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(54) **CHANNEL STATE INFORMATION REPORTING FOR MULTIPLE POWER OFFSETS**

(71) Applicant: **Samsung Electronics Co., Ltd.**, Gyeonggi-do (KR)

(72) Inventors: **Liang HU**, San Diego, CA (US); **Philippe Jean Marc Michel SARTORI**, Naperville, IL (US)

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(57) **ABSTRACT**

A system and a method are provided for enhanced channel state information (CSI) reporting. A user equipment (UE) generates CSI based on each of a plurality of power offsets. The UE transmits the CSI measurements in a CSI report to a base station (gNB). The UE receives, from the gNB, an indication of a channel state corresponding to a power offset of the plurality of offsets. Based on the indication of the channel state, the UE uses one or more particular resources to receive a physical downlink shared channel (PDSCH).