

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
6 December 2007 (06.12.2007)

PCT

(10) International Publication Number
WO 2007/138445 A3

(51) International Patent Classification:

H04H 1/00 (2006.01) **H04B 7/00** (2006.01)
H04M 3/42 (2006.01) **H04Q 7/00** (2006.01)

(21) International Application Number:

PCT/IB2007/001385

(22) International Filing Date: 28 May 2007 (28.05.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/809,983 1 June 2006 (01.06.2006) US
11/754,188 25 May 2007 (25.05.2007) US

(71) Applicant (for all designated States except US): **GLOBAL MOBILE TECHNOLOGIES LLP** [SG/SG]; #04-12 Botanic Gardens Mansion, 10 Taman Serasi, Singapore 257721 (SG).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **STERN, Donald, Steven** [US/US]; 704 Kirkland Drive, Lexington, KY 40502 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, 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, 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.

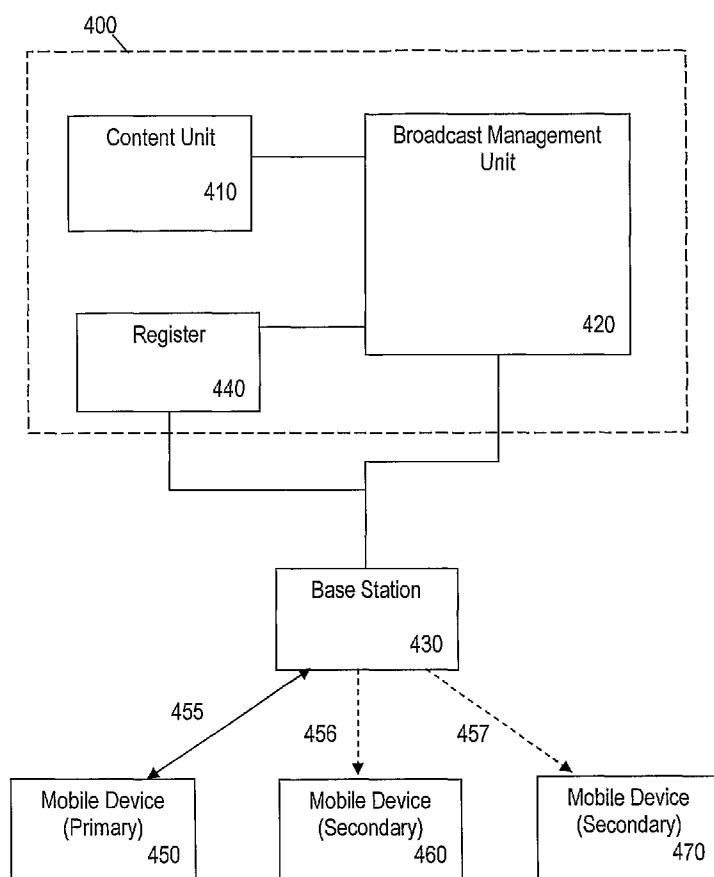
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT,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



(57) Abstract: Embodiments for a system and method of broadcasting messages to communication devices in a mobile communication network are described. The method includes registering at least one communication device configured to receive broadcast messages serviced by a base station, allocating at least one registered communication device as a primary communication device for the base station and the remaining registered communication devices as secondary communication devices, and providing information identifying the primary communication device to each secondary communication device. The method further includes allocating a channel for transmitting a multicast message to the primary communication device, providing information identifying the allocated channel to the primary and secondary communication devices, and transmitting broadcast data over the allocated channel.



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

24 January 2008

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.