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(12) **United States Design Patent** (10) **Patent No.:** **US D504,888 S**
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(54) **KEY BUTTON ARRANGEMENT FOR A HANDSET**

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

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(51) **LOC (7) Cl.** **14-03**

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

(58) **Field of Search** D14/137, 138, D14/218, 147-148, 191, 156, 197, 496, 247-249, 429, 453, 455-456, 144, 399, 426, 387, 192, 341-347, 244, 246, 338-340; 379/433.01-433.13, 419, 434, 428.01-428.04, 420.01-420.04, 440, 368-370; D10/65, 78, 37, 126; 455/550.1-90.3; D21/517, 329, 331, 333; D13/168; D18/2, 7; 345/168, 169

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 4,661,005 A * 4/1987 Lahr 400/489
- D347,856 S * 6/1994 Marfori et al. D19/60
- 5,644,338 A * 7/1997 Bowen 345/168
- 5,949,643 A * 9/1999 Batio 361/681
- D416,008 S * 11/1999 Robinson et al. D14/393
- 6,005,496 A * 12/1999 Hargreaves et al. 341/22
- 6,147,673 A * 11/2000 Zarek 345/156
- 6,168,331 B1 * 1/2001 Vann 400/472
- D443,839 S * 6/2001 Brandenburg et al. D10/65
- 6,297,752 B1 * 10/2001 Ni 341/22
- D454,347 S * 3/2002 Chung et al. D14/320
- D470,151 S * 2/2003 Lewis et al. D14/455
- 6,625,011 B2 * 9/2003 Hyun 361/680
- 6,628,508 B2 * 9/2003 Lieu et al. 361/680
- D481,710 S * 11/2003 Helin D14/247
- D481,733 S * 11/2003 Pan et al. D14/398

- 6,661,404 B1 * 12/2003 Sirola et al. 345/168
- 6,677,927 B1 * 1/2004 Bruck et al. 345/156
- D487,066 S * 2/2004 Gartrell et al. D14/138
- 6,698,957 B2 * 3/2004 Huang 400/472
- D488,465 S * 4/2004 Gartrell et al. D14/247
- D492,293 S * 6/2004 Kim D14/240
- D494,561 S 8/2004 Kagami
- D496,655 S * 9/2004 Harries et al. D14/247
- 6,794,588 B2 * 9/2004 Lin 200/5 A
- 6,795,304 B1 * 9/2004 Lam 361/683
- 2002/0006815 A1 * 1/2002 Finke-Anlauff 455/575
- 2002/0101405 A1 * 8/2002 Chang 345/168
- 2003/0030623 A1 * 2/2003 Yu 345/168
- 2003/0073414 A1 * 4/2003 Capps 455/90
- 2003/0078069 A1 * 4/2003 Lindeman 455/550
- 2003/0087663 A1 * 5/2003 Finke-Anlauff 455/550
- 2003/0103041 A1 * 6/2003 Nguyen et al. 345/168
- 2003/0146902 A1 * 8/2003 Sandbach et al. 345/168
- 2003/0157957 A1 * 8/2003 Wendroff et al. 455/550
- 2004/0106429 A1 * 6/2004 Park et al. 455/550.1

FOREIGN PATENT DOCUMENTS

- WO DM/058924 * 12/2001
- WO DM/063 714 7/2003
- WO DM/064645 * 7/2003
- WO DM/064 013 8/2003
- WO DM/064 218 10/2003
- WO DM/065 073 4/2004

