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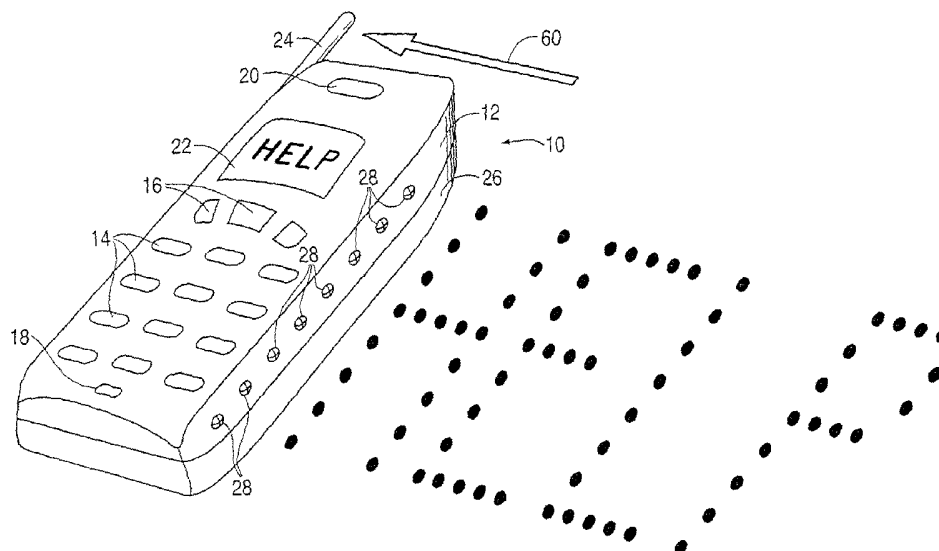
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[Continued on next page]

(54) Title: COMMUNICATION APPARATUS INCORPORATING A VISUAL SIGNALING DEVICE



(57) Abstract: A communication apparatus (10a) incorporating a visual signaling device. A first cover member (12a) and a second cover member (26a) cooperate to define a communication interior having communication components therein, permitting communication of messages. Keys (14, 16) are operable through one of the cover members to indicate control functions for the communication apparatus (10a). Light emitting devices (28) are visible through one of the cover members. A controller (40a) is responsive to operation of the keys to cause the light emitting devices (28) to emit light signals in a pattern indicated by the operation of the keys (14, 16). An accelerometer (58) is responsive to movement of the communication apparatus to control spacing of the light signals to form a displayed light pattern.

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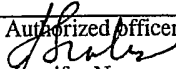


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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : G09G 3/00, 3/14; H04M 1/00; H04B 1/38. US CL : 345/31, 35, 38, 39, 40; 455/550, 566, 567. According to International Patent Classification (IPC) or to both national classification and IPC																				
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 345/31, 35, 38, 39, 40; 455/550, 566, 567.; 540/285.77 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EAST, WEST, Japanese Patent, keywords: telephone, light emitting diodes, accelerometer...																				
C. DOCUMENTS CONSIDERED TO BE RELEVANT <table border="1"> <thead> <tr> <th>Category *</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>X,E</td> <td>US 2003/0100332 A1 (ENGSTROM et al.) 29 May 2003, [0021], [0026]-[0035], and [0040]-[0041]</td> <td>1-27</td> </tr> <tr> <td>Y</td> <td>US 6,243,595 B1 (LEE et al.) 05 June 2001, col. 4, lines 1-65, col. 5, lines 46-59.</td> <td>1-27</td> </tr> <tr> <td>Y</td> <td>US 6,265,984 B1 (MOLINAROLI) 24 July 2001, abstract, from column 1, line 53 to column 2, line 5, column 7, lines 64-67, , column 13, lines 53-67, column 24, lines 57-68.</td> <td>1-27</td> </tr> </tbody> </table>			Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	X,E	US 2003/0100332 A1 (ENGSTROM et al.) 29 May 2003, [0021], [0026]-[0035], and [0040]-[0041]	1-27	Y	US 6,243,595 B1 (LEE et al.) 05 June 2001, col. 4, lines 1-65, col. 5, lines 46-59.	1-27	Y	US 6,265,984 B1 (MOLINAROLI) 24 July 2001, abstract, from column 1, line 53 to column 2, line 5, column 7, lines 64-67, , column 13, lines 53-67, column 24, lines 57-68.	1-27						
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Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703)305-3230		Authorized officer  Jennifer Nguyen Telephone No. 703-305-3225																		