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(54) Title: ADAPTIVE TRANSMISSION MANAGEMENT BASED ON LINK LATENCY

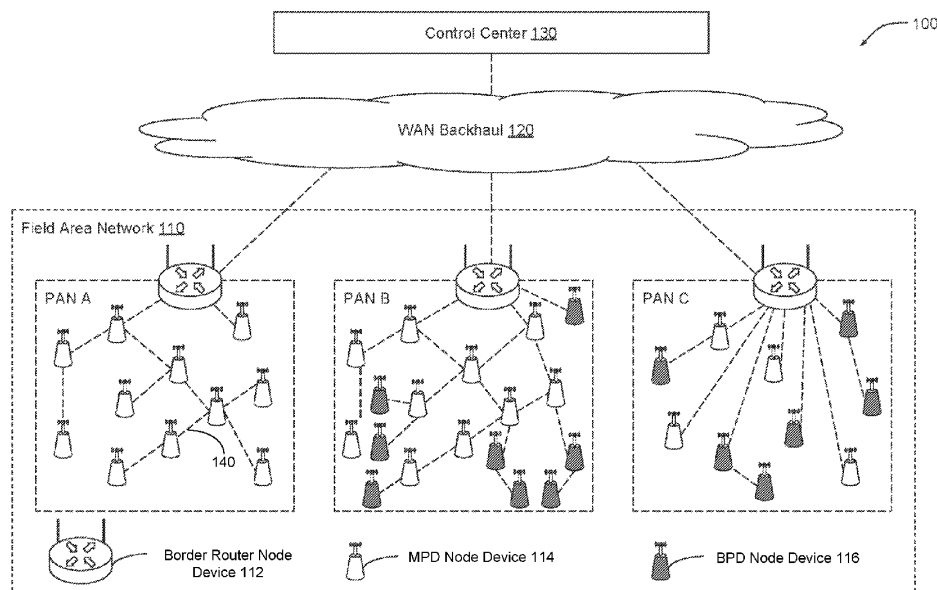


FIG. 1

(57) Abstract: Various embodiments disclose a method comprising receiving, at a first node, a listening schedule associated with a second node; determining, by the first node, a link latency associated with the second node based on the listening schedule; in response to the first node detecting a frame transmission failure for a frame being transmitted by the first node to the second node, determining, by the first node based on the link latency, a backoff time; and in response to the first node determining that the backoff time has elapsed, the first node retransmitting the frame from the first node to the second node. In some embodiments, the method also includes determining a frame lifetime value associated with the second node based on the link latency; and in response to determining that a time period corresponding to the frame lifetime value has elapsed, dropping the frame.

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