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(54) Title: A METHOD OF TRANSMITTING DATA TO A RECEIVER

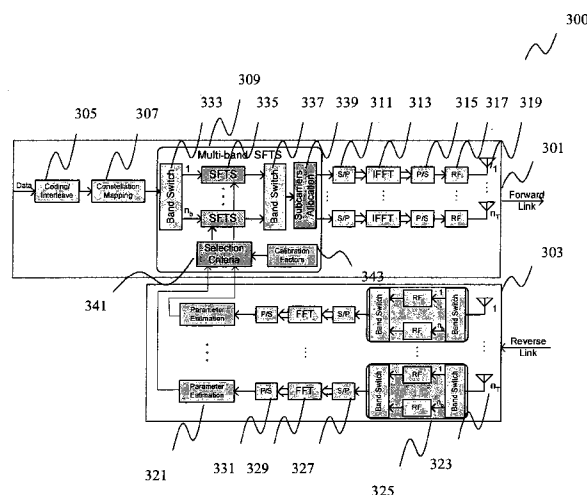


Figure 3

(57) Abstract: A method of transmitting data to a receiver, wherein the data is transmitted using a plurality of sub-carriers, is provided. The method provided includes selecting, for each sub-carrier, an antenna of a plurality of antennas to be used for the transmission of the sub-carrier based on a transmission characteristic of a transmission of the sub-carrier between the antenna and the receiver.

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