* cited by examiner

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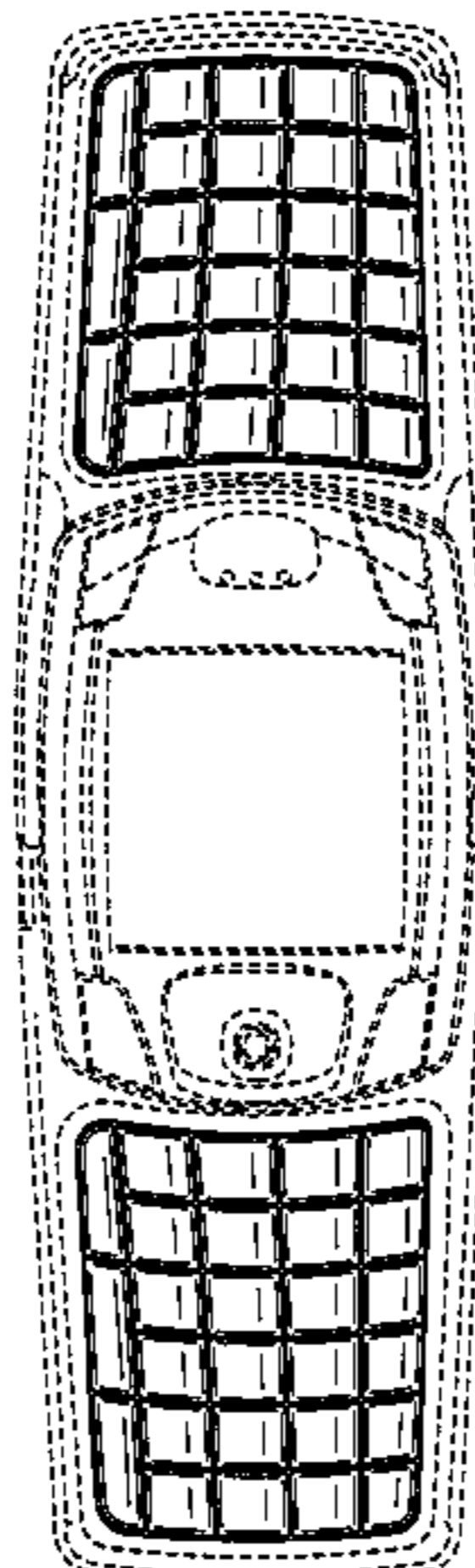
(57) **CLAIM**

The ornamental design for a key button arrangement for a handset as shown and described.

DESCRIPTION

FIG. 1 is a front view of a key button arrangement for a handset showing my new design; and, FIG. 2 is a front perspective view thereof. The broken line showing of the remainder of the handset is for illustrative purposes only and forms no part of the claimed design.

