

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
8 January 2009 (08.01.2009)

PCT

(10) International Publication Number  
WO 2009/004436 A3

- (51) International Patent Classification:  
H04M 1/2745 (2006.01)
- (21) International Application Number:  
PCT/IB2008/001663
- (22) International Filing Date: 25 June 2008 (25.06.2008)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
11/770,906 29 June 2007 (29.06.2007) US
- (71) Applicant (for all designated States except US): NOKIA CORPORATION [FI/FI]; Kelalahdentie 4, FI-02150 Espoo (FI).
- (71) Applicant (for LC only): NOKIA INC. [US/US]; 6000 Connection Drive, Irving, TX 75039 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): LINDBERG, Phillip, John [AU/FI]; Artholmsgatan 15B 38, FIN-00150 Helsinki (FI). NIEMELA, Sami, Johannes [FI/FI]; Virtaintie 14C 37b, FIN-00510 Helsinki (FI).
- (74) Agents: ZIEGLER, Geza, C. et al.; Perman & Green, LLP, 425 Post Road, Fairfield, CT 06824 (US).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, 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, ME, 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, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, 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
  - before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report:  
26 February 2009

(54) Title: COMMUNICATION CHANNEL INDICATORS

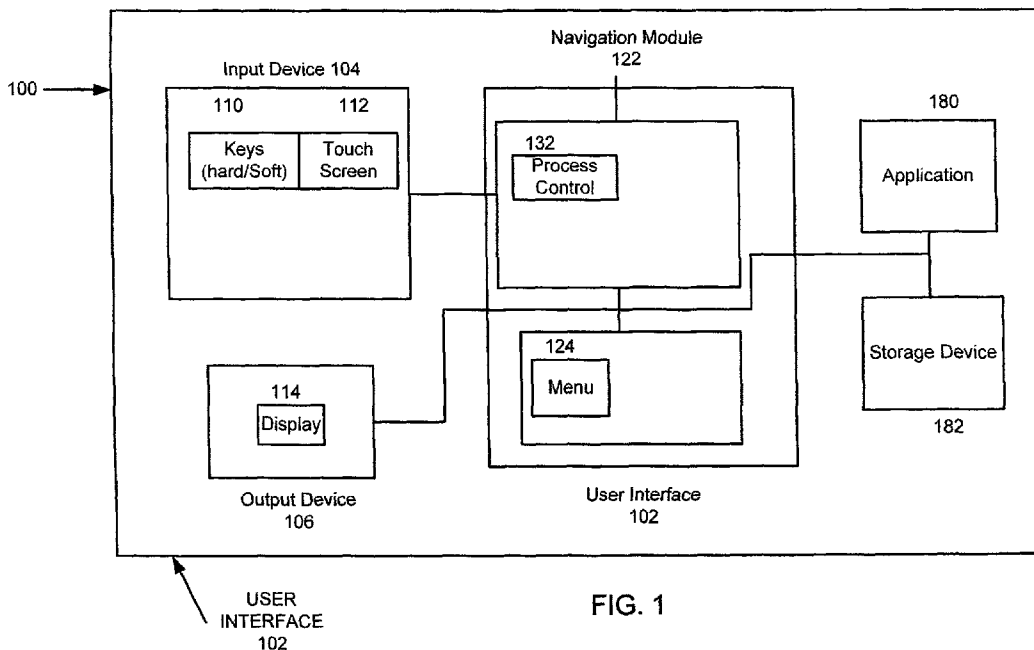


FIG. 1

(57) Abstract: A method includes providing at least one entity icon on a screen of a device, providing at least one visual indicator corresponding to a communication channel associated with the at least one entity, where the visual indicator that corresponds to an active communication channel is different from the visual indicator that corresponds to an inactive communication channel, opening a entity application by selecting an entity icon, moving the entity icon and releasing the entity icon, and opening a communication link with the selected entity by selecting the visual indicator corresponding to an active communication channel.

WO 2009/004436 A3

**INTERNATIONAL SEARCH REPORT**

International application No  
PCT/IB2008/001663

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> INV. H04M1/2745		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b>		
Minimum documentation searched (classification system followed by classification symbols) H04M · G06F		
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 practical, search terms used) EPO-Internal		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	"SKYPE USER GUIDE 3 - v. 2.6"[Online] 23 March 2007 (2007-03-23), pages 1-29, XP002508713 Retrieved from the Internet: URL:http://xseries.three.com.au/xseries/co mmon/pdf/Skype_Guide.pdf> [retrieved on 2008-12-17] pages 12-15	1-18
X	"USB CORDLESS DUAL PHONE - USER MANUAL" INTERNET CITATION, [Online] XP002450317 Retrieved from the Internet: URL:http://dualphone.net/files/getfiles/60 .pdf> [retrieved on 2007-01-01] the whole document	1-18
<input type="checkbox"/> Further documents are listed in the continuation of Box C.		
<input type="checkbox"/> See patent family annex.		
* Special categories of cited documents :		
*A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *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) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed	*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 *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 *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. *&* document member of the same patent family	
Date of the actual completion of the international search  <p align="center">7 January 2009</p>	Date of mailing of the international search report  <p align="center">19/01/2009</p>	
Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer  <p align="center">Maciejewski, Robert</p>	