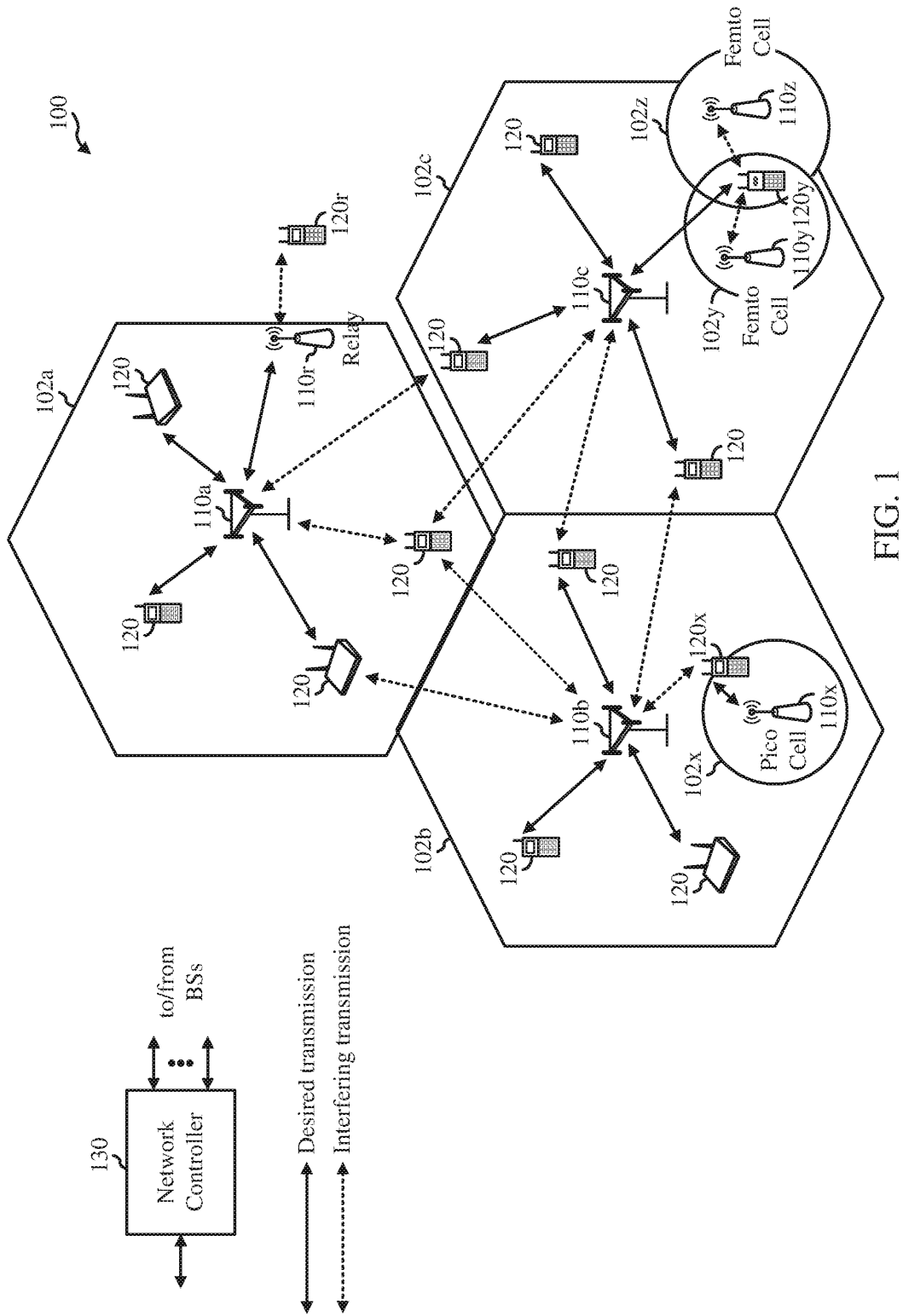




