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(54) **SYSTEMS AND METHODS FOR DETERMINING TRANSMITTER AND RECEIVER CONFIGURATIONS FOR A WIRELESS DEVICE**

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(57) **ABSTRACT**

Systems and methods of determining transmitter and receiver configurations for a wireless device are provided. In one exemplary embodiment, a method performed by a wireless device (105, 200, 300a-b, 500, 605) in a wireless communications system (100) comprises transmitting or receiving (403) a first signal of a first type (113) using a first transmitter or receiver configuration based on a first quasi co-location (QCL) assumption (121) associating the first signal with a first reference signal (111) received by the wireless device. Further, the method includes transmitting or receiving (407) a second signal of a second type (117) using a second transmitter or receiver configuration based on a second QCL assumption (123) associating the second signal with a second reference signal (115) received by the wireless device.

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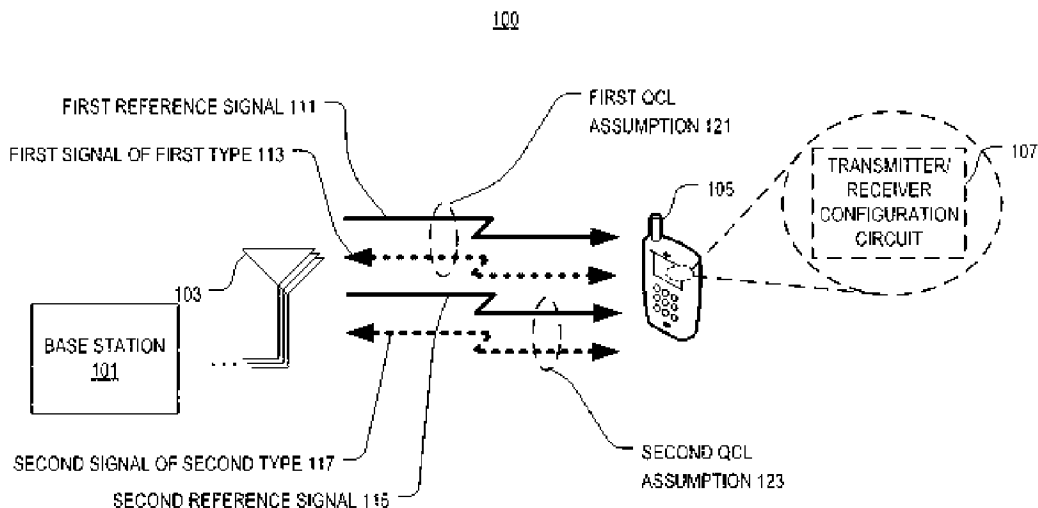
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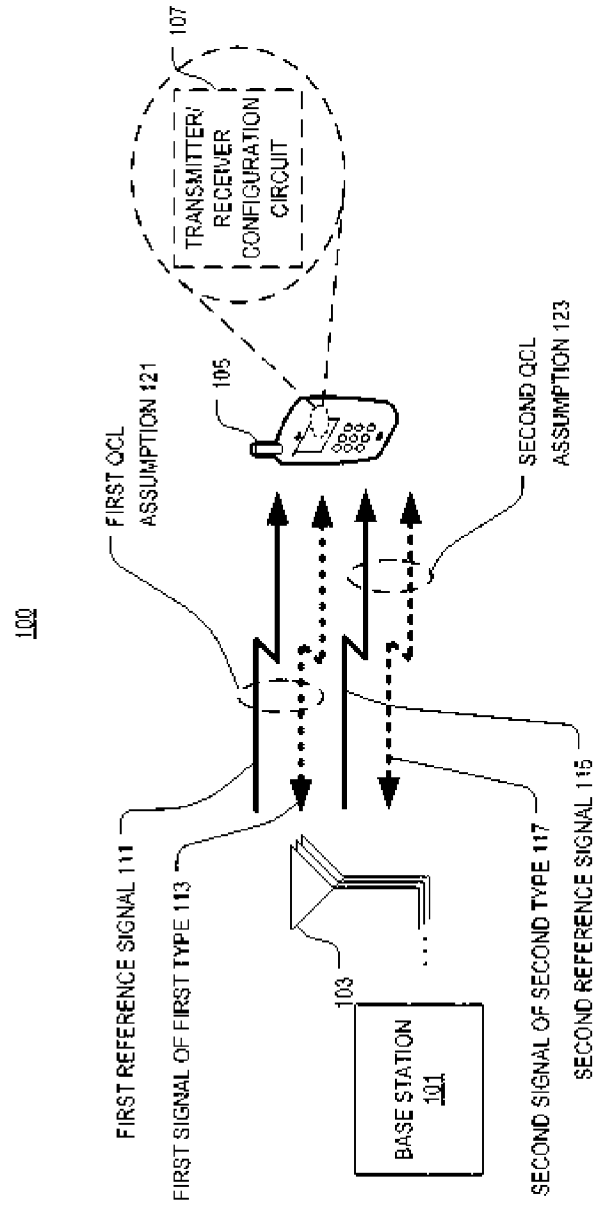


