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(54) **AUTONOMOUS QUASI CO-LOCATION STATUS REDEFINITION BY RECEIVER IN COORDINATED MULTIPOINT DOWNLINK**

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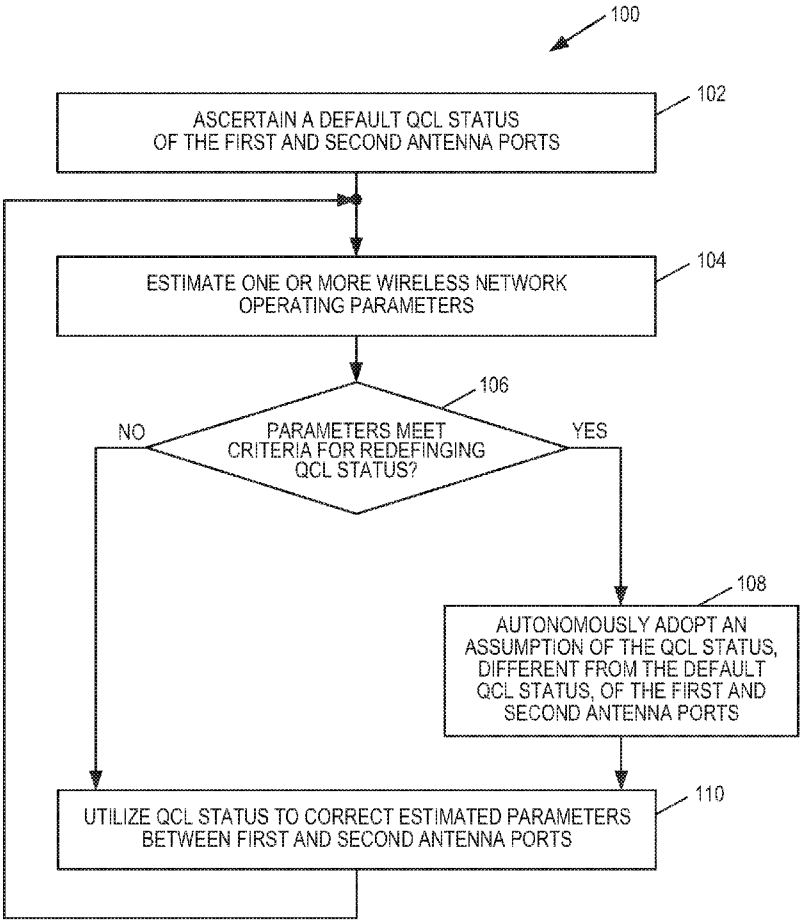
CPC ***H04B 7/024*** (2013.01); ***H04W 24/08*** (2013.01); ***H04L 25/0202*** (2013.01); ***H04L 5/0048*** (2013.01); *H04W 88/08* (2013.01)

(57) **ABSTRACT**

User Equipment, UE (**30**), in a wireless radiocommunication network (**10**) supporting Coordinated Multi-Point, CoMP, transmissions may autonomously adopt an assumption of the quasi co-located (QCL) status of two (or more) antenna ports that is different from the default QCL status defined or signaled by the network (**10**), in response to one or more estimates of certain operating parameter values. The altered QCL status assumption allows the UE (**30**) to correct parameter estimates more accurately, and/or to reduce complexity in the parameter estimation correction.



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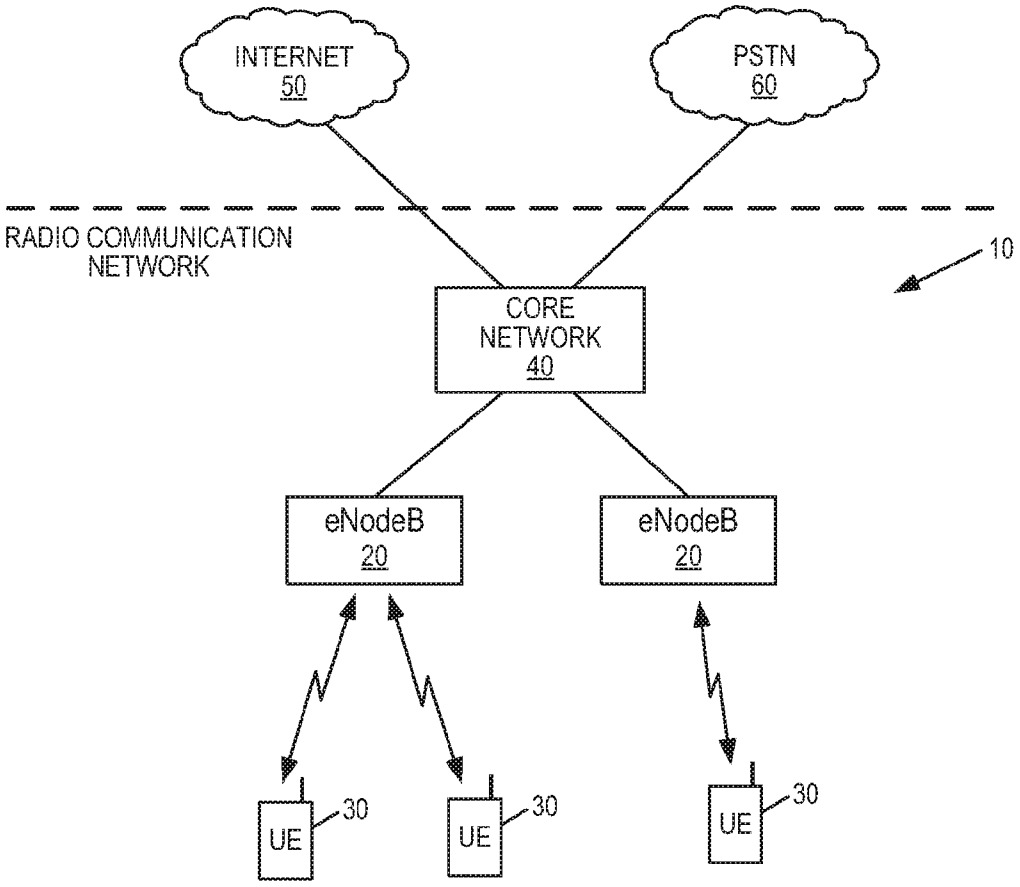

FIG. 1

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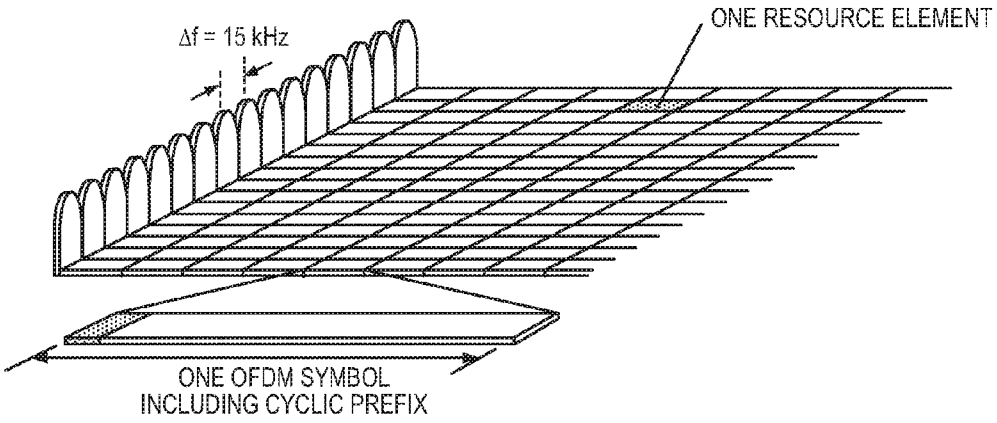

FIG. 2

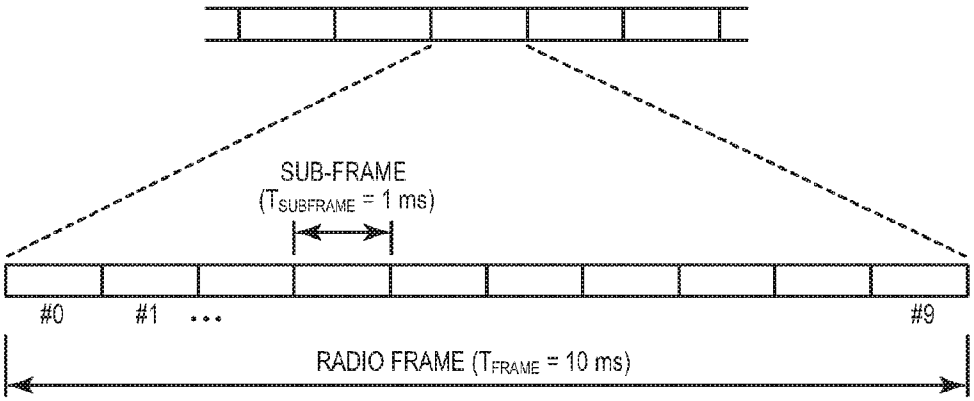

FIG. 3

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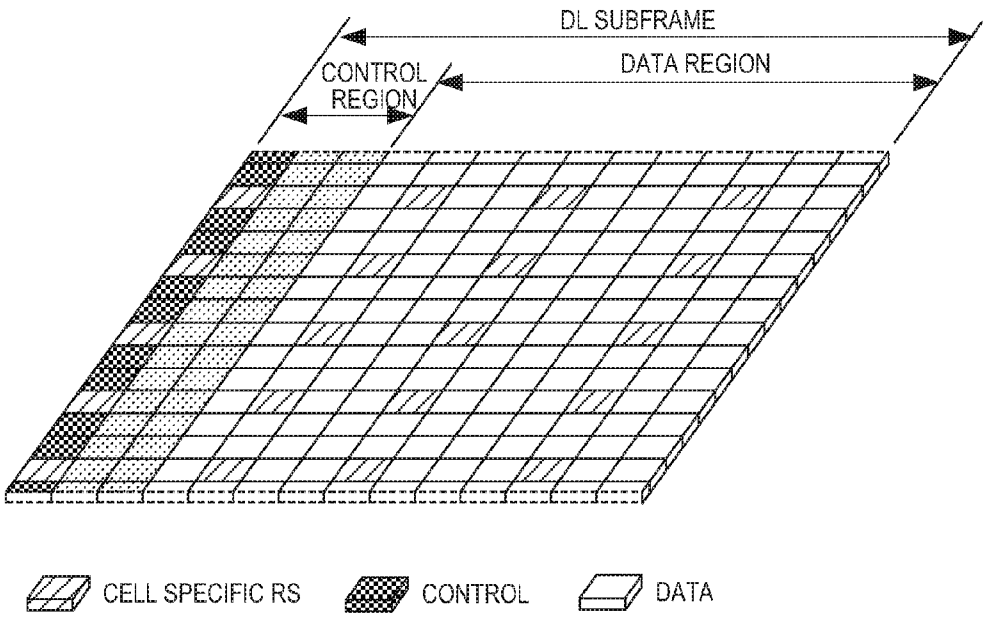

FIG. 4

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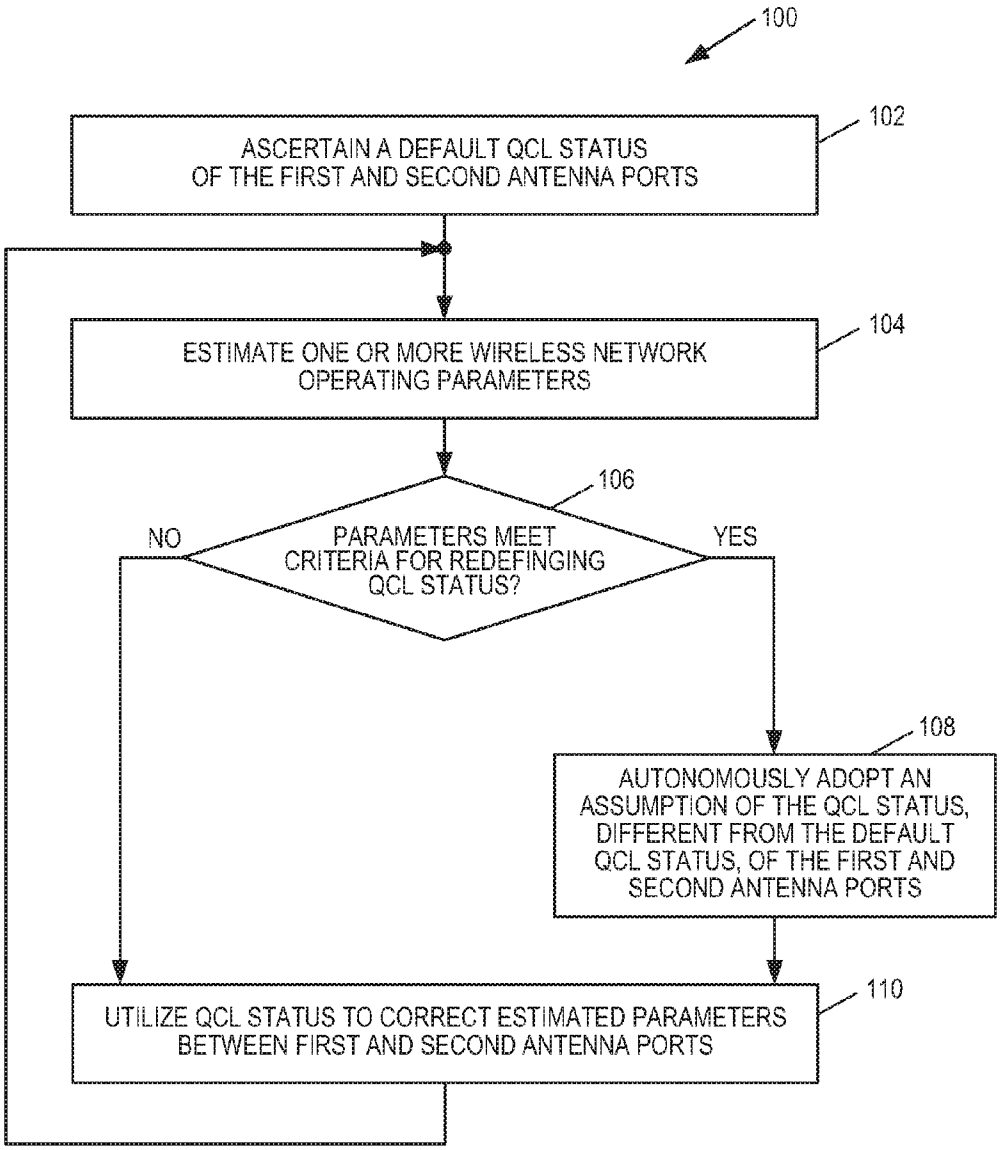

FIG. 5

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