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(54) **METHODS AND APPARATUS FOR COMMON CHANNEL CANCELLATION IN WIRELESS COMMUNICATIONS**

(57) A mobile station that is configured to perform common channel cancellation may include a parameter estimation unit that is configured to estimate parameters for generating a common channel error. The mobile station may also include a common channel generation unit

that is configured to generate the common channel error based on the parameters. The mobile station may also include an adder that is configured to subtract the common channel error from received data samples.

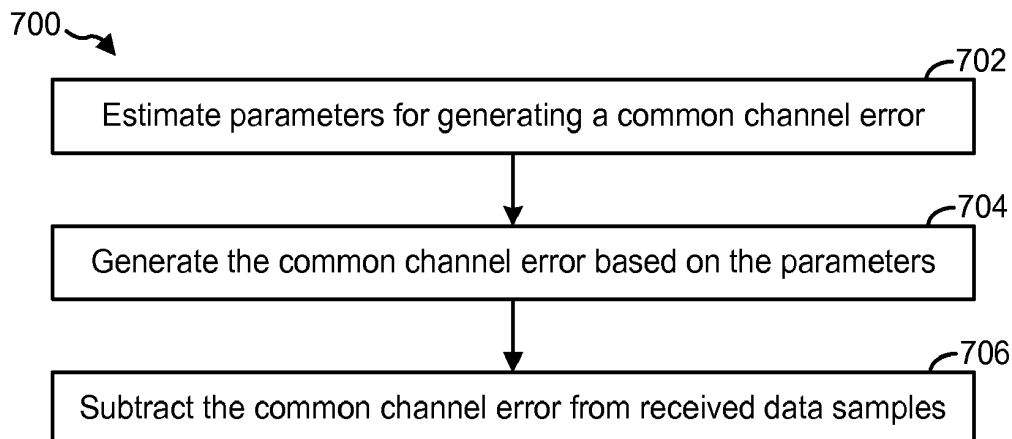


FIG. 7

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