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(54) Title: METHODS AND APPARATUSES FOR A-IOT DEVICE ID REPORTING

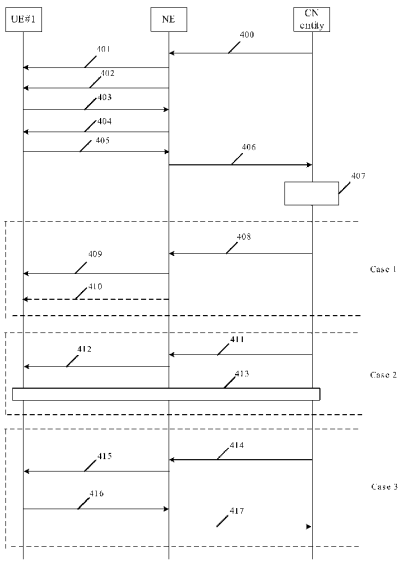


Figure 4

(57) Abstract: Various aspects of the present disclosure relate to methods and apparatuses for ambient internet of things (A-IOT) device identifier (ID) reporting. According to an embodiment of the present disclosure, a network equipment (NE) can include: at least one memory; and at least one processor coupled with the at least one memory and configured to cause the NE to: transmit, to a core network (CN) entity, an A-IOT device identifier (ID) for verification, wherein the A-IOT device ID is received from of a UE during a random access procedure associated with an A-IOT device inventory for the UE;and receive, from the CN entity, a first indication indicating that the A-IOT device ID is valid, or indicating whether there is at least one subsequent command message for the UE following the A-IOT device inventory, or indicating that the A-IOT device ID is invalid.

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