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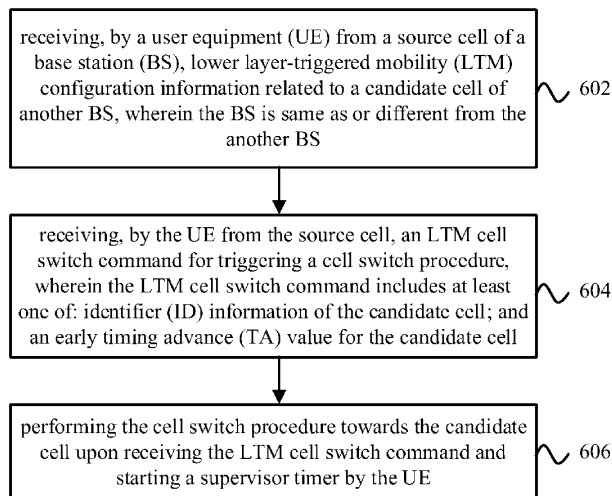


Figure 6

(57) Abstract: Various aspects of the present disclosure relate to methods and apparatuses for a lower layer-Triggered Mobility (LTM) procedure with early timing advance (TA) acquisition. According to an embodiment of the present disclosure, user equipment (UE) includes at least one memory and at least one processor coupled to the at least one memory and configured to cause the UE to: receive, from a source cell of a first base station (BS), lower layer-triggered mobility (LTM) configuration information related to a candidate cell of a second BS, wherein the first BS is same as or different from the second BS; receive, from the source cell, an LTM cell switch command for triggering a cell switch procedure, wherein the LTM cell switch command includes at least one of: identifier (ID) information of the candidate cell; or an early timing advance (TA) value for the candidate cell; and perform the cell switch procedure towards the candidate cell upon receiving the LTM cell switch command and start a supervisor timer.

[Continued on next page]

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