FIG. 1

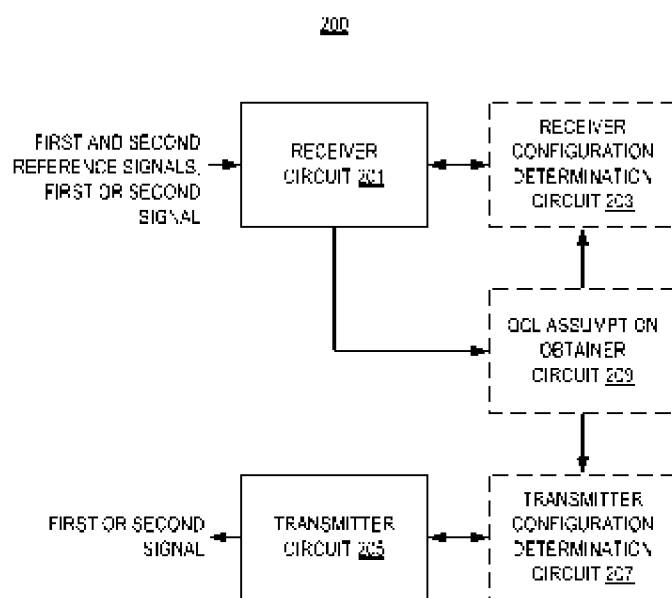


FIG. 2

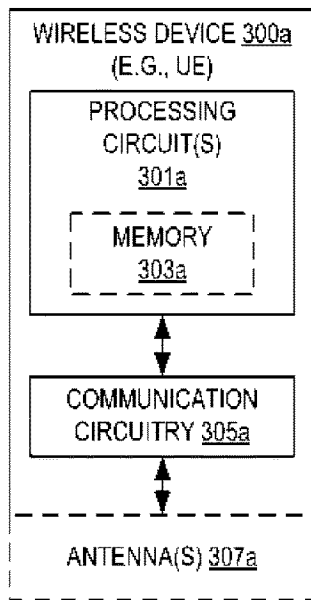


FIG. 3A

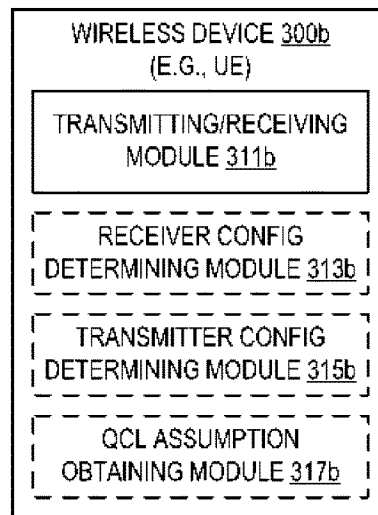


FIG. 3B

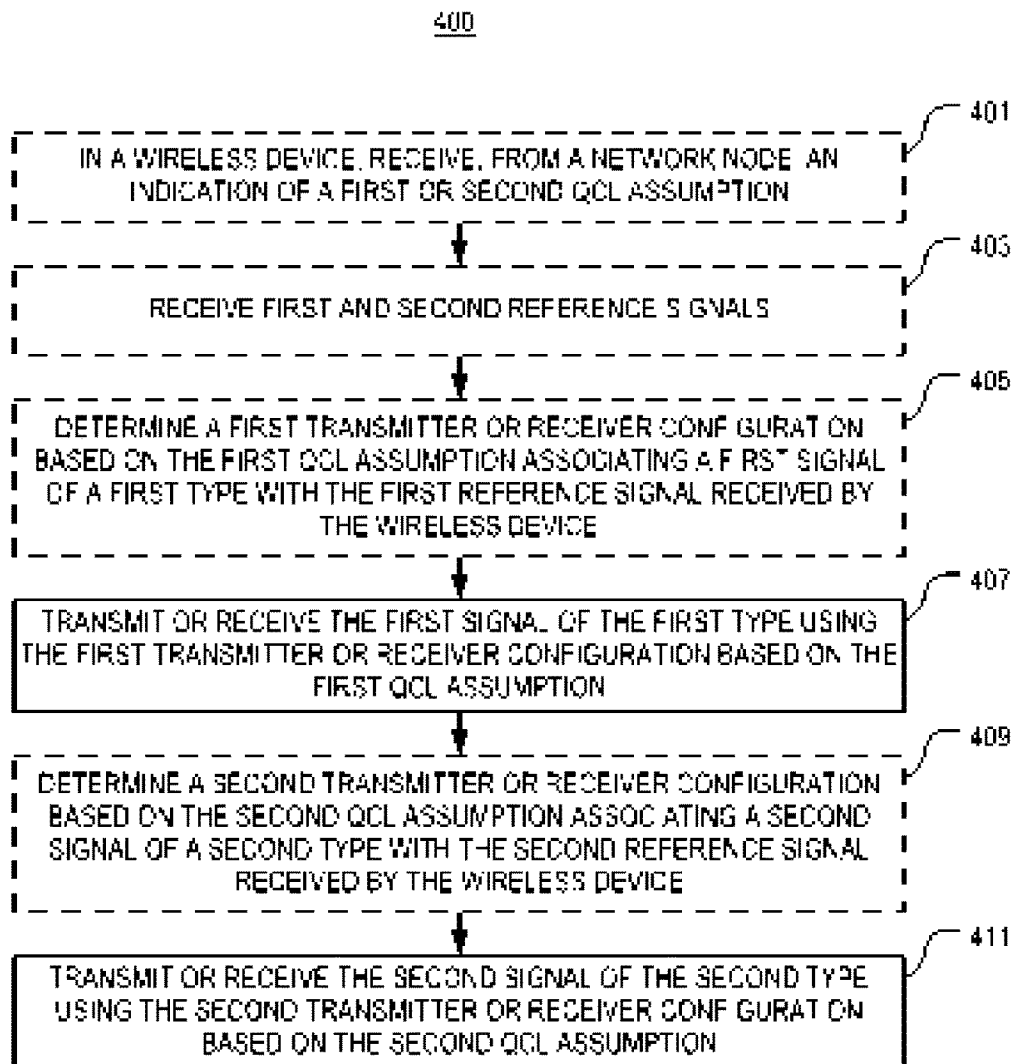


FIG. 4

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