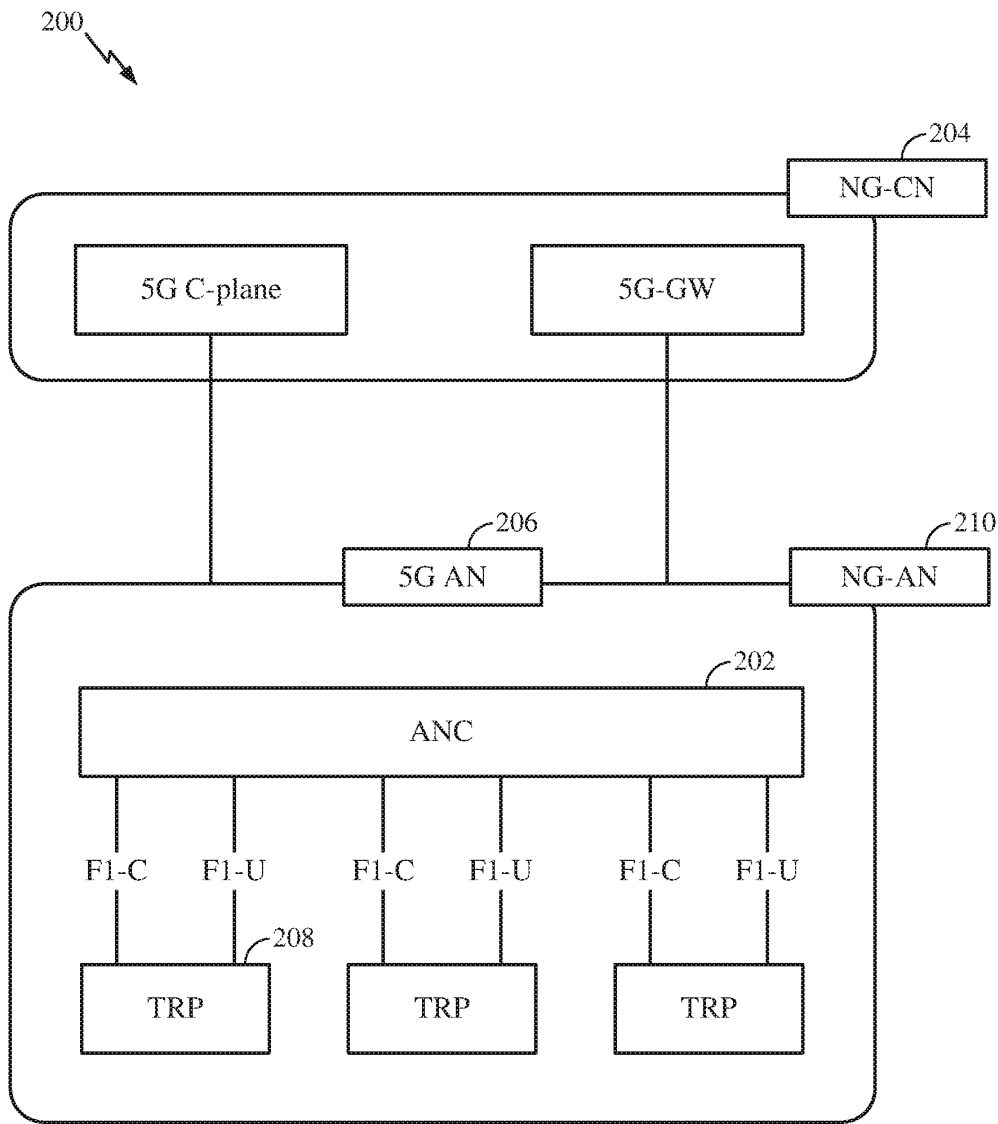


FIG. 2

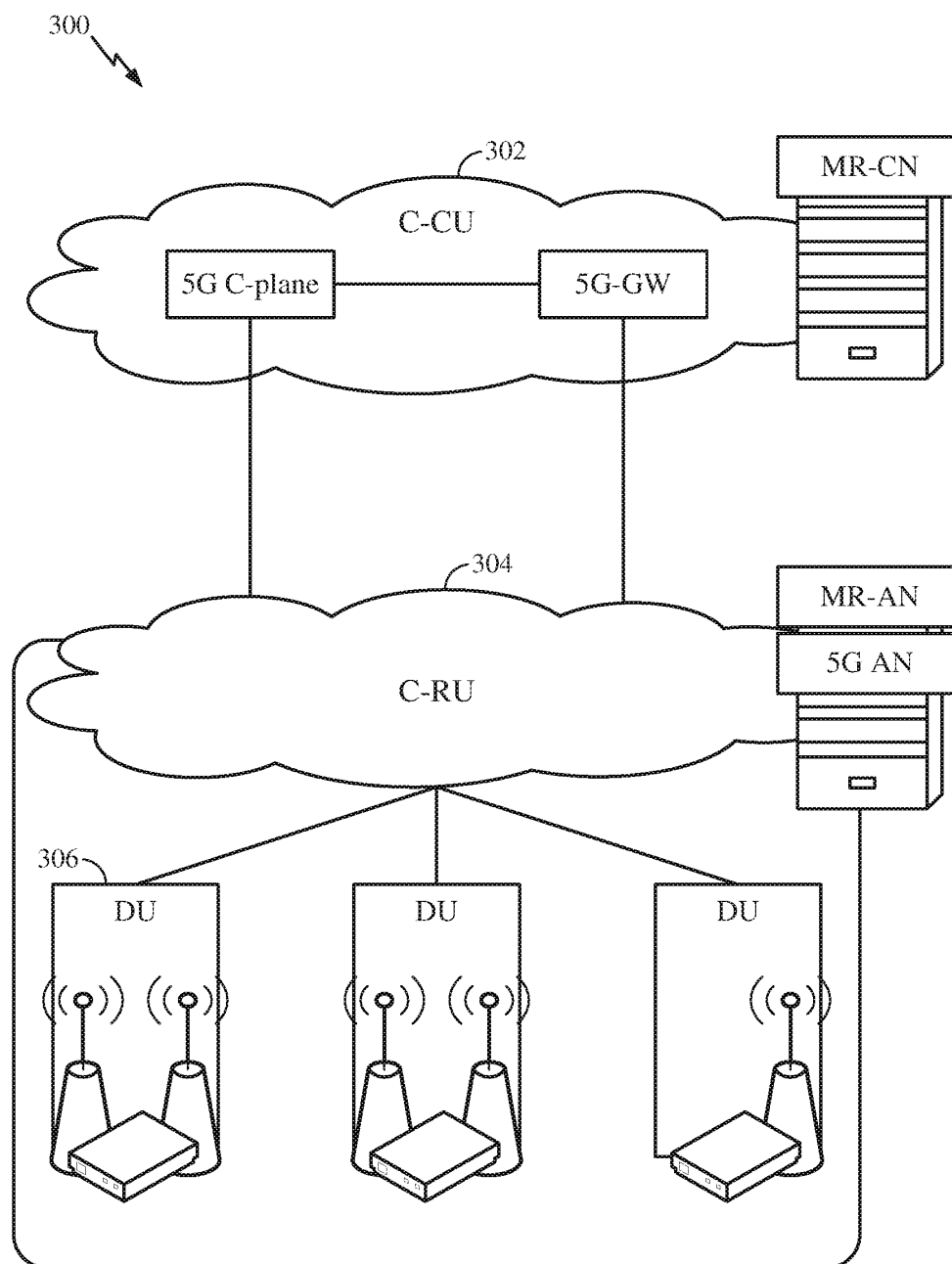
