

(19) World Intellectual Property Organization
International Bureau



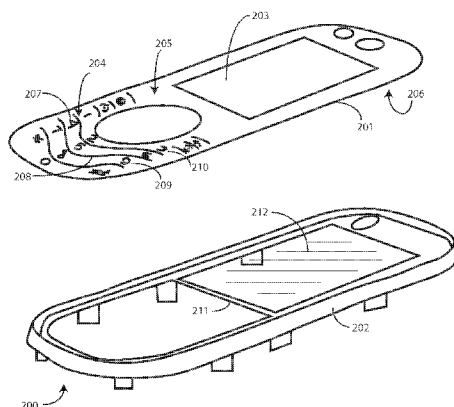
(43) International Publication Date
3 January 2008 (03.01.2008)

PCT

(10) International Publication Number
WO 2008/002698 A3

- (51) International Patent Classification:
H04M 1/00 (2006.01)
 - (21) International Application Number:
PCT/US2007/064891
 - (22) International Filing Date: 26 March 2007 (26.03.2007)
 - (25) Filing Language: English
 - (26) Publication Language: English
 - (30) Priority Data:
11/427,444 29 June 2006 (29.06.2006) US
 - (71) Applicant (for all designated States except US): **MO-TOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, Illinois 60196 (US).
 - (72) Inventors; and
 - (75) Inventors/Applicants (for US only): **BAW, Andy K.** [US/US]; 1673 Charles Drive, Wheeling, Illinois 60090 (US). **CYBART, Adam K.** [US/US]; 2703 Cuhlman Road, Mchenry, Illinois 60050 (US). **FLISZAR, David G.** [US/US]; 1151 Laurel Lane, Gurnee, Illinois 60031 (US). **GROEBE, Daniel P.** [US/US]; 732 Foxmoor Lane, Lake Zurich, Illinois 60047 (US). **JINKINSON, Nicholas A.** [GB/GB]; Flat 1, 80 Bulmershe Road, Reading Berkshire RG1 5RJ (GB). **LATELLA, Rick** [US/US]; 949 Tara Court, Woodstock, Illinois 60098 (US).
 - (74) Agents: **CYGAN, Joseph T.** et al.; 600 North US Highway 45, Libertyville, Illinois 60048 (US).
 - (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.
 - (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
— with international search report
- (88) Date of publication of the international search report:
8 May 2008

(54) Title: FASCIA ASSEMBLY FOR A PORTABLE ELECTRONIC DEVICE




(57) Abstract: A fascia member (200) for an electronic device (700) includes a thin, flexible membrane (201) coupled to a rigid skeletal member (202). The thin, flexible membrane (201) includes a transparency region (203) and a deflectable key region (204). The thin, flexible membrane (201) may thus serve as a major front face for the electronic device (700) with no break lines between display and keypad. Printing on one side of the thin, flexible membrane (201) provides alphanumeric indicia (207) and graphical designs for the electronic device (700).

WO 2008/002698 A3

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US 07/64891

<p>A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - H04M 1/00 (2007.10) USPC - 455/575.8 According to International Patent Classification (IPC) or to both national classification and IPC</p>																	
<p>B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) USPC: 455/575.8</p>																	
<p>Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched USPC: 455/575.8, 455/552.1</p>																	
<p>Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) PubWEST(PGPB, USPT, USOC, EPAB, JPAB); GOOGLE Search Terms: keypad, clear, translucent, transparent, cell, mobile, portable, membrane, fascia, electronic, alphanumeric, alpha-numeric, unitary construction, skeletal, polymer, rigid, stiff, input, circuit board, pcb</p>																	
<p>C. DOCUMENTS CONSIDERED TO BE RELEVANT</p> <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</td> <td>US 5,491,313 A (BARTLEY et al.) 13 February 1996 (13.02.1996), abstract; col. 1, ln 4-9, 18-19; col. 2, ln 40-47, 64-67; col. 4, ln 21-22; Fig. 1</td> <td>1 - 16</td> </tr> <tr> <td>---</td> <td></td> <td>-----</td> </tr> <tr> <td>Y</td> <td></td> <td>17-20</td> </tr> <tr> <td>Y</td> <td>US 2004/0206608 A1 (CHAO et al.) 21 October 2004 (21.10.2004), abstract, para. [0002]</td> <td>17-20</td> </tr> </tbody> </table>			Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	X	US 5,491,313 A (BARTLEY et al.) 13 February 1996 (13.02.1996), abstract; col. 1, ln 4-9, 18-19; col. 2, ln 40-47, 64-67; col. 4, ln 21-22; Fig. 1	1 - 16	---		-----	Y		17-20	Y	US 2004/0206608 A1 (CHAO et al.) 21 October 2004 (21.10.2004), abstract, para. [0002]	17-20
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.															
X	US 5,491,313 A (BARTLEY et al.) 13 February 1996 (13.02.1996), abstract; col. 1, ln 4-9, 18-19; col. 2, ln 40-47, 64-67; col. 4, ln 21-22; Fig. 1	1 - 16															
---		-----															
Y		17-20															
Y	US 2004/0206608 A1 (CHAO et al.) 21 October 2004 (21.10.2004), abstract, para. [0002]	17-20															
<p><input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/></p>																	
<p>* Special categories of cited documents:</p> <table border="0"> <tr> <td> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p> </td> <td> <p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&" document member of the same patent family</p> </td> </tr> </table>			<p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>	<p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&" document member of the same patent family</p>													
<p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>	<p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&" document member of the same patent family</p>																
<p>Date of the actual completion of the international search 28 October 2007 (28.10.2007)</p>		<p>Date of mailing of the international search report 08 FEB 2008</p>															
<p>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. 571-273-3201</p>		<p>Authorized officer: Lee W. Young  PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774</p>															