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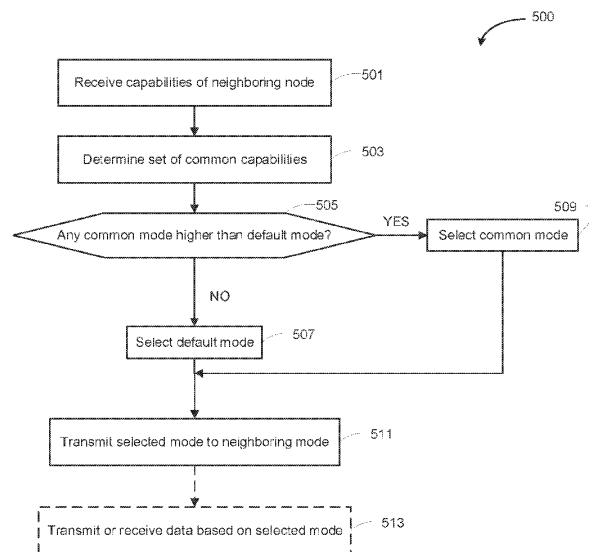


FIG. 5

(57) Abstract: Various embodiments disclose a computer-implemented method for transmitting data between node devices in a mesh network comprising receiving, by a first node device within the mesh network that supports a first set of communication modes, a first information element that specifies a second set of communication modes supported by a second node device within the mesh network, determining, based on the first information element, a common set of communication modes that includes at least a default mode and a first mode, selecting, from the common set of communication modes, the first mode as a first preferred communication mode for data transmissions between the first node device and the second node device, and configuring a communication link between the first node device and the second node device according to the first mode.

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