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(54) Title: DISCOVERY OF FORWARDERS TO MITIGATE ASYMMETRIC LINKS IN A MULTICAST GROUP

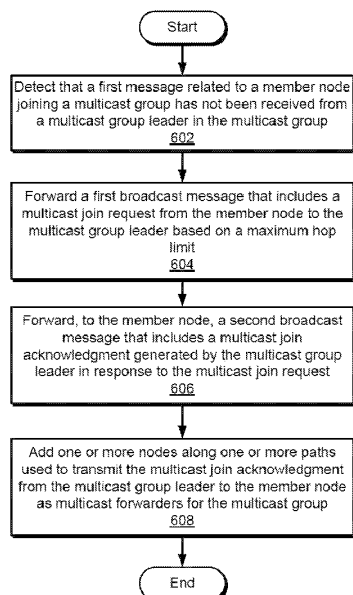


FIG. 6

(57) Abstract: One embodiment of the present invention sets forth a technique for establishing communications within a multicast group of nodes included in a mesh network. The technique includes detecting that a first message related to the member node joining the multicast group has not been received from a multicast group leader included in the multicast group. The technique also includes in response, generating a first broadcast message for the member node that includes a multicast join request. The technique further includes forwarding the first broadcast message to one or more nodes included in the mesh network that are direct neighbors of the member node, wherein at least one node included in the one or more nodes further forwards the first broadcast message based on a first maximum hop limit.

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