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(54) **BASEBAND WIRELESS NETWORK FOR ISOCRONOUS COMMUNICATION**

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(57) **ABSTRACT**

A wireless communication network system apparatus which provides for isochronous data transfer between node devices of the network, which provides at least one master node device which manages the data transmission between the other node devices of the network, which avoids or reduces interference from other wireless products and which resolves random errors associated with wireless technology including multipath fading. The system provides a communication protocol which shares the wireless transport medium between the node devices of the network, and which provides each node device on the network a designated transmit time slot for data communication.

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