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(54) Title: COMMUNICATION APPARATUS AND COMMUNICATION METHOD FOR WIRELESS LOCAL AREA NETWORK SENSING

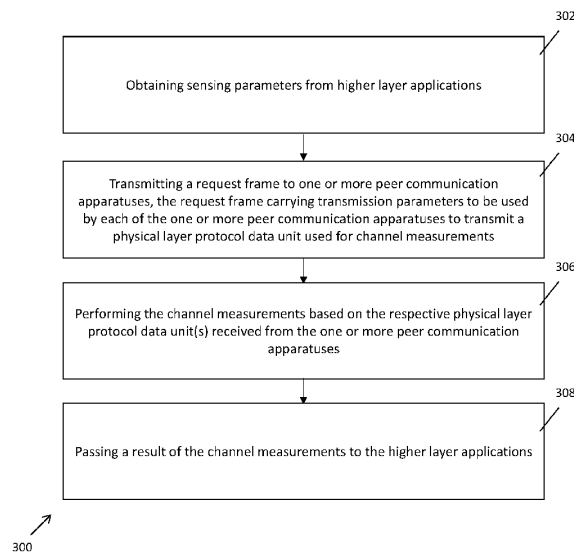


Fig. 3

(57) Abstract: The present disclosure provides a communication apparatus and method for wireless local area network sensing. The communication apparatus comprises: a transmitter, which, in operation, transmits a request frame to one or more peer communication apparatuses, the request frame carrying transmission parameters to be used by the each of one or more peer communication apparatuses to transmit a physical layer protocol data unit (PPDU) used for channel measurements; a sensing module configured to perform the channel measurements based on the respective PPDU(s) received from the one or more peer communication apparatuses; and an interface configured to obtain sensing parameters from higher layer applications and pass a result of the channel measurements to the higher layer applications.

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