(19) World Intellectual Property Organization International Bureau



- | 1881 | 1881 | 1881 | 1881 | 1881 | 1881 | 1881 | 1881 | 1881 | 1881 | 1881 | 1881 | 1881 | 1881 | 1881 | 1

(43) International Publication Date 9 February 2006 (09.02.2006)

PCT

(10) International Publication Number WO 2006/014832 A3

(51) International Patent Classification: *G06F 15/00* (2006.01)

(21) International Application Number:

PCT/US2005/026164

(22) International Filing Date: 22 July 2005 (22.07.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/592,445 30 July 2004 (30.07.2004) US 11/101,030 6 April 2005 (06.04.2005) US

(71) Applicant (for all designated States except US): WIRE-LESS SERVICES CORP. [US/US]; 600 108th Avenue N.E., Suite 610, Bellevue WA 98004 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): BARTOSH, David, M. [US/US]; 3608 SW 112th Street, Seattle, Washington 98146 (US). CHEJFEC, Hector, Eduardo [US/US]; 16414 NE 20th, Bellevue, Washington 98008 (US). MILLER, Curtis, L. [US/US]; 2821 - 213th Avenue

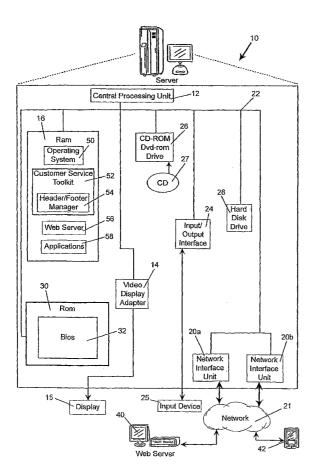
SE, Sammamish, WA 98075 (US). LOFDAHL, Eric, E. [US/US]; 3622 S 268th Street, Kent WA 98032 (US). KUHLMANN, John, Henry [US/US]; 6140 - 93rd SE, Mercer Island WA 98040 (US). HOOGERWERF, David, N. [US/US]; 7813 60th Street SE, Snohomish WA 98290 (US). SIEBERT, Kristine, G. [US/US]; 4717 W. Lake Sammamish Parkway SE, C306, Issaquah WA 98027 (US). SETLOW, Larry, A. [US/US]; 2219 - 175th Avenue NE, Redmond WA 98052 (US). LINDSAY, Alan, C. [US/US]; 18910 Sound View Place, Edmonds WA 98020 (US).

(74) Agents: BRANCH, John, W. et al.; Darby & Darby P.C., P.O. Box 5257, New York, 10150-5257 (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, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL,

[Continued on next page]

(54) Title: MARKUP DOCUMENT APPEARANCE MANAGER



(57) Abstract: An appearance manager (115) for editing and previewing a portion of a Web page, such as a header and/or a footer. A browser-based appearance manager user interface enables a user to edit, validate, and store source markup code of the portion of the Web page without affecting a corresponding deployed Web page. The appearance manager (115) can render the portion of the Web page separate from the remainder of the corresponding deployed Web page or together with the remainder of the corresponding deployed Web page. In either case, the rendering is done separate from the corresponding deployed Web page, so as not to affect the deployed Web page, which is accessible to client browsers. When rendering together, the appearance manager (115) accesses and applies the same stylesheet that is applied to the corresponding deployed Web page. Thus, the user can preview revised portions of the Web page as they will appear when deployed.

