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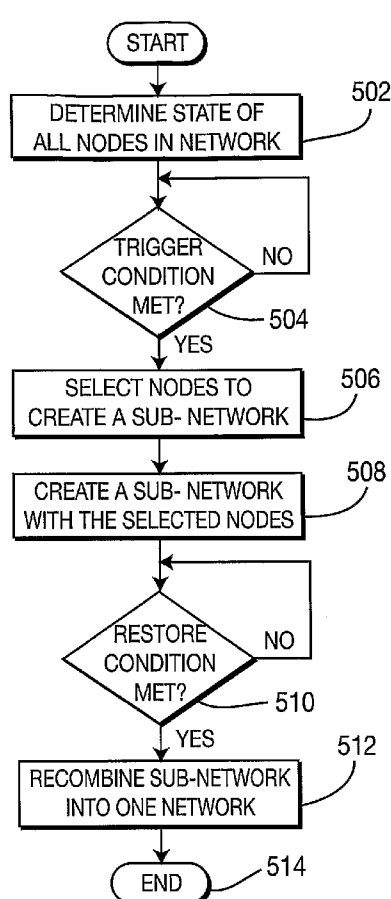
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(54) Title: LOGICAL AND PHYSICAL MESH NETWORK SEPARATION



(57) Abstract: A method for creating sub-networks in a wireless mesh network begins by determining whether a trigger condition for creating a sub-network exists. Nodes in the mesh network are selected to create the sub-network if the trigger condition exists. The sub-network is then created with the selected nodes. A node for use in a wireless mesh network includes a state device for maintaining a state of the node, the state of the node relating to activity occurring at the node; an attachment list communicating with the state device; a trigger device communicating with the state device; and an attachment device communicating with the attachment list and the trigger device



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