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(54) Title of the Invention: **Methods, systems, and computer readable media for reducing the impact of false downlink control information (DCI) detection in long term evolution (LTE)**
Abstract Title: **Methods, systems, and computer readable media for reducing the impact of false downlink control information (DCI) detection in long term evolution (LTE)**

(57) Methods, systems, and computer readable media for reducing the impact of false downlink control information (DCI) detection in long term evolution (LTE) physical downlink control channel (PDCCH) data are disclosed. According to one method, an LTE multi-UE simulator receives PDCCH data from an evolved node B (eNode B). The LTE multi-UE simulator applies blind DCI decoding to decode at least one DCI value from channel control elements that carry the PDCCH data. The LTE multi-UE simulator applies at least one false DCI detection countermeasure to identify as true or false DCIs from the DCIs detected using the blind decoding.

