

(12) **United States Patent**
Wu

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(54) **METHOD FOR REPORTING MDT LOG AND MOBILE COMMUNICATION DEVICE UTILIZING THE SAME**

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(51) **Int. Cl.**
H04W 24/00 (2009.01)
H04W 36/00 (2009.01)
H04W 4/00 (2009.01)

(52) **U.S. Cl.**
USPC **455/423**; 455/436; 455/464; 370/331

(58) **Field of Classification Search**
USPC 455/423, 436, 437, 464, 455; 370/331
See application file for complete search history.

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Primary Examiner — Meless N Zewdu

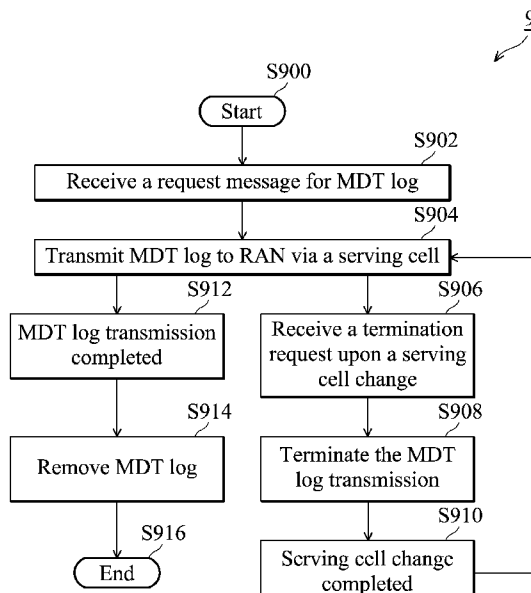
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(57) **ABSTRACT**

Methods and mobile communication devices for reporting an MDT log are provided. The method is used in a mobile communication device in a service network comprising a plurality of cells. The method comprises transmitting, by the mobile communication device, an MDT log to the service network via a serving cell upon receiving a request message for the MDT log; and terminating, by the mobile communication device, the transmission of the MDT log in response to a change of the serving cell from a first cell to a second cell in the service network.

13 Claims, 13 Drawing Sheets



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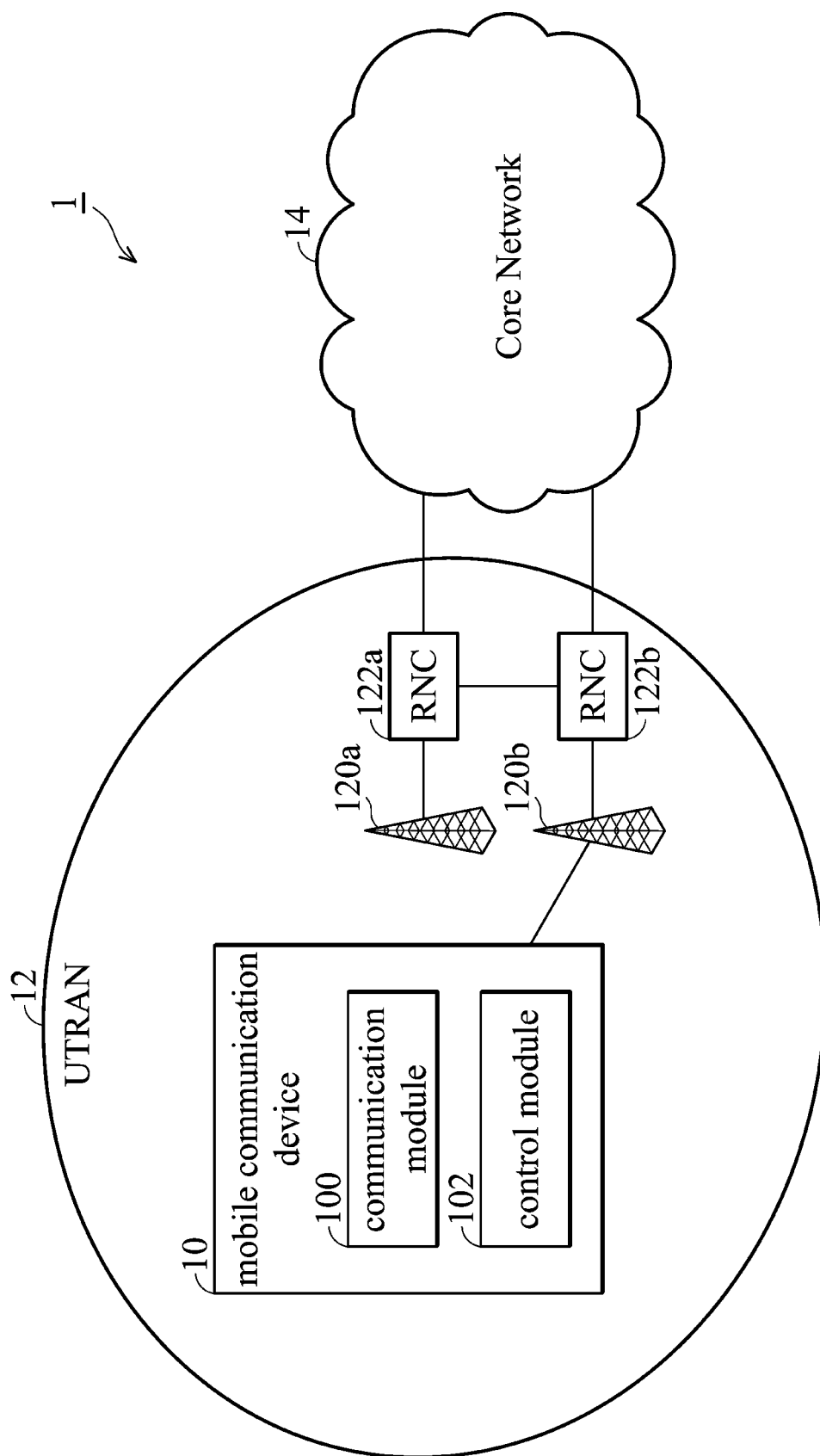


