

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
12 May 2005 (12.05.2005)

PCT

(10) International Publication Number
WO 2005/043933 A2

(51) International Patent Classification⁷: **H04Q**
(21) International Application Number:
PCT/US2004/034908
(22) International Filing Date: 20 October 2004 (20.10.2004)
(25) Filing Language: English
(26) Publication Language: English
(30) Priority Data:
60/512,897 20 October 2003 (20.10.2003) US

(71) Applicant (for all designated States except US): **RADI-
ANSE, INC.** [US/US]; 439 South Union Street, Suite 401,
Lawrence, MA 01843 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **TESSIER, Paul**
[US/US]; 12 Pocahontas Way, Lynnfield, MA 01940
(US). **DEMPSEY, Michael, K.** [US/US]; 12 April Lane,
Westford, MA 01886 (US).

(74) Agents: **LAURENTANO, Anthony, A.** et al.; Lahive &
Cockfield, LLP, 28 State Street, Boston, MA 02109 (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, 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, IT, 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:

— without international search report and to be republished
upon receipt of that report

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

(54) Title: LOCATION SYSTEM

(57) Abstract: Systems and methods for allowing the location of transmitter to be determined (approximated) without requiring its distance from a receiver to be precisely known. Methods for determining a location of a transmitter without precise distance calculations. In one embodiment, a method is disclosed having the steps of: for a receiver, estimate a first zone a first transmitter is in; for remaining receivers that can receive a given transmitter, each estimate a second zone a first transmitter is in; and determine if there are overlaps in any of the zones. In another embodiment a potential target area is defined wherein the location of a transmitter can be estimated.



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