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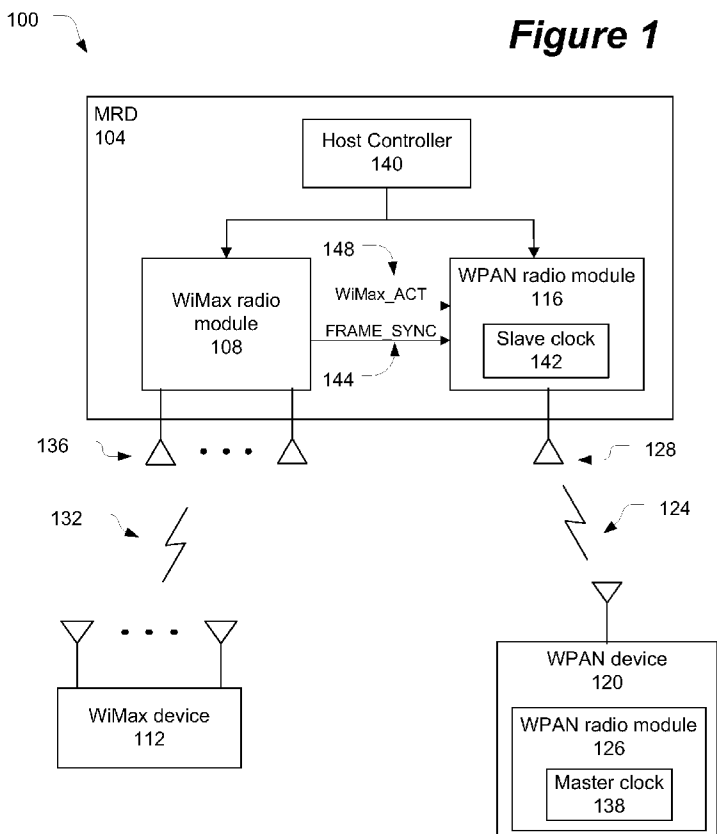
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[Continued on next page]

(54) Title: COORDINATING COMMUNICATIONS AMONG WIRELESS PERSONAL AREA NETWORK DEVICES



(57) Abstract: Embodiments of a multi-radio wireless communication device having two or more radio modules are generally described herein. In some embodiments, an initiating link manager may generate and transmit messages to a responding link manager. The messages may include a desired slot offset value and a desired point in time to perform slot adjustment. The responding link manager may return with a message indicating acceptance or nonacceptance of the desired slot offset value. If the responding link manager accepts the desired slot offset value, the message may also include whether the slot adjustment may be implemented at the desired point in time or incrementally. Other embodiments may be described and claimed.

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European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, 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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## INTERNATIONAL SEARCH REPORT

International application No.  
**PCT/US2008/083979****A. CLASSIFICATION OF SUBJECT MATTER***H04W 84/12(2009.01)i*

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 9: H04W, H04Q, H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Utility models and applications for Utility Models since 1975  
Japanese Utility models and applications for Utility Models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKIPASS(KIPO internal) &amp; keywords: "wireless, collision, wlan, bluetooth, slot, offset, adjustment"

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2005-0215284 A1 (SU, LING et al.) 29 Sep. 2005 See abstract, figures 2,7, paragraphs [0024]-[0028], [0037]-[0046], [0053] and claim 1.	1-25
Y	US 2007-0275746 A1 (BITRAN, YIGAL) 29 Nov. 2007 See abstract, figures 1,3, paragraphs [0124]-[0130], [0141] and claims 1,20.	1-25
Y	US 07233602 B2 (CHEN, MINGHUA et al.) 19 Jun. 2007 See abstract, figures 3A,4,8, col. 9, lines 24-27, col. 17, lines 7-28, and claims 1,7.	9, 25
A	US 2006-0194538 A1 (PALIN, ARTO et al.) 31 Aug. 2006 See abstract, figures 1,6, paragraphs [0049]-[0050], [0058]-[0061], and claim 1.	1-25
A	US 2006-0292986 A1 (BITRAN, YIGAL et al.) 28 Dec. 2006 See abstract, figure 1, paragraphs [0041]-[0042], and claim 1.	1-25
A	US 2006-0211372 A1 (SHELLHAMMER, STEPHEN J. et al.) 21 Sep. 2006 See abstract, figures 1,3, paragraphs [0034]-[0037], [0053]-[0057], and claim 29.	1-25
A	JP 2004-172808 A (CANON INC) 17 Jun. 2004 See abstract, figure 1, and claim 1.	1-25

 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"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

"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

"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

"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

"&amp;" document member of the same patent family

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

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