

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
25 August 2005 (25.08.2005)

PCT

(10) International Publication Number
WO 2005/076881 A3

(51) International Patent Classification:

G06F 15/16 (2006.01)

(21) International Application Number:

PCT/US2005/003346

(22) International Filing Date: 4 February 2005 (04.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

10/774,229 5 February 2004 (05.02.2004) US

(71) Applicant (for all designated States except US): **IPAC ACQUISITION SUBSIDIARY I, LLC** [US/US]; 155 Fleet Street, Portsmouth, NH 03801 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **MORRIS, Robert, Paul** [US/US]; 6021 Fordland Drive, Raleigh, NC 27606 (US).

(74) Agent: **TYTRAN, Stephen, J.**; IPAC, LLC, 111, Corning Road, Ste 220, Cary, NC 27511 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, 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, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

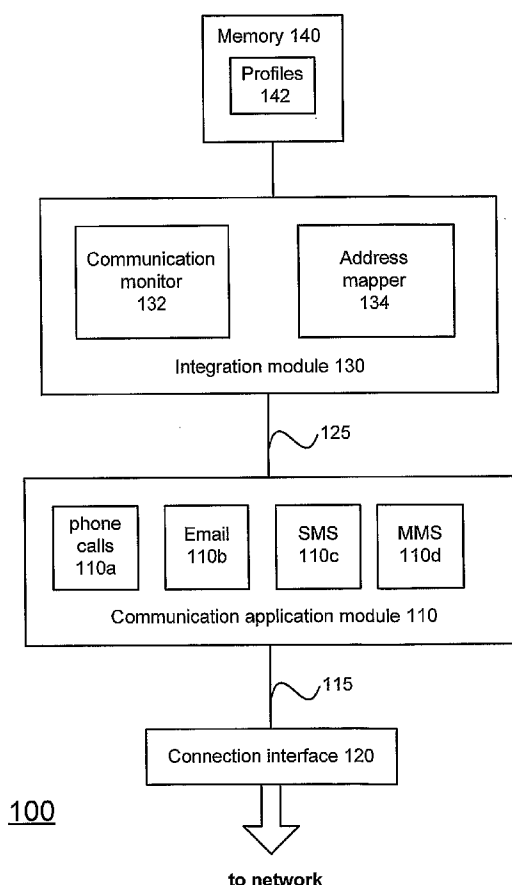
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, 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

[Continued on next page]

(54) Title: TRANSMITTING DATA UTILIZING MULTIPLE COMMUNICATION MODES SIMULTANEOUSLY



(57) Abstract: The present invention is related to a method for transmitting data utilizing a plurality of communication applications (110a, 110b, 110c, 110d) simultaneously in a communication device (100) supporting the plurality of communication applications, and a communication device for implementing the method. The method according to the present invention includes establishing a first communication session between a user of the communication device and a recipient via a first communication application supported by the communication device, invoking a second communication application to transmit data to the recipient via the second communication application during a communication session concurrent with the first communication session, and, in response to invoking the second communication application, automatically retrieving communication information related to the recipient and necessary to establish the concurrent communication session via the second communication application.

WO 2005/076881 A3



(88) Date of publication of the international search report:

25 October 2007

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/03346

A. CLASSIFICATION OF SUBJECT MATTER IPC: G06F 15/16 (2006.01) USPC: 709/227,207 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. : 709/227, 207 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)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,P	US 2004/0172455 A (GREEN et al.) 02 September 2004; page 1, paragraphs [0004 - 0012], page 2, paragraphs [0019 - 0022], pages 6-8, paragraphs [0057 - 0071].	1-38
<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	"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
"E"	earlier application or patent published on or after the international filing date	"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
"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)	"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
"O"	document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P"	document published prior to the international filing date but later than the priority date claimed	
Date of the actual completion of the international search 29 March 2007 (29.03.2007)		Date of mailing of the international search report 30 MAY 2007
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		Authorized officer Le H. Luu Telephone No. 703-305-3900

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US05/03346

Continuation of Item 4 of the first sheet:

TRANSMITTING DATA UTILIZING MULTIPLE COMMUNICATION MODES SIMULTANEOUSLY