WO 2006/014832 A3



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, LV, 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

- 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: 28 September 2006
- (15) Information about Correction: Previous Correction:

see PCT Gazette No. 11/2006 of 16 March 2006

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/US05/26164

USPC: 715/513 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.: 715/513, 501.1 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched ACM, EPO 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. Y, E US 2005/0268230 A1 (BALES) 01 December 2005 (01.12.2005) all. 1-22 Y US 2003/0055970 A1 (KOURTIDIS) 20 March 2003 (20.03.2003) all. 1-5 Y, E US 2004/0205588 A1 (PURVIS et al.) 14 October 2004 (14.10.2004) all. 1-5 Y, E US 2005/0125730 A1 (GODDARD et al.) 09 June 2005 (09.06.2005) [0003], [0041]. 21-22 A US 2004/0006743 A1 (OIKAWA et al.) 08 January 2004 (08.01.2004) all. 1-22 A, E US 2004/0205574 A1 (SAYERS et al.) 14 October 2004 (14.10.2004) all.
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S.: 715/513, 501.1 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched ACM, EPO 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. Y, E US 2005/0268230 A1 (BALES) 01 December 2005 (01.12.2005) all. 1-22 Y US 2003/0055970 A1 (KOURTIDIS) 20 March 2003 (20.03.2003) all. 1-5 Y, E US 2004/0205588 A1 (PURVIS et al.) 14 October 2004 (14.10.2004) all. 1-5 Y US 6,192,407 B1 (SMITH et al.) 20 February 2001 (20.02.2001) col 6, lines 48-54. 10, 20 Y, E US 2005/0125730 A1 (GODDARD et al.) 09 June 2005 (09.06.2005) [0003], [0041]. 21-22 A US 2004/0006743 A1 (OIKAWA et al.) 08 January 2004 (08.01.2004) all
Minimum documentation searched (classification system followed by classification symbols) U.S.: 715/513, 501.1 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched ACM, EPO Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Electronic data base consulted during the international search (name of data base and, where practicable, search end of the fields searched and, search terms used) Electronic data base consulted during the international search (name of data base and, where practicable, search end of the fields searched and, search end of the fields end of the fields end of the
Minimum documentation searched (classification system followed by classification symbols) U.S.: 715/513, 501.1 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched ACM, EPO Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Electronic data base consulted during the international search (name of data base and, where practicable, search end of the fields searched and, search terms used) Electronic data base consulted during the international search (name of data base and, where practicable, search end of the fields searched and, search end of the fields end of the fields end of the
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Electronic data base consulted and, where practicable, search terms used) Electronic data base consulted and, where practicable, search terms used) Electronic data base consulted and, where practicable, search terms used) Electronic data base consulted and, where practicable, search terms used) Electronic data base consulted and, where practicable, search terms used) Electronic data base consulted and, where practicable, search terms used) Electronic data base consulted and, where practicable, search terms used) Electronic data base consulted and, where appropriate, of the relevant passages Relevant to claim No. 1-22 Y
