

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
24 February 2005 (24.02.2005)

PCT

(10) International Publication Number  
**WO 2005/018246 A3**

(51) International Patent Classification<sup>7</sup>: **G06F 15/16**

(21) International Application Number:  
PCT/US2004/005469

(22) International Filing Date: 25 February 2004 (25.02.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/493,167 7 August 2003 (07.08.2003) US  
60/493,165 7 August 2003 (07.08.2003) US  
10/777,871 12 February 2004 (12.02.2004) US

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(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, 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, 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, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

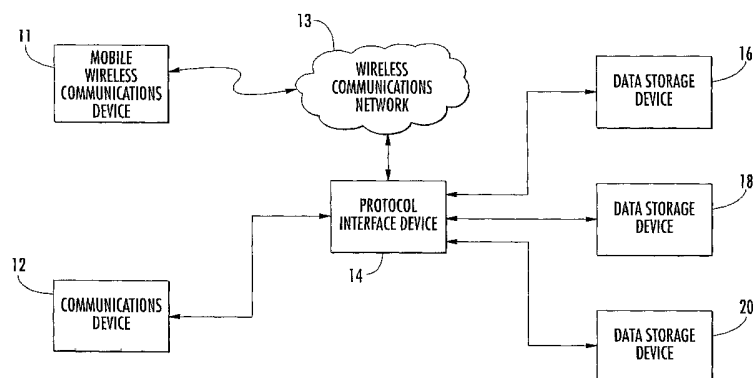
Published:

— with international search report

(88) Date of publication of the international search report:  
20 October 2005

[Continued on next page]

(54) Title: COMMUNICATION SYSTEM PROVIDING REDUCED ACCESS LATENCY AND RELATED METHODS



(57) Abstract: A communications system may include data storage devices for storing data files, and mobile wireless communications devices (MWCDs) generating access requests for the data files. The data storage devices and MWCDs may each use one or more different operating protocols. Each data file may be associated with a respective MWCD and have a unique identification (UID) associated therewith. The system may also include a protocol interface device including a protocol converter module for communicating with the MWCDs using respective operating protocols thereof, and a protocol engine module for communicating with the data storage devices using respective operating protocols thereof. The protocol engine module may also poll the data storage devices for UIDs of data files stored thereon, and cooperate with the protocol converter module to provide UIDs for respective data files to the MWCDs upon receiving access requests therefrom.

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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/05469

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G06F 15/16

US CL : 709/204,230

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. : 709/204,230

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)  
IEEE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/0004955 (Cedola et al.) 2 January 2003 (02.01.2003) abstract, figures 3-7, paragraphs 3-4, paragraphs 27-28, paragraphs 36-38, paragraphs 39-44	1, 3-4, 7-12, 14, 16, 19
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Y		2, 5, 6, 13, 15, 17-18, 20
X	US 6,578,069 (Hopmann et al.) 10 June 2003 (10.06.2003), abstract, figure 3, Col.2 lines 11-25, Col.2 lines 48-65, Col.4 lines 18-30, Col.4 lines 47-60, Col.5 lines 54-59, Col.5 line 60 to Col.6 line 6, Col.7 line 57 to Col.8 line 13, Col.8 lines 55-65, Col.11 lines 25-35	1-3, 7-15, 19-20
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Y		4-6, 16-18
Y	US 2002/0019812 (Board et al.) 14 February 2002 (14.02.2002), figure 3b, figures 6a,6b, paragraph 15, paragraph 17	2, 4-6, 13, 16-18, 20
A	US 6,463,427 (Wu) 8 October 2002 (08.10.2002)	1, 3-4, 7-12, 14, 16, 19
A	US 2003/0145306 (Melahn et al.) 31 July 2003 (31.07.2003)	1, 3-4, 7-12, 14, 16, 19
A	US 2003/0145132 Srinivasan 31 July 2003 (31.07.2003)	1, 3-4, 7-12, 14, 16, 19
A	US 2003/0097410 (Atkins et al.) 22 May 2003 (22.05.2003)	1, 3-4, 7-12, 14, 16, 19



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"O" document referring to an oral disclosure, use, exhibition or other means	
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Date of the actual completion of the international search

24 July 2005 (24.07.2005)

Date of mailing of the international search report

03 AUG 2005

Name and mailing address of the ISA/US

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# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US04/05469

## C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2003/0046366 (Pardikar et al.) 6 March 2003 (06.03.2003)	1, 3-4, 7-12, 14, 16, 19