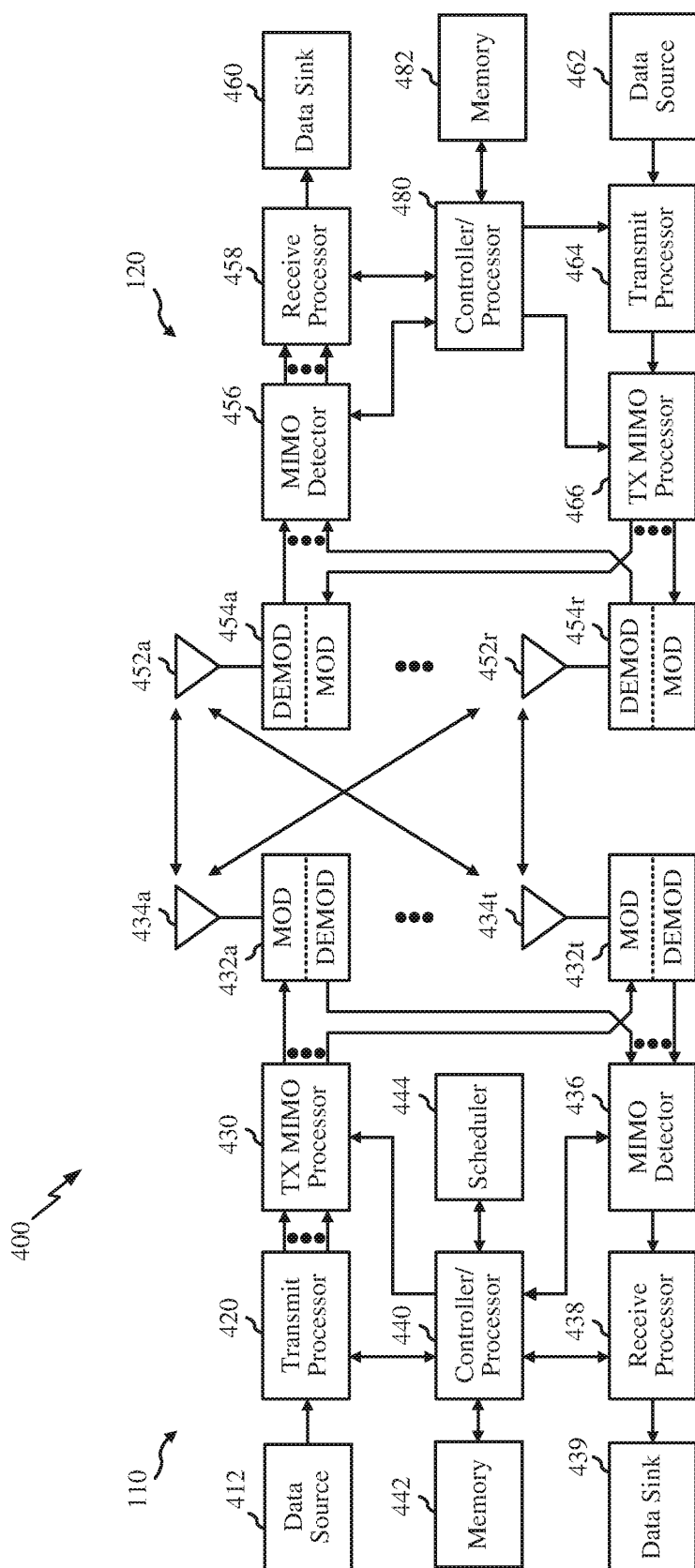


