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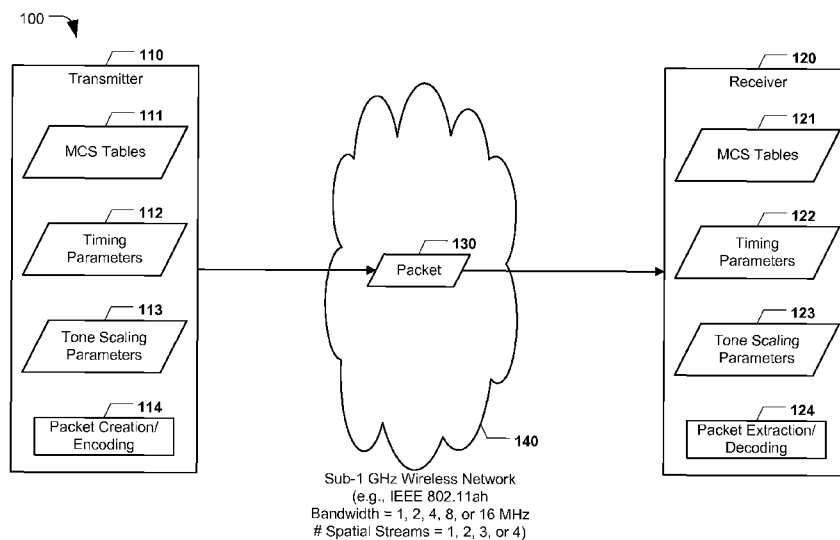
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**FIG. 1**

(57) **Abstract:** Systems and methods of controlling characteristics of messages in sub-1 GHz networks (e.g., IEEE 802.11ah networks) are disclosed. One or more data structures indicating available frame formats and/or timing parameters may be stored at or accessible to transmitters and receivers. The data structures may be organized based on a frame format, a wireless network bandwidth, and/or the number of spatial streams in use at the wireless network. Information stored in the data structures may be used in generation and processing of messages communicated via the sub-1 GHz network.