FIG. 1

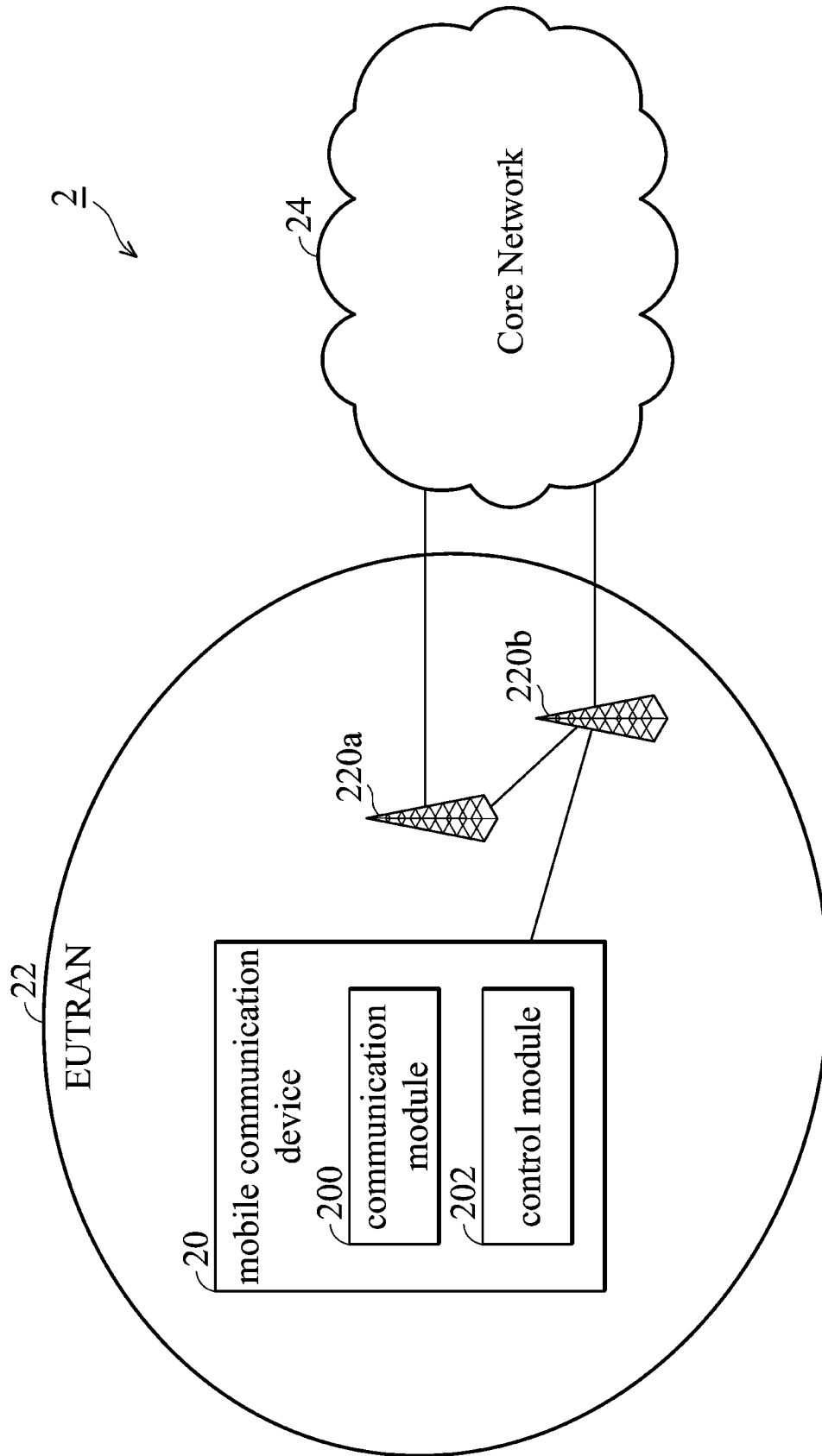


FIG. 2

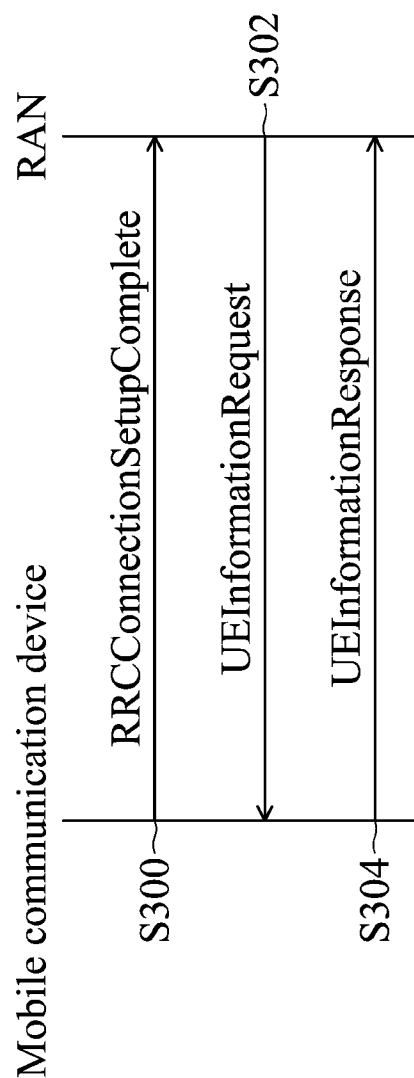


FIG. 3

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