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(54) Title: TIME-MULTIPLEXING OF MULTIPLE LISTENING SCHEDULES AND PHYSICAL LAYER MODES IN A MESH NETWORK

(57) Abstract: Various embodiments disclose a method that includes: attempting to detect, with a first transceiver associated with a first node, a network discovery signal, wherein the attempting is performed according to (a) a first listening schedule associated with a first physical layer mode and (b) a second listening schedule associated with a second physical layer mode; detecting, with the first transceiver, the network discovery signal during a slot associated with the first listening schedule; and in response to detecting the network discovery signal, establishing, with the first node, a connection between the first node and the second node using the first physical layer mode.

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