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- (54) **Title:** INDIRECT PATH FAILURE PROCEDURE DUE TO LTM OF THE RELAY UE IN MULTI-PATH

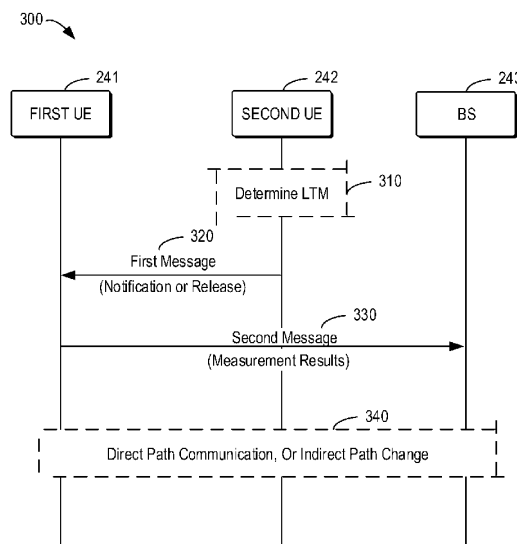


FIG. 3

(57) **Abstract:** Example embodiments of the present disclosure relate to a first UE, a second UE, methods, apparatuses, and computer readable medium for indirect path failure procedure due to Uu link problem of a relay UE, e.g. LTM of a relay UE, in multi-path scenario. In this solution, in response to a first message (a notification or release message) received from a second UE (relay UE), the first UE (the remote UE) may transmit a second message to the BS via the direct path, and the second message may include measurement results. As such, the BS may be aware of the indirect path failure information and may further perform further operations by using the measurement results. Therefore, a communication for the remote UE can be guaranteed and the communication efficiency can be improved.

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