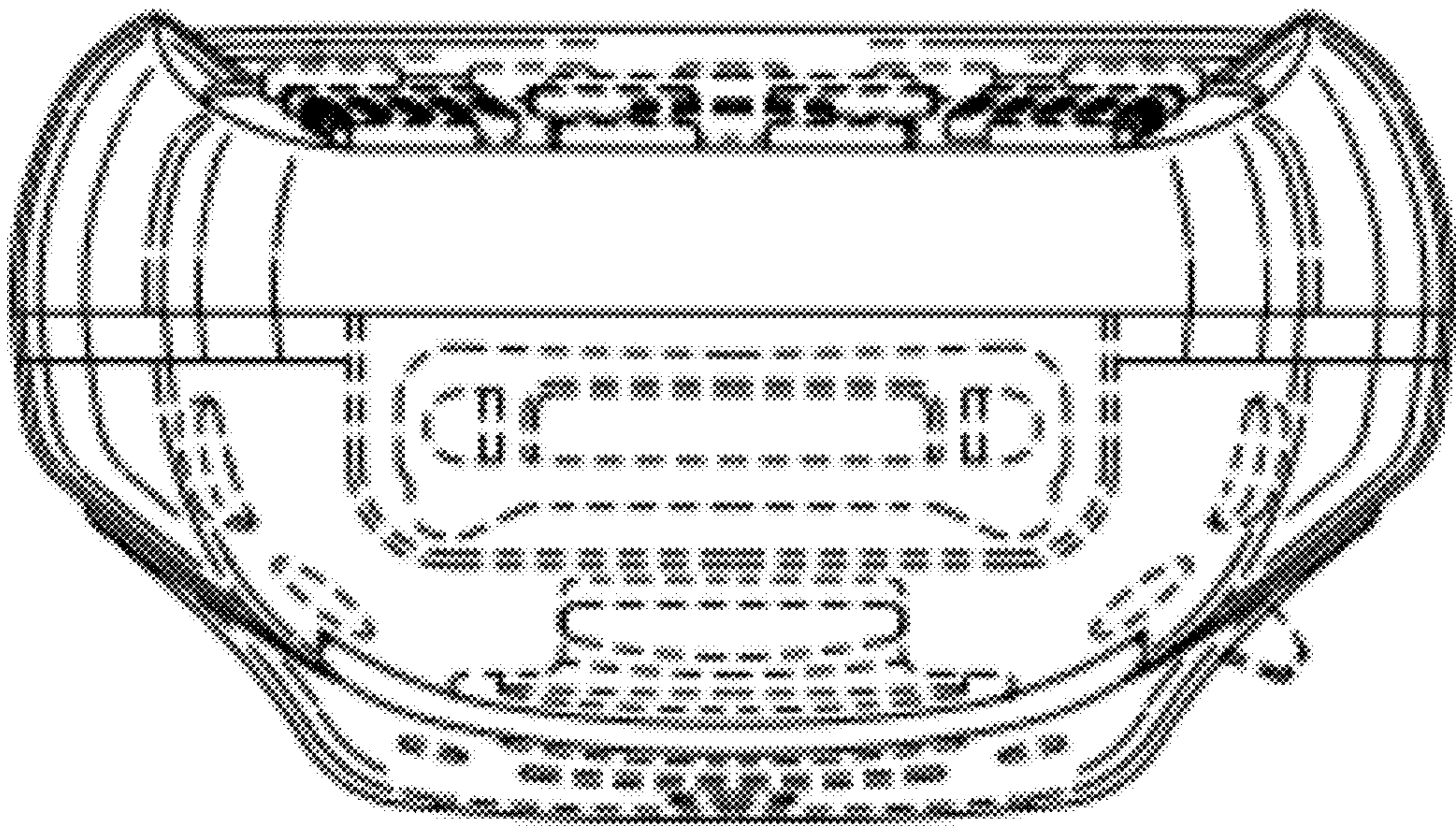


FIG. 6

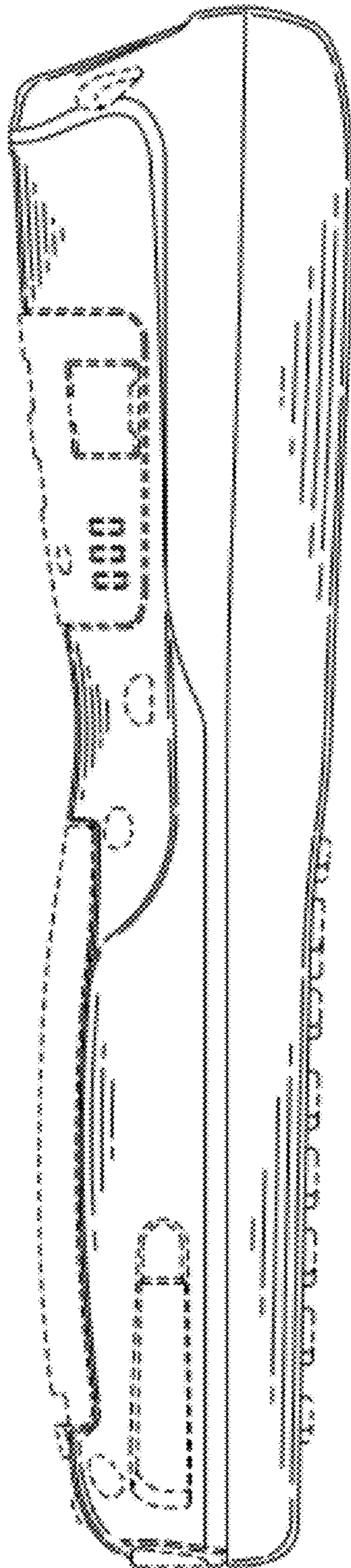


FIG. 7

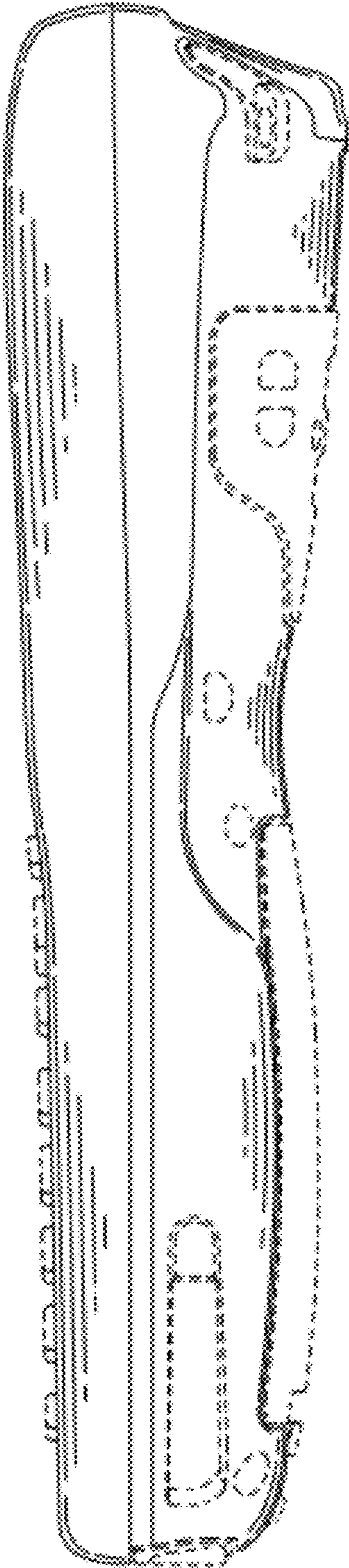


FIG. 8