FIG. 3



4
G
H

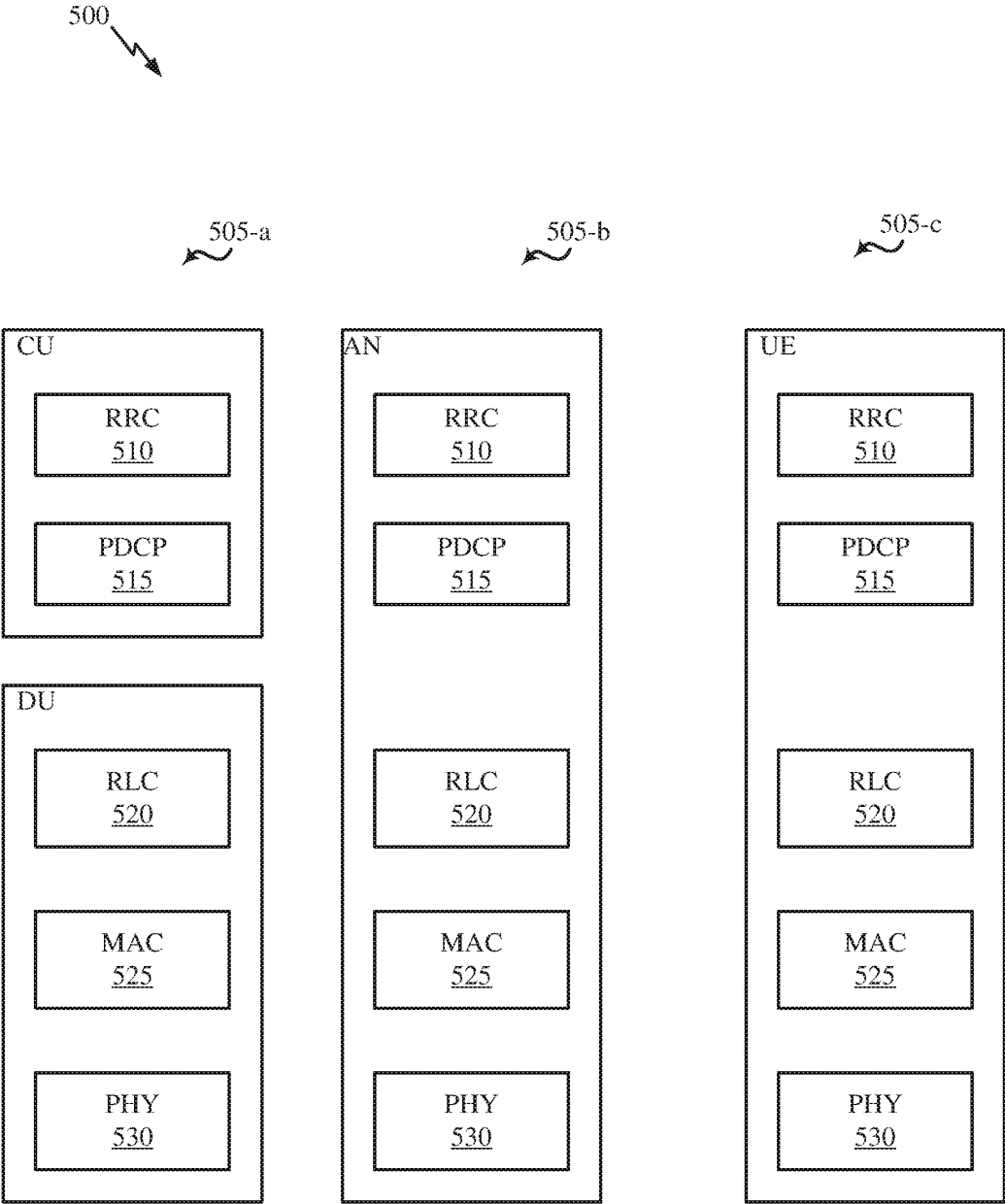


