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(54) Title: HOPPING STRUCTURE FOR CONTROL CHANNELS

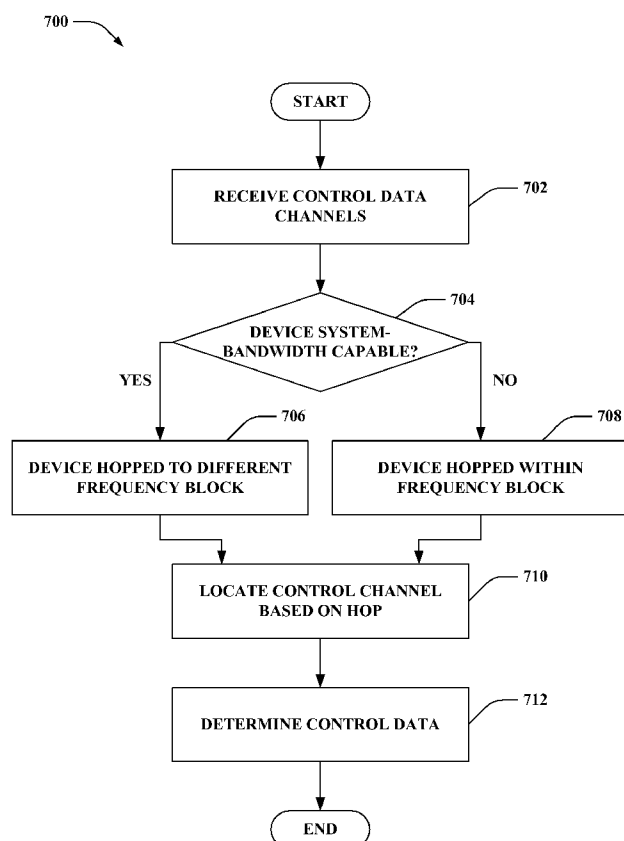


FIG. 7

(57) Abstract: Systems and methodologies are described that facilitate transmitting and receiving control data according to hopping patterns where the hopping patterns are defined based in part on bandwidth capabilities of a device transmitting the control data and bandwidth of the network on which the data is being transmitted. In this regard, devices having lower bandwidth capabilities than the network can hop within given frequency blocks reserved for control data assuming the blocks are no greater than the bandwidth of the device. Devices having greater or substantially equal bandwidth capabilities as the network can hop across disparate frequency blocks of the network reserved for control data as the device can handle substantially any hop in frequency. This preserves frequency diversity for control channels in multiple device types regardless of device bandwidth capabilities.



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