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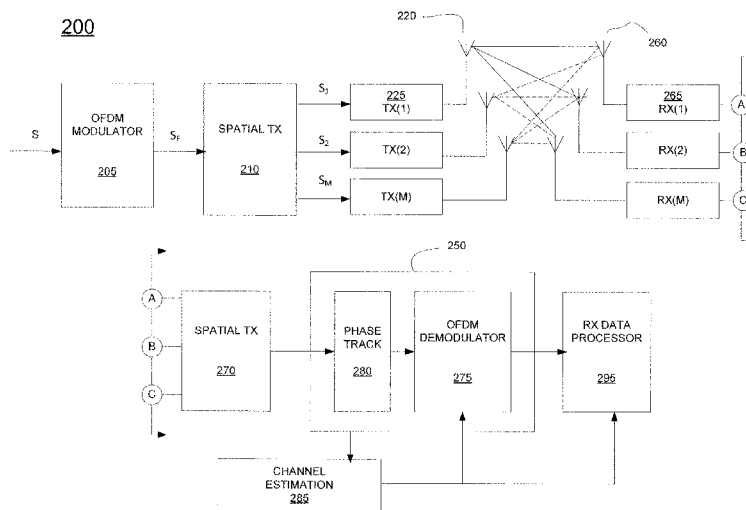


FIG. 2

(57) Abstract: A system and method for transmitting LDPC parameters is provided. In the method, an initial number of OFDM symbols (N_{sym_init}) is determined for a packet that is based on the number of information bits to be delivered in the packet. An STBC value is also determined. A number of extra symbols (N_{sym_ext}) value is generated based on the N_{sym_init} value, wherein a N_{sym} value is based on said N_{sym_init} value and said N_{sym_ext} value. An N_{ldpc_ext} value is determined based on the STBC value and the N_{sym_ext} value for purposes of determining LDPC parameters associated with the packet.