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- (54) **Title:** VARIABLE PAYLOAD SIZE FOR TWO-STEP RANDOM ACCESS

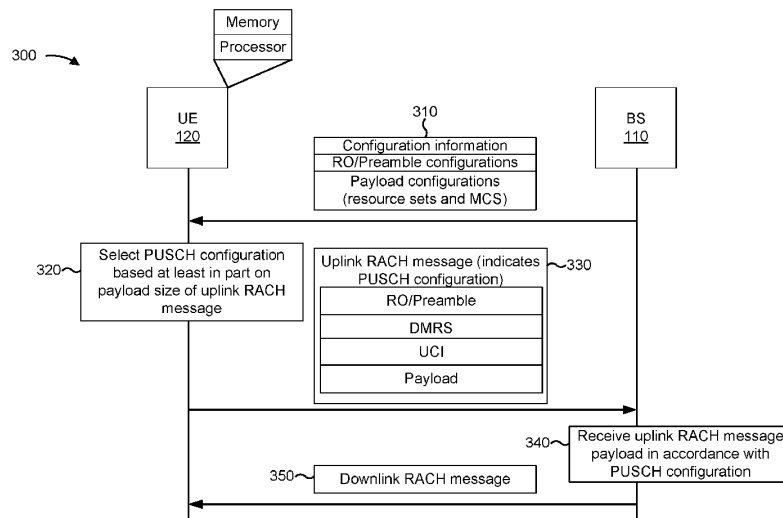


FIG. 3

(57) **Abstract:** Various aspects of the present disclosure generally relate to wireless communication. In some aspects, a user equipment (UE) may receive configuration information for a two-step random access channel (RACH) procedure, wherein the configuration information identifies a plurality of physical uplink shared channel (PUSCH) configurations for a PUSCH of the two-step RACH procedure; and transmit the PUSCH in accordance with a PUSCH configuration, of the plurality of PUSCH configurations, wherein the PUSCH configuration is selected based at least in part on a size of a payload of the PUSCH, and wherein a preamble of the PUSCH is used to indicate the selected PUSCH configuration. Numerous other aspects are provided.

[Continued on next page]

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