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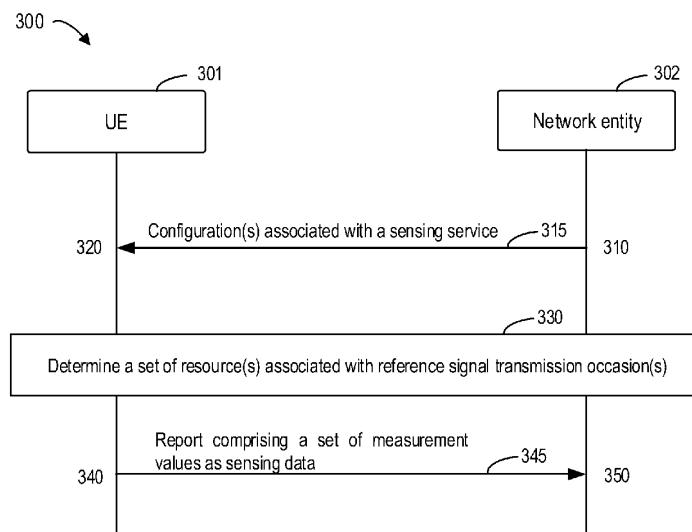


FIG. 3

(57) Abstract: Various aspects of the present disclosure relate to a UE, a processor for wireless communication, a network entity, and methods for beam management for sensing services. The UE receives configuration(s) associated with a sensing service, wherein the configuration(s) comprises a sensing occasion including reference signal transmission occasion(s), and wherein the reference signal transmission occasion(s) is associated with a corresponding beam pair comprising a transmission beam and a reception beam. The UE determines a set of resources associated with the reference signal transmission occasion. The UE transmits a report comprising measurement values as sensing data associated with measurements on the set of resources associated with the reference signal transmission occasion(s). In this way, a beam management framework is proposed to enhance air interface to support sensing.

[Continued on next page]

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