

(19) World Intellectual Property Organization
International Bureau



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

PCT

(10) International Publication Number
WO 2005/029729 A3

(51) International Patent Classification:
H04B 7/185 (2006.01)

(21) International Application Number:
PCT/US2004/030963

(22) International Filing Date:
21 September 2004 (21.09.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/506,102 24 September 2003 (24.09.2003) US

(71) Applicant (for all designated States except US): **QUALCOMM Incorporated** [US/US]; 5775 Morehouse Drive, San Diego, California 92121 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **AMES, William G.** [US/US]; 13947 Country Creek Road, Poway, California 92064 (US). **SCHIFF, Leonard N.** [US/US]; 13689 Winstanley Way, San Diego, California 92130 (US).

(74) Agents: **WADSWORTH, Philip R.** et al.; 5775 Morehouse Drive, San Diego, California 92121 (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).

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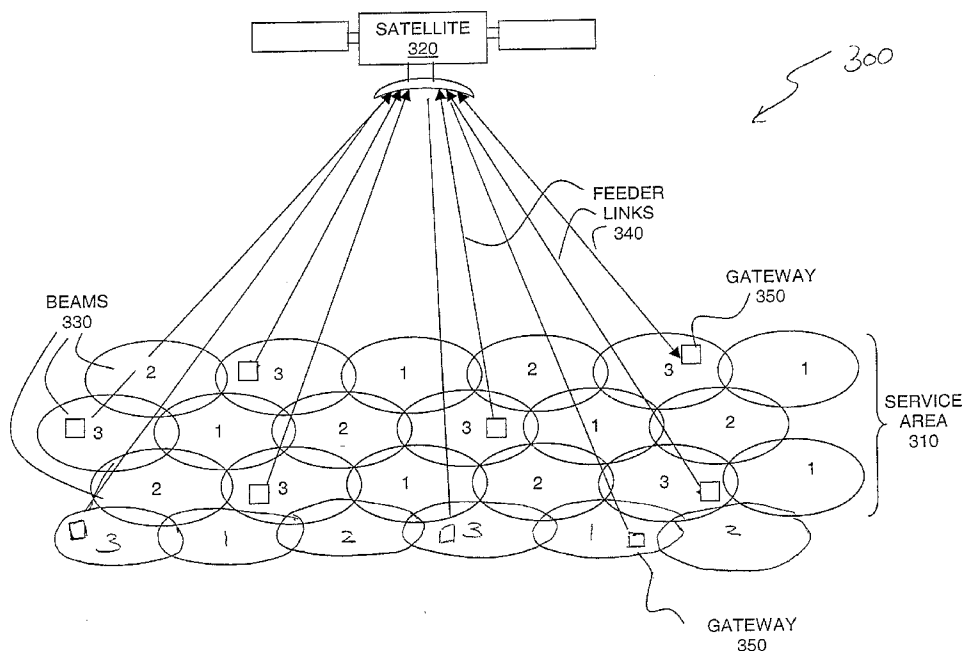
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

Published:

- with international search report

[Continued on next page]

(54) Title: MIXED REUSE OF FEEDER LINK AND USER LINK BANDWIDTH



(57) Abstract: An apparatus and method for a wireless communication system in which a forward/uplink portion and a return/uplink portion are assigned within an available frequency bandwidth is disclosed. More particularly, a service area is divided into multiple regions. The assignment of the forward/uplink portion of the return/uplink portion is shuffled in the multiple regions. The apparatus and method may be implemented in a multi-beam wireless communication system.

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

1 February 2007

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INTERNATIONAL SEARCH REPORT

International App¹

PCT/US2004/030963

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04B7/185

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)

IPC 7 H04B

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 practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, P	WO 2004/010610 A (QUALCOMM, INCORPORATED) 29 January 2004 (2004-01-29) figures 1,4,7,8 page 10, paragraph 45 - page 11, paragraph 49 page 13, paragraph 60 - page 15, paragraph 66	1,10-13, 22-26
A	----- US 6 317 420 B1 (SCHIFF LEONARD N) 13 November 2001 (2001-11-13) figures 1,4,5,7 column 9, line 34 - column 11, line 23 -----	1-26



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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Date of the actual completion of the international search

8 March 2005

Date of mailing of the international search report

15/03/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Fribert, J

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Appl

PCT/US2004/030963

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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