C. DOCUMENTS CONSIDERED TO BE RELEVANT Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Y, E US 2005/0268230 A1 (BALES) 01 December 2005 (01.12.2005) all. 1-22 Y US 2003/0055970 A1 (KOURTIDIS) 20 March 2003 (20.03.2003) all. 1-5 Y, E US 2004/0205588 A1 (PURVIS et al.) 14 October 2004 (14.10.2004) all. 1-5 Y US 6,192,407 B1 (SMITH et al.) 20 February 2001 (20.02.2001) col 6, lines 48-54. 10, 20 Y, E US 2005/0125730 A1 (GODDARD et al.) 09 June 2005 (09.06.2005) [0003], [0041]. A US 2004/0006743 A1 (OIKAWA et al.) 08 January 2004 (08.01.2004) all 1-22
Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Y, E US 2005/0268230 A1 (BALES) 01 December 2005 (01.12.2005) all. 1-22 Y US 2003/0055970 A1 (KOURTIDIS) 20 March 2003 (20.03.2003) all. 1-5 Y, E US 2004/0205588 A1 (PURVIS et al.) 14 October 2004 (14.10.2004) all. 1-5 Y US 6,192,407 B1 (SMITH et al.) 20 February 2001 (20.02.2001) col 6, lines 48-54. 10, 20 Y, E US 2005/0125730 A1 (GODDARD et al.) 09 June 2005 (09.06.2005) [0003], [0041]. 21-22 A US 2004/0006743 A1 (OIKAWA et al.) 08 January 2004 (08.01.2004) all 1-22
Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Y, E US 2005/0268230 A1 (BALES) 01 December 2005 (01.12.2005) all. 1-22 Y US 2003/0055970 A1 (KOURTIDIS) 20 March 2003 (20.03.2003) all. 1-5 Y, E US 2004/0205588 A1 (PURVIS et al.) 14 October 2004 (14.10.2004) all. 1-5 Y US 6,192,407 B1 (SMITH et al.) 20 February 2001 (20.02.2001) col 6, lines 48-54. 10, 20 Y, E US 2005/0125730 A1 (GODDARD et al.) 09 June 2005 (09.06.2005) [0003], [0041]. 21-22 A US 2004/0006743 A1 (OIKAWA et al.) 08 January 2004 (08.01.2004) all 1-22
Y, E US 2005/0268230 A1 (BALES) 01 December 2005 (01.12.2005) all. 1-22 Y US 2003/0055970 A1 (KOURTIDIS) 20 March 2003 (20.03.2003) all. 1-5 Y, E US 2004/0205588 A1 (PURVIS et al.) 14 October 2004 (14.10.2004) all. 1-5 Y US 6,192,407 B1 (SMITH et al.) 20 February 2001 (20.02.2001) col 6, lines 48-54. 10, 20 Y, E US 2005/0125730 A1 (GODDARD et al.) 09 June 2005 (09.06.2005) [0003], [0041]. 21-22 A US 2004/0006743 A1 (OIKAWA et al.) 08 January 2004 (08.01.2004) all 1-22
Y US 2003/0055970 A1 (KOURTIDIS) 20 March 2003 (20.03.2003) all. 1-5 Y, E US 2004/0205588 A1 (PURVIS et al.) 14 October 2004 (14.10.2004) all. 1-5 Y US 6,192,407 B1 (SMITH et al.) 20 February 2001 (20.02.2001) col 6, lines 48-54. 10, 20 Y, E US 2005/0125730 A1 (GODDARD et al.) 09 June 2005 (09.06.2005) [0003], [0041]. 21-22 A US 2004/0006743 A1 (OIKAWA et al.) 08 January 2004 (08.01.2004) all 1-22
Y US 6,192,407 B1 (SMITH et al.) 20 February 2001 (20.02.2001) col 6, lines 48-54. 10, 20 Y, E US 2005/0125730 A1 (GODDARD et al.) 09 June 2005 (09.06.2005) [0003], [0041]. 21-22 A US 2004/0006743 A1 (OIKAWA et al.) 08 January 2004 (08.01.2004) all 1-22
Y, E US 2005/0125730 A1 (GODDARD et al.) 09 June 2005 (09.06.2005) [0003], [0041]. 21-22 A US 2004/0006743 A1 (OIKAWA et al.) 08 January 2004 (08.01.2004) all 1-22
A US 2004/0006743 A1 (OIKAWA et al.) 08 January 2004 (08.01.2004) all 1-22
A, E US 2004/0205574 A1 (SAYERS et al.) 14 October 2004 (14.10.2004) all. 1-22
1
Further documents are listed in the continuation of Box C. See patent family annex.
* Special categories of cited documents: "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
particular relevance "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
"O" document referring to an oral disclosure, use, exhibition or other means obvious to a person skilled in the art
"P" document published prior to the international filing date but later than the priority date claimed document member of the same patent family
Date of the actual completion of the international search 9 May 2006 (09.05.2006) Date of mailing of the international search report 0 4 AUG 2006
Name and mailing address of the ISA/US Authorized officer
Mail Stop PCT, Attn: ISA/US Commissioner for Patents Cong-Lac Huynh
P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201 Telephone No. 571-272-4125

Form PCT/ISA/210 (second sheet) (April 2005)