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(54) Title: A METHOD FOR MANAGING POTENTIALLY DISRUPTIVE NODES IN A MOBILE AD-HOC NETWORK

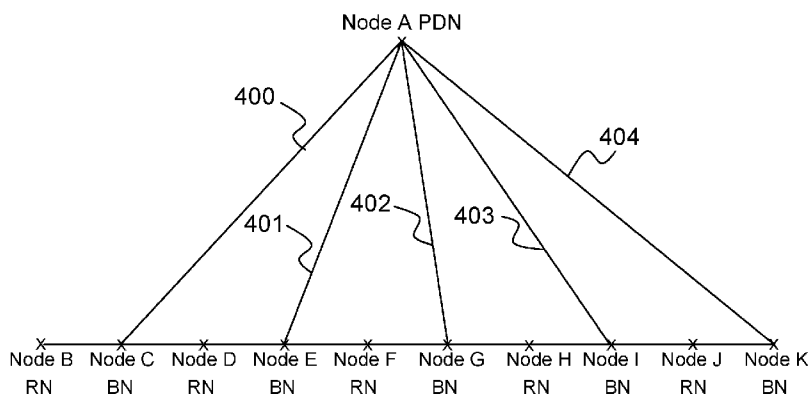


FIG.4

(57) Abstract: A method for managing node communications in a mobile ad-hoc network where at least a node in the said network performs the following steps: - identifying if it is a Potentially Disruptive Node (PDN) or a non-PDN node, a PDN node being a node that has a number of connected 1-hop neighbour nodes greater than a predetermined value K; - when the node is identified as a PDN node, selecting a subset of its 1-hop neighbour nodes, the selected nodes being the only 1-hop neighbour nodes that are allowed to communicate directly (400, 401, 402, 403, 404) with the PDN node, the selected nodes being called Bridge Nodes (BN), non-BN nodes being called Regular Nodes (RN), the said RN nodes being able to communicate with PDN nodes via the selected BN nodes.