(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
22 May 2003 (22.05.2003)

PCT

(10) International Publication Number
WO 03/043301 A3

(51) International Patent Classification[7]: H04L 12/18, 29/08, G06F 17/60

(21) International Application Number: PCT/US02/35673

(22) International Filing Date:
6 November 2002 (06.11.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/337,404 10 November 2001 (10.11.2001) US

(71) Applicant: MOBILITY ELECTRONICS, INC. [US/US]; 7955 E. Redfield Road, Scottsdale, AZ 85260 (US).

(72) Inventor: MUSA, Jeff; 5913 Westmont Dr., Plano, TX 75093 (US).

(74) Agent: KLINGER, Robert, C.; Jackson Walker L.L.P., 2435 N. Central Expressway, #600, Richardson, TX 75080 (US).

(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, 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, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UZ, VN, YU, ZA, ZW.

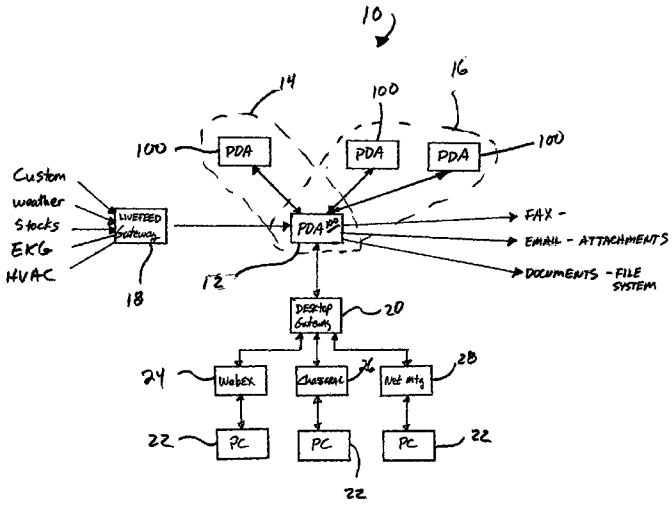
(84) Designated States *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, 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:
21 August 2003

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.

(54) Title: HANDHELD WIRELESS CONFERENCING TECHNOLOGY



(57) Abstract: A system, method, and software architecture/program (10) for handheld PDA (110) applications and users of handheld applications to implement real time wireless collaboration conferencing with a physically remote communication device. Advantageously, the program (10) provides for wireless collaboration conferencing without significant changes to the handheld applications. The handheld application updates its internal state to mirror that of the other participant's devices. The wireless collaboration software implements wireless collaboration conferencing methods which are optimized for the data communication bandwidth, uses native handheld applications fitted to their performance and metrics of a handheld device, communicates using small packets of information, provides a common programmable and user interface for peer-to-peer, peer-to-multi-peer, and peer-to-machine application conferencing, and which software enables end users to schedule, share, manage, and be billed for such conference activity.

WO 03/043301 A3