FIG. 5

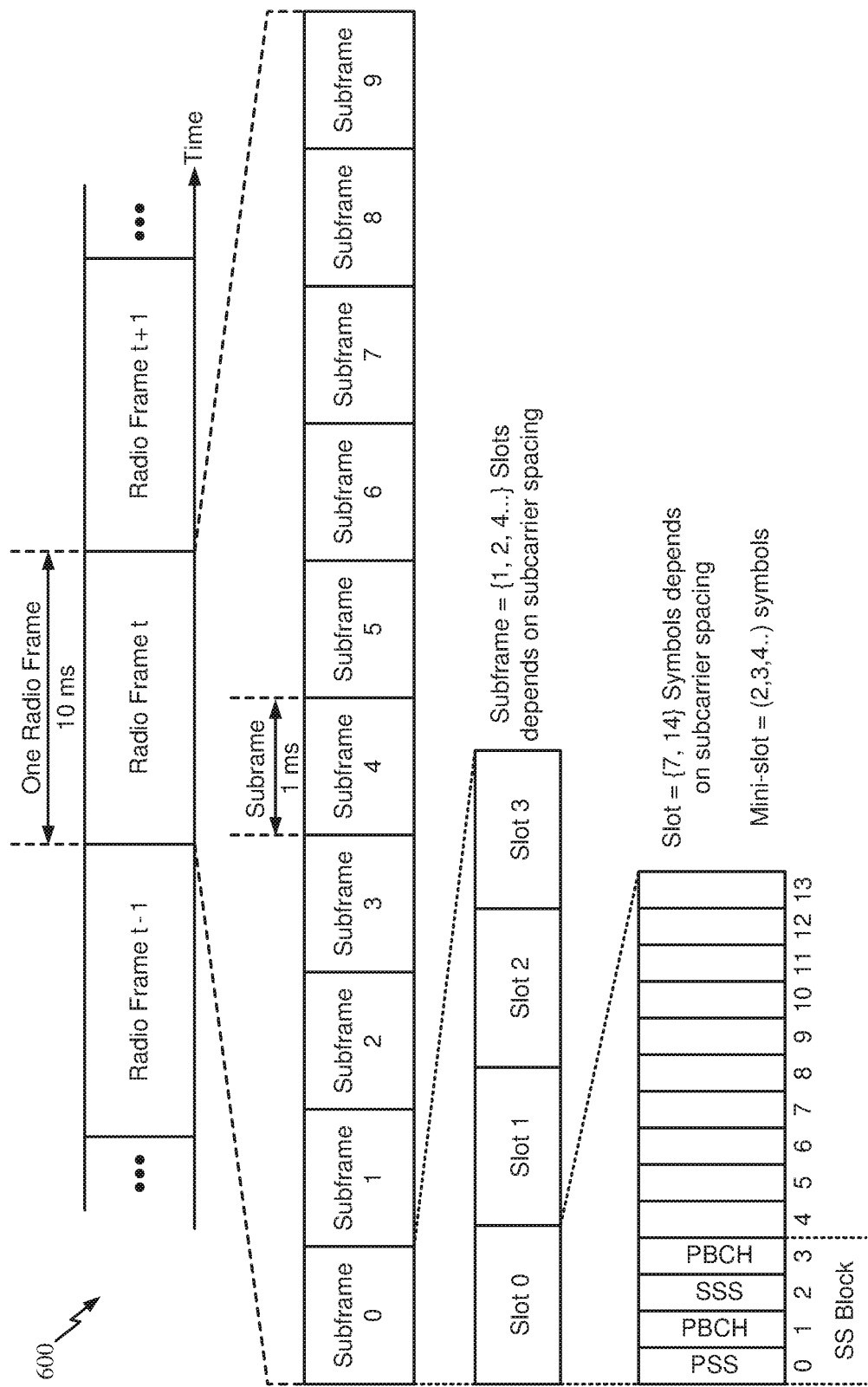


