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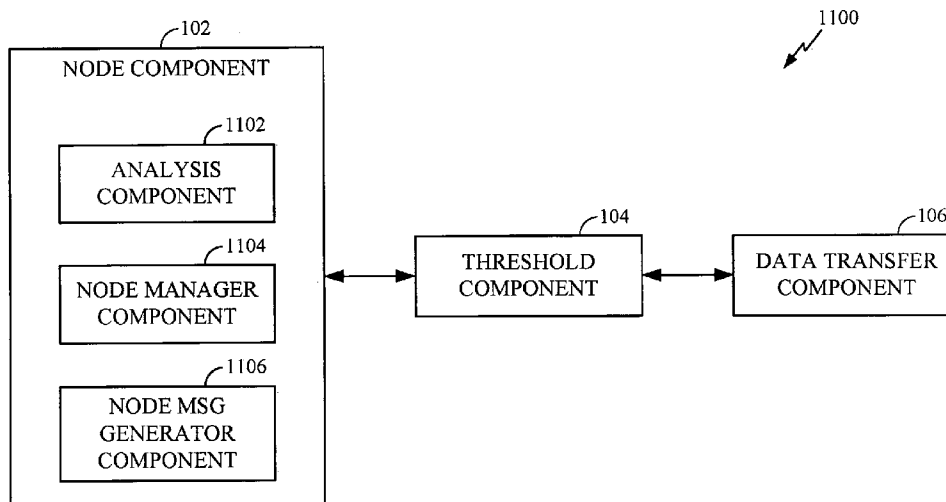
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(54) Title: DYNAMIC CARRIER SENSING THRESHOLDS



(57) Abstract: Systems and methodologies are described that facilitate communication in a wireless network environment. In particular, access points can dynamically adjust transmit power and/or carrier-sensing thresholds to allow multiple access points to communicate concurrently. In aspects, access points exchange node information, including RSSI and node addresses, of nearby nodes. The node information can be utilized to detect hidden nodes and estimate interference levels. Transmit power and/or carrier-sensing thresholds can be modified as a function of distance between source and destination access points, interference from hidden nodes, transmission rates, and/or path loss.

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