

(54) **DEFAULT DOWNLINK SIGNALING IN CONTROL CHANNEL REPETITION**

(71) Applicant: **Ofinno, LLC**, Reston, VA (US)

(72) Inventors: **Ali Cagatay Cirik**, Chantilly, VA (US);
Esmael Hejazi Dinan, McLean, VA (US); **Yunjung Yi**, Vienna, VA (US);
Hua Zhou, Vienna, VA (US);
Jonghyun Park, Syosset, NY (US)

(73) Assignee: **Ofinno, LLC**, Reston, VA (US)

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(57) **ABSTRACT**

A base station transmits one or more configuration parameters indicating a single frequency network (SFN) scheme. The base station transmits, via control resource sets (coresets) configured for physical downlink control channel (PDCCH) repetition, repetitions of downlink control information (DCI) scheduling a physical downlink shared channel (PDSCH). The base station transmits the PDSCH based on transmission configuration indicator (TCI) states of the coresets. The PDSCH transmission is in response to: the one or more configuration parameters indicating the SFN scheme; the DCI not comprising a TCI field; and a time offset between the DCI and the PDSCH being equal to or greater than a threshold.