FIG. 6

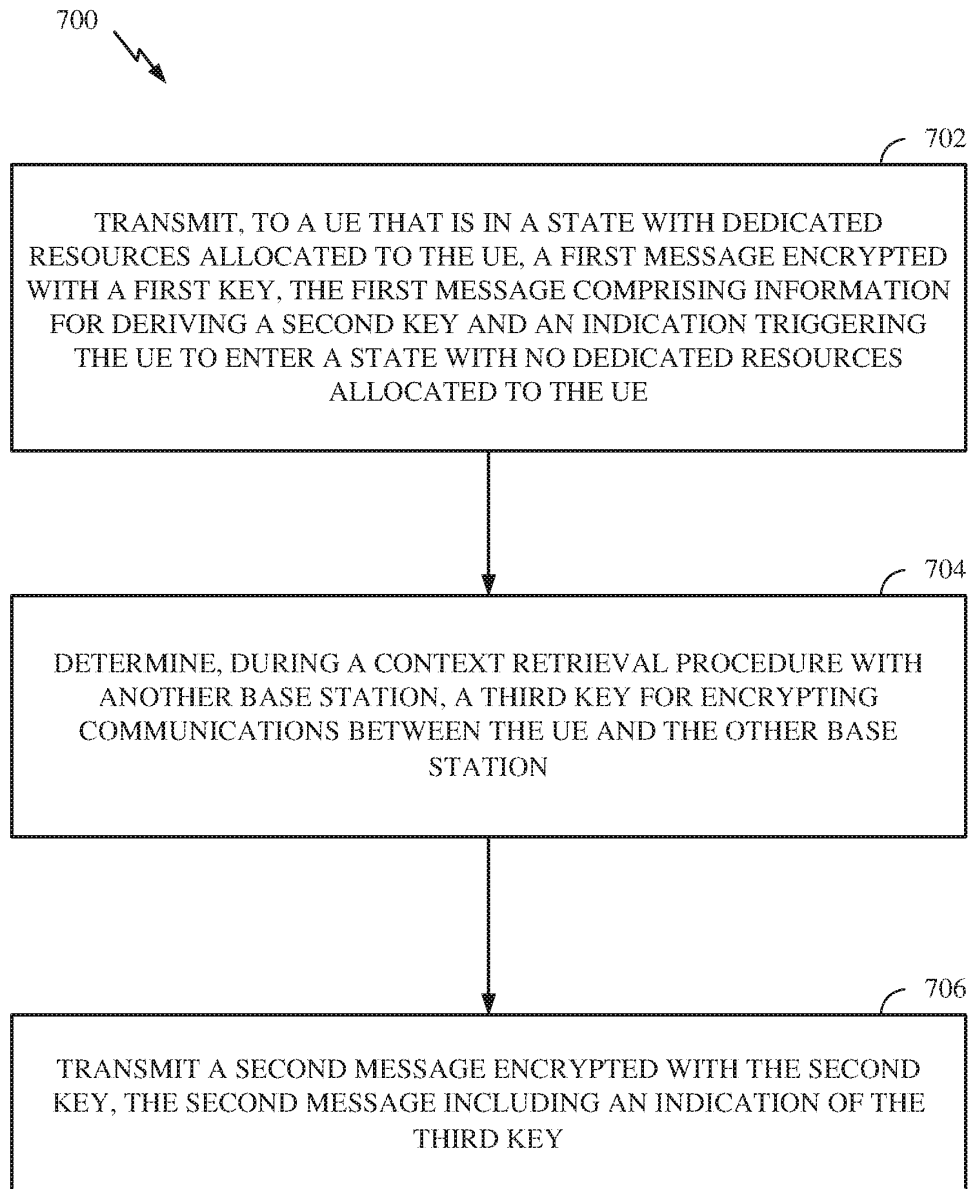


FIG. 7

