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(54) Title: REFERENCE SIGNAL DESIGN FOR LTE ADVANCED

(57) Abstract: Systems and methodologies are described that facilitate creating antenna ports to correspond to two or more groups of user equipment (UEs). The subject innovation can organize two or more groups of user equipment and signal to each of the two or more groups a respective antenna port. The subject innovation can further communicate mapping information, a reference signal, or delay related to a linear combination in order to identify antenna ports. Based on such communicated information, the reference signal can be decoded in order to identify each antenna port.

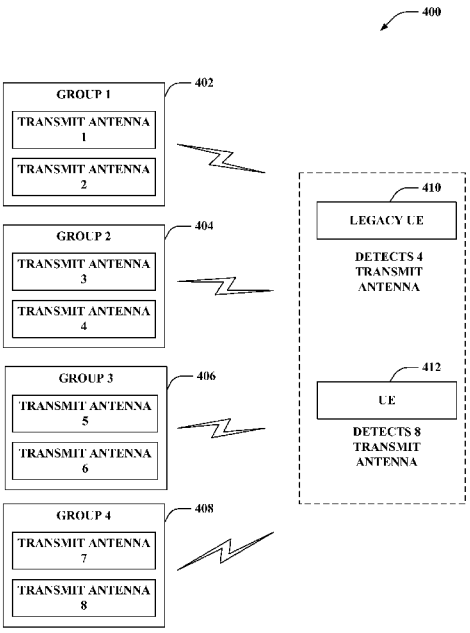


FIG. 4

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