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

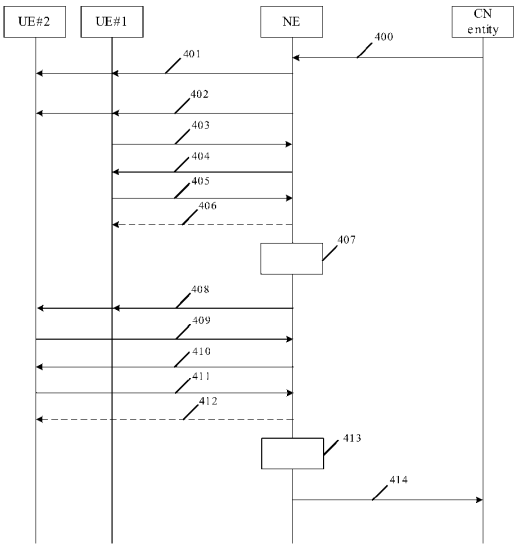


Figure 4

(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: receive, from a core network (CN) entity, information associated with A-IOT device ID reporting for an inventory task; and transmit at least one A-IOT device ID to the CN entity based on the information associated with A-IOT device ID reporting.

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