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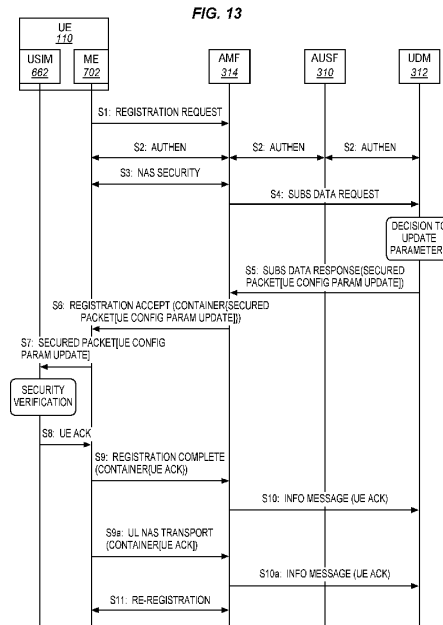
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(54) Title: SYSTEMS AND METHOD FOR SECURE UPDATES OF CONFIGURATION PARAMETERS PROVISIONED IN USER EQUIPMENT



(57) Abstract: Systems and methods that update configuration parameters on a UE using control plane functionalities. In one embodiment, an AMF element of a mobile network receives a control plane message from a UDM element that includes a UE configuration parameter update for the UE. The UE configuration parameter update is security protected via a secured packet, integrity protection, etc. The AMF element is configured to transparently send the UE configuration parameter update to the UE. Thus, AMF element inserts the UE configuration parameter update (that is security protected) in a container of a Non-Access Stratum (NAS) message, and sends the NAS message to the UE. The UE may then update its configuration parameters based on the update when security checks are complete.

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