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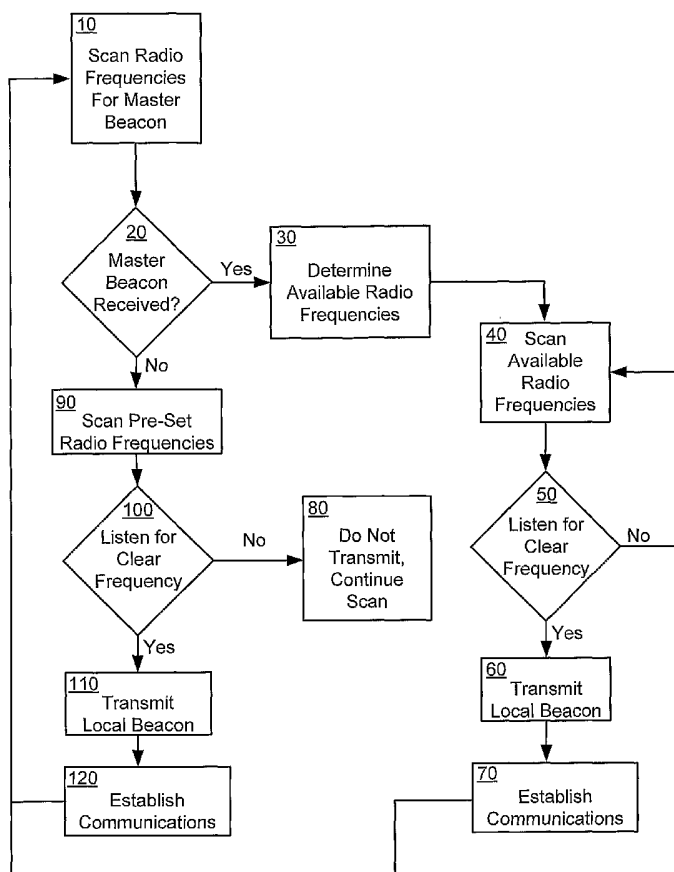
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[Continued on next page]

(54) Title: COMMON SIGNALING METHOD AND APPARATUS



(57) Abstract: A common signaling method and apparatus are provided. In one embodiment, a method is provided that enables communication in under-utilized radio frequencies, by receiving a master beacon, scanning radio frequencies included in the master beacon, and establishing communications using an unoccupied radio frequency from one of the listed radio frequencies. This Abstract is provided for the sole purpose of complying with the Abstract requirement rules that allow a reader to quickly ascertain the subject matter of the disclosure contained herein. This Abstract is submitted with the explicit understanding that it will not be used to interpret or to limit the scope or the meaning of the claims.



Declaration under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/14630

A. CLASSIFICATION OF SUBJECT MATTER

IPC: **H04Q 7/20**(2006.01)

USPC: 455/454,450,452.1,455

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. : 455/454,450,452.1,455, 434,41.2-41.3; 370/329-330

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,497,505 A (KOOHGOLI et al) 05 March 1996 (05.03.1996), whole document	1, 4, 9-10, 19-20
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Y		7, 17
Y, E	US 6,961,556 B2 (JAMES et al) 01 November 2005 (01.11.2005), whole document	7
X	US 5,530,701 A (STILLMAN et al) 25 June 1996 (25.06.1996), whole document	11, 14, 16
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Y		17

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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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		

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