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### (54) ENHANCED NON-CODEBOOK-BASED UPLINK TRANSMISSIONS IN WIRELESS **CELLULAR NETWORK**

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#### (57)ABSTRACT

Systems, apparatuses, methods, and computer-readable media are provided to transmit multiple channel state information (CSI)-reference signal (RS) resources in different slots for non-Codebook based physical uplink shared channel (PUSCH) transmission in multi-transmission-reception point (TRP) operation. Other embodiments may be described and claimed.

