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(54) **Title**: ROUTING COMMUNICATIONS BASED ON LINK QUALITY

(57) **Abstract**: A node may determine a link quality between the node and multiple neighbor nodes. For each of the multiple neighbor nodes, the node compares the determined link quality between the node and each respective neighbor node to a predetermined threshold quality. If the link quality meets the predetermined threshold quality, the node may qualify the link and add the link to a list of qualified links that meet the threshold link quality. The node may then route communications to neighbor nodes with which the node has a qualified link.

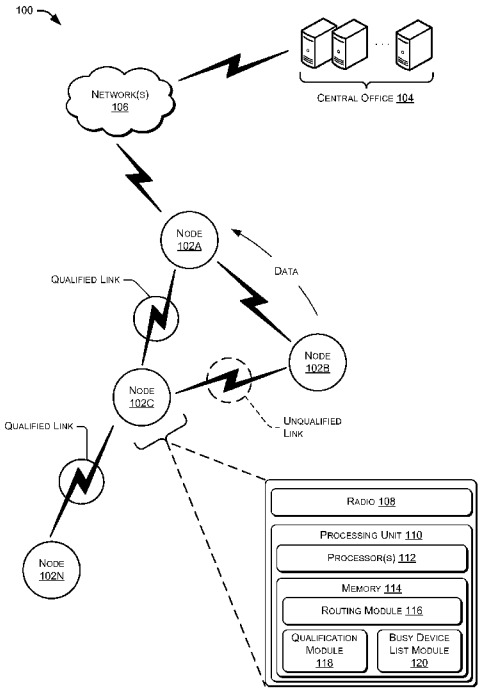

FIG. 1

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