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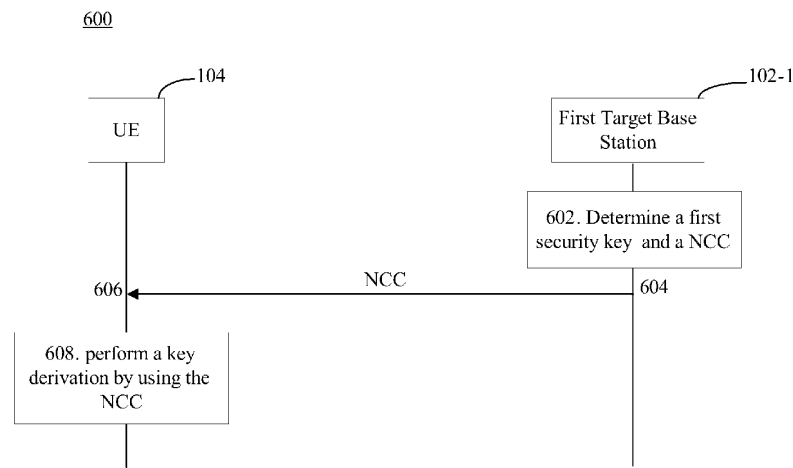


FIG. 6

(57) Abstract: Various aspects of the present disclosure relate to a user equipment, processors, and methods for security update for subsequent inter-central unit (CU) layer 1/layer 2 (L1/L2) -triggered mobility (LTM). In an aspect, a base station which is a first target base station for LTM determines a first security key to be used between a user equipment (UE) and a second target base station for the LTM and a next hop (NH) chaining counter (NCC) to be used for a key derivation for a cell switch by the UE. The base station transmits, via the transceiver and to the UE, the NCC. In this way, the key for a cell switch derived by the UE is synchronized with the first security key.

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