1 Claim, 2 Drawing Sheets



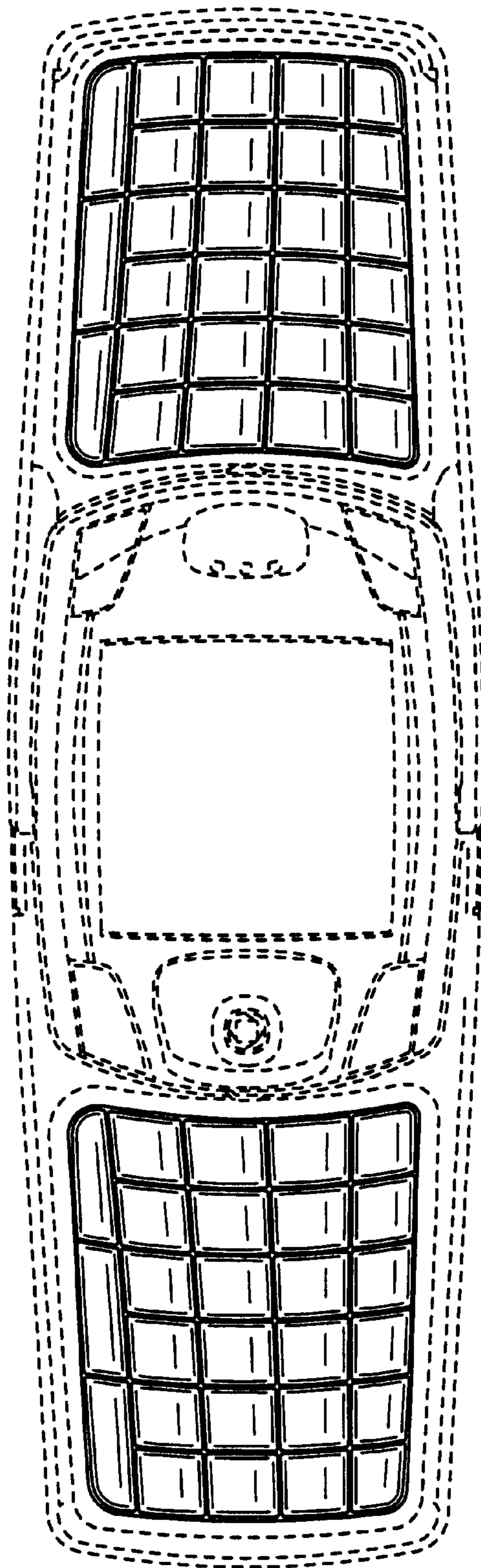


FIG. 1

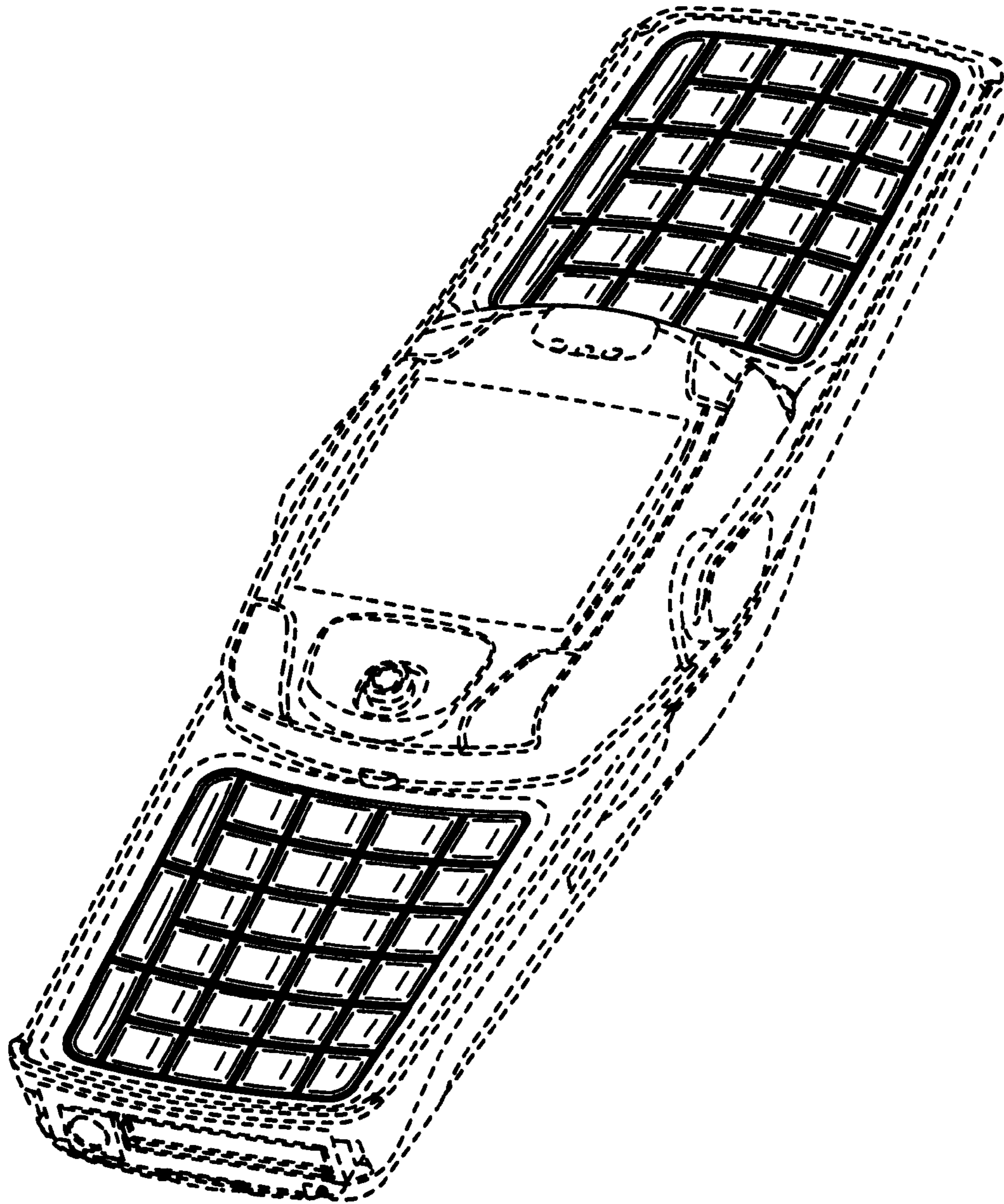


FIG. 2