

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
31 March 2005 (31.03.2005)

PCT

(10) International Publication Number
WO 2005/029278 A3

(51) International Patent Classification⁷: **H04Q 7/20**

(21) International Application Number:
PCT/US2004/030684

(22) International Filing Date:
17 September 2004 (17.09.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/667,136 17 September 2003 (17.09.2003) US

(71) Applicant (for all designated States except US):
TRAPEZE NETWORKS [US/US]; 5753 W. Las
Positas Blvd., Pleasanton, CA 94588 (US).

(72) Inventors: **THOMSON, Allan**; 3256 Sylvaner Court,
Pleasanton, CA 94566 (US). **SRINIVAS, Sudhir**;
Hoyt Street, Fremont, CA 94539 (US). **BUGWADIA,**
Jamsheed; 564 Weybridge Drive, San Jose, CA 95123
(US). **KISHAN, Padumane**; 34428 Calgary Terrace,
Fremont, CA 94555 (US).

(74) Agent: **MEHRA, Shailesh**; Perkins Coie LLP, 101 Jeffer-
son Drive, Menlo Park, CA 94025 (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).

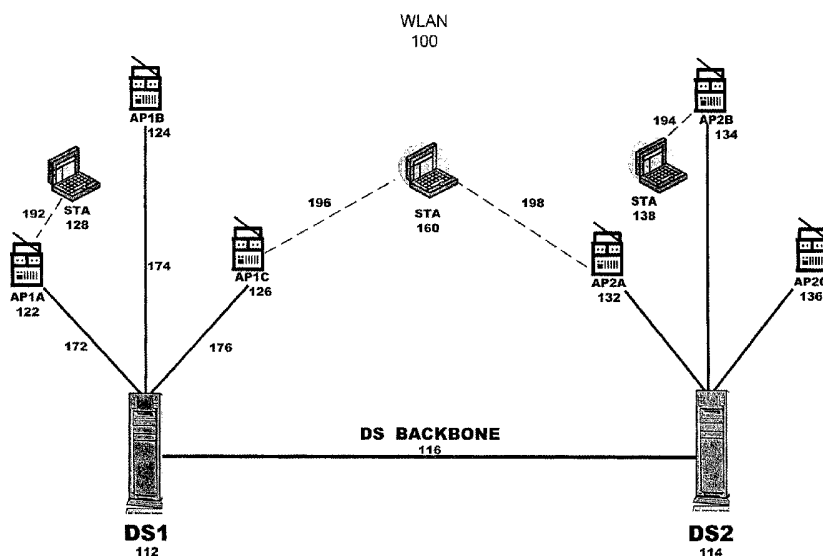
Published:

- 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:
23 March 2006

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: WIRELESS LAN MEASUREMENT FEEDBACK



(57) Abstract: Measured data, such as WLAN data, are received. The measured data are compared with expected data, such as expected WLAN data. Expected WLAN data can be generated from various sources, for example floor plan data and access point data (e.g., quantity, placement, and/or configuration). Based on such measured data, WLAN features can be changed, such as floor plan and/or access point data (e.g., quantity, placement and/or configuration).

WO 2005/029278 A3

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/30684

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H04Q 7/20

US CL : 455/446

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. : 455/446, 423, 67.1, 424, 425; 370/397, 934, 338

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)

Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,P	US 2004/0143428 A1 (RAPPAPORT et al.) 22 July 2004, para. 0038-0043, 0045, 0058.	1-38

☐ 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
"A"	document defining the general state of the art which is not considered to be of 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
"E"	earlier application or patent published on or after the international filing date	"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 obvious to a person skilled in the art
"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)	"&"	document member of the same patent family
"O"	document referring to an oral disclosure, use, exhibition or other means		
"P"	document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search

06 February 2006 (06.02.2006)

Date of mailing of the international search report

10 FEB 2006

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Facsimile No. (571) 273-3201

Authorized officer

Kenneth Wieder

Telephone No. 571-272-2936

Rugenia Zogan

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/30684

Continuation of B. FIELDS SEARCHED Item 3:
USPAT; US-PGPUB; USOCR; EPO; JPO
propagation