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

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(54) **SET OF KEY BUTTONS FOR A HANDSET**

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(73) Assignee: **Nokia Corporation**, Espoo (FI)

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

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Related U.S. Application Data

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(51) **LOC (9) Cl.** **14-03**

(52) **U.S. Cl.** **D14/247**

(58) **Field of Classification Search** D14/137, D14/138 R, 138 AA, 138 AB, 138 AC, 138 AD, D14/138 C, 138 G, 147, 191, 218, 247-248, D14/341-347, 496; D10/65, 78, 104; D13/168; D18/7; 455/556.1, 566, 575.1, 575.3; 345/169
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- D390,509 S 2/1998 Antzinas et al.
- D424,060 S 5/2000 Baker et al.
- D425,887 S 5/2000 Edwards et al.
- D432,511 S 10/2000 Eckholm
- D441,733 S 5/2001 Do et al.
- D459,327 S 6/2002 Ali
- D460,057 S 7/2002 Hunt
- 6,469,731 B1 10/2002 Saburi
- D469,367 S 1/2003 Mirabelli et al.
- D469,416 S 1/2003 Nam
- D469,750 S 2/2003 Nam
- D472,225 S 3/2003 Griffin
- D479,212 S 9/2003 Eckholm
- D479,514 S 9/2003 Chan

- D480,697 S 10/2003 Lee et al.
- D481,691 S 11/2003 Vuolteenaho
- D482,010 S 11/2003 Nuovo et al.
- D482,352 S 11/2003 Sinclair
- D484,475 S 12/2003 Sheu
- D484,477 S 12/2003 Salmi
- D484,865 S 1/2004 Arbisi
- D484,873 S 1/2004 Salmi
- D485,246 S 1/2004 Johansson et al.

(Continued)

FOREIGN PATENT DOCUMENTS

EM 000119649-0001 4/2004

(Continued)

OTHER PUBLICATIONS

BenQ M300, announced 1st quarter 2004, [online], [retrieved on Oct. 9, 2008]. Retrieved from Internet ,<URL: <http://www.gsmarena.com>>.*

(Continued)

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(57) **CLAIM**

The ornamental design for a set of key buttons for a handset, as shown and described.

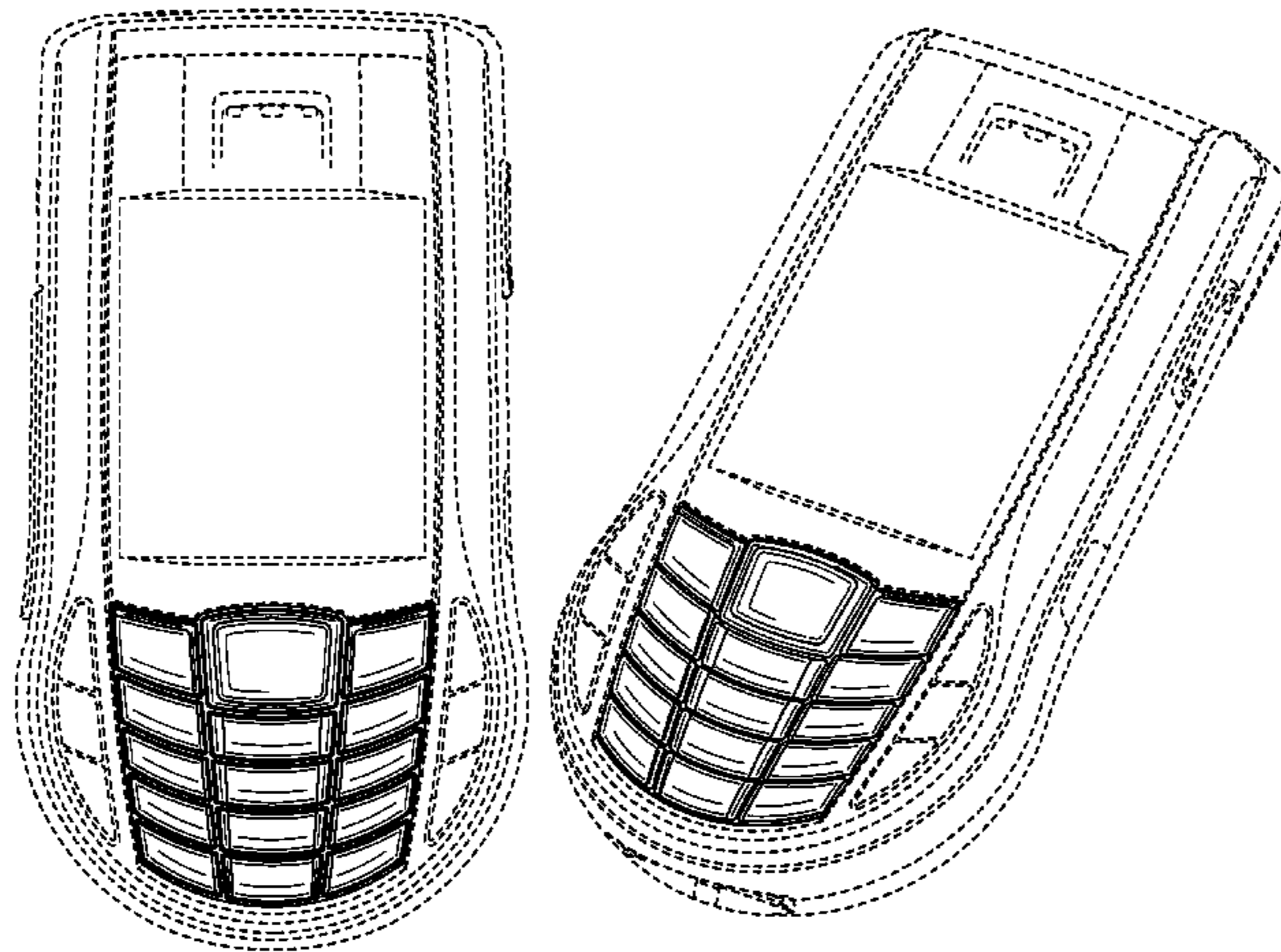
DESCRIPTION

FIG. 1 is a front view of a set of key buttons for a handset showing our new design; and,

FIG. 2 is a perspective front view thereof.

The broken line showing of various disclaimed regions and remainder of the handset in the figures is for illustrative purposes only and forms no part of the claimed design.

1 Claim, 2 Drawing Sheets



U.S. PATENT DOCUMENTS

D487,438 S 3/2004 Sheu
 D488,143 S 4/2004 Ting et al.
 D488,789 S 4/2004 Lee
 D490,791 S 6/2004 Pitt et al.
 D491,930 S * 6/2004 Widiaman D14/247
 D492,274 S 6/2004 Widiaman
 D492,276 S 6/2004 Walliser et al.
 D493,781 S * 8/2004 Sheu D14/247
 D494,561 S 8/2004 Kagami et al.
 D494,949 S 8/2004 Arnholt et al.
 D494,950 S 8/2004 Keunecke
 D495,672 S 9/2004 Jeon et al.
 D496,343 S 9/2004 Lin et al.
 D496,641 S 9/2004 Seo
 D496,921 S 10/2004 Hwang
 D499,721 S 12/2004 Leith et al.
 D500,749 S 1/2005 Kim
 D500,992 S 1/2005 Shen et al.
 D502,162 S 2/2005 Kim et al.
 D502,455 S 3/2005 Brandis et al.
 D502,691 S 3/2005 Fuxen
 D502,933 S 3/2005 Munstermann
 D503,162 S 3/2005 Kagami et al.
 D503,163 S 3/2005 Chan et al.
 D504,879 S 5/2005 Moss
 D505,417 S 5/2005 Wang et al.
 D505,934 S 6/2005 Gonser
 D506,190 S 6/2005 Mehandjiysky
 D506,191 S 6/2005 Majanen
 D507,562 S 7/2005 Kim
 D507,563 S 7/2005 Moss
 D512,398 S 12/2005 Chen et al.
 D512,975 S 12/2005 Tsai et al.
 D514,539 S 2/2006 Lai et al.
 D514,540 S 2/2006 Lai et al.
 D515,540 S 2/2006 Geng et al.
 D516,049 S 2/2006 Hwang
 D516,547 S 3/2006 Tyneski et al.
 D517,518 S 3/2006 Nakajima et al.
 D518,458 S 4/2006 Husgafvel et al.
 D518,805 S 4/2006 Viitasaari
 D518,806 S 4/2006 Husgafvel
 D520,486 S 5/2006 Kim et al.
 D521,506 S 5/2006 Tyneski et al.
 D522,988 S 6/2006 Sheu
 D522,991 S 6/2006 Yun et al.
 D523,006 S 6/2006 Corley et al.
 D524,279 S 7/2006 Lai
 D524,777 S 7/2006 Lyles
 D524,779 S 7/2006 Lyles
 D524,803 S 7/2006 Tyneski et al.
 D526,295 S 8/2006 Lyles
 D527,726 S 9/2006 Viitasaari
 D529,022 S 9/2006 Lyles
 D529,486 S 10/2006 Kangasmaa et al.
 D530,318 S * 10/2006 Kangasmaa D14/247
 D539,791 S 4/2007 Sheu
 D543,198 S 5/2007 Hering
 D543,200 S 5/2007 Husgafvel et al.

D543,201 S 5/2007 Husgafvel
 D549,699 S * 8/2007 Bower D14/247
 D559,235 S * 1/2008 Nakajima D14/247
 D561,751 S * 2/2008 Husgafvel D14/247
 D564,503 S * 3/2008 Nakajima et al. D14/247
 D568,880 S * 5/2008 Husgafvel et al. D14/247
 D569,857 S * 5/2008 Di et al. D14/247
 D570,832 S * 6/2008 Ruohonen D14/247
 2002/0190957 A1 12/2002 Lee et al.
 2003/0083021 A1 5/2003 Hsu et al.
 2004/0185921 A1 9/2004 Tornaghi
 2004/0224722 A1 11/2004 Lee
 2005/0057520 A1 3/2005 Robinson
 2005/0079895 A1 4/2005 Kalenius et al.
 2005/0083642 A1 4/2005 Senpuku et al.

FOREIGN PATENT DOCUMENTS

EM 000119649-0002 4/2004
 EM 000119649-0003 4/2004
 EM 000119649-0004 4/2004
 EM 000119656-0001 10/2005
 EM 000119656-0002 10/2005
 EM 000119656-0003 10/2005
 EM 000119656-0004 10/2005
 EM 000119656-0005 10/2005
 WO DM/065946 11/2004
 WO DM/066071 11/2004
 WO DM/066599 4/2005

OTHER PUBLICATIONS

Bird S788, announced 2nd quarter 2004, [online], [retrieved on Oct. 9, 2008]. Retrieved from Internet ,<URL: <http://www.gsmarena.com>>.*
 Siemens A70, announced 1st quarter 2005, [online], [retrieved on Oct. 9, 2008]. Retrieved from Internet ,<URL: <http://www.gsmarena.com>>.*
 LG B2000, announced 1st quarter 2005, [online], [retrieved on Oct. 9, 2008]. Retrieved from Internet ,<URL: <http://www.gsmarena.com>>.*
 <<http://www.mobiletechnews.com>>, Nokia 66303G Megapixel phone, posted Jun. 14, 2004.
 Product Sheet, Nokia 3660 Phone, Web Page <<http://Europe.Nokia.com/A4145001>>, Sep. 20, 2006.
 Nokia 6630 telephone, announced 2nd quarter 2004, [online], [retrieved on Sep. 29, 2006]. Retrieved from Internet, <<http://www.gsmarena.com>>.*
 Bird S580 telephone, announced 1st quarter 2005, [online], [retrieved on Sep. 29, 2006]. Retrieved from Internet, <<http://www.gsmarena.com>>.*
 Alcatel OT-E157 Telephone, announced 1st quarter 2005, [online], [retrieved on Sep. 29, 2006]. Retrieved from Internet, <<http://www.gsmarena.com>>.*
 Siemens AX75 Telephone, announced 1st quarter 2005, [online], [retrieved on Sep. 29, 2006]. Retrieved from Internet, <<http://www.gsmarena.com>>.*
 Samsung X700 Telephone, announced 1st quarter 2005, [online], [retrieved on Sep. 29, 2006]. Retrieved from Internet, <<http://www.gsmarena.com>>.*

* cited by examiner

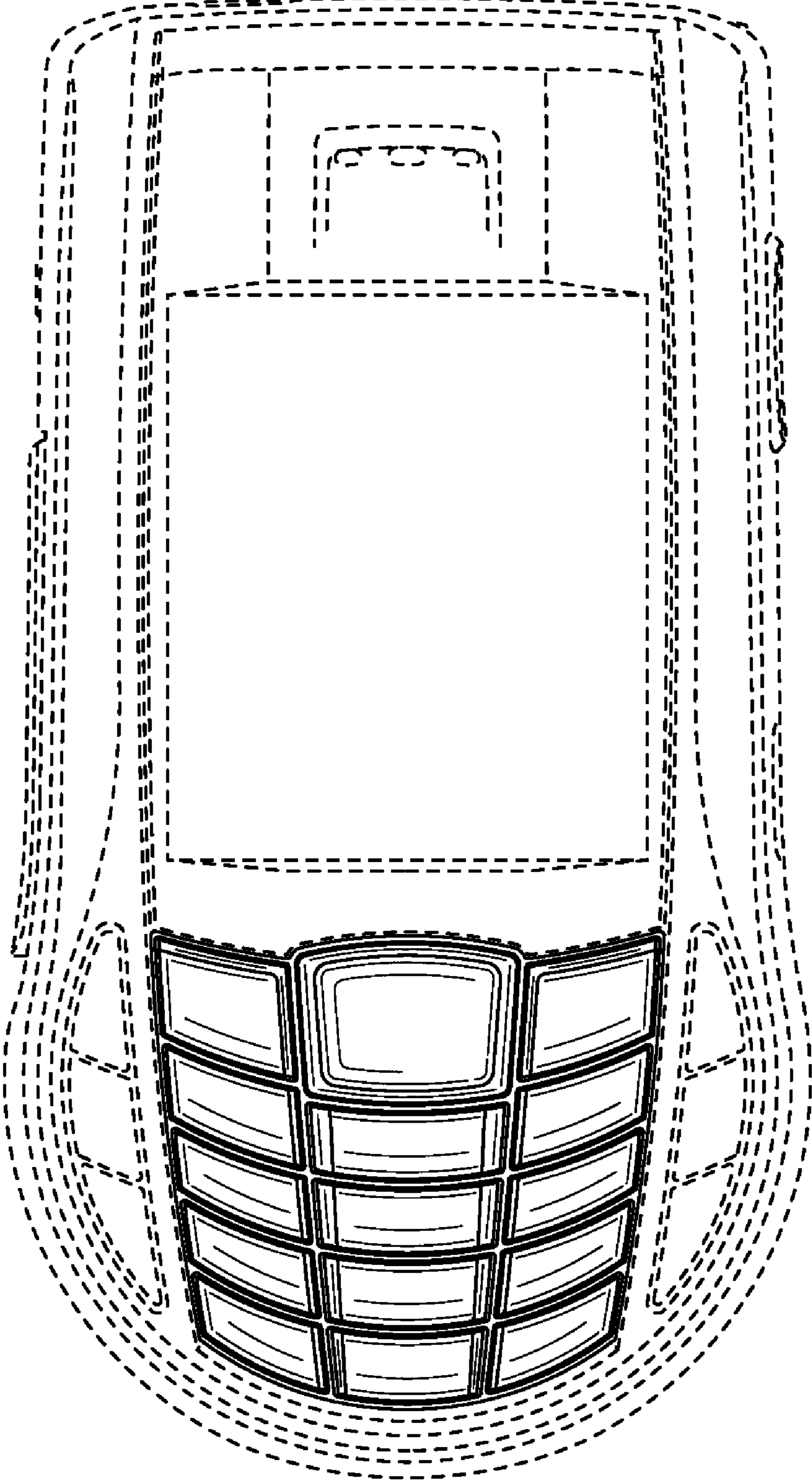


FIG. 1

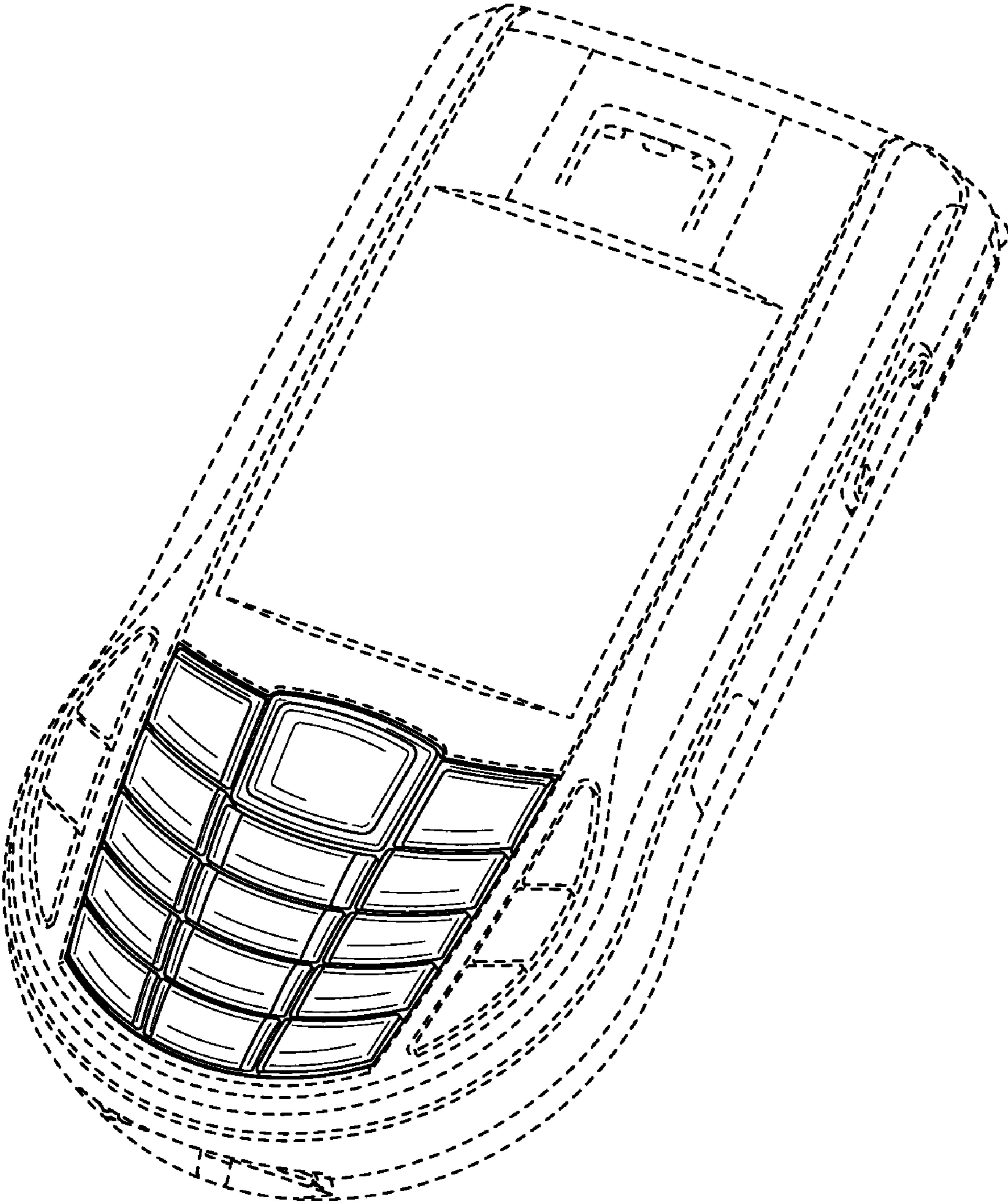


FIG. 2