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(54) Title: TECHNIQUES FOR MANAGEMENT OF SHARED RESOURCES IN WIRELESS MULTI-COMMUNICATION DEVICES

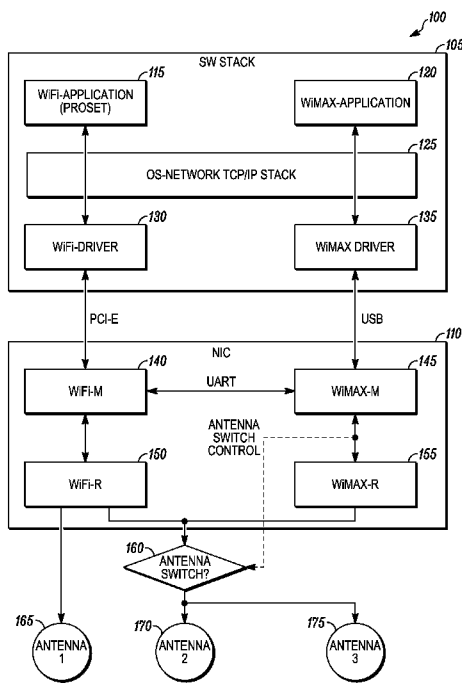


FIG. 1

(57) Abstract: An embodiment of the present invention provides an apparatus, comprising a network adapter configured for wireless communication using more than one technology, and wherein the network adapter is configured to share a plurality of shared hardware components by limiting access to the air to one comm only at given time by designating one comm that owns the shared hardware components as a primary comm and all other comms are secondary comms, wherein the primary comm allows the secondary comms to use the shared hardware components when it is in an idle-state but when the primary comm returns from the idle state, it claims ownership of the shared resources and the secondary comms release the shared resources.



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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)

H04W 88/06; H03K 6/04; H04B 1/38; H04B 7/00; H04B 7/212; H04L 27/04; H04M 1/00

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)

e-Kompass: adapter, resource, share

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2007-0135162 A1 (RAJA BANERJEA et al.) 14 June 2007 See abstract, figure 1, claims 1, 2, 5 and 11.	1,3,8,10,15,17
A	US 2004-0029619 A1 (JIE LIANG et al.) 12 February 2004 See abstract, figure 3, claims 1 and 14.	1-20
A	US 2005-0059347 A1 (JACOBUS, C. HAARTSEN) 17 March 2005 See abstract, figure 9, claims 1 and 13.	1-20
A	US 2005-0271010 A1 (PIETRO CAPRETTA) 08 December 2005 See abstract, figure 3 and claim 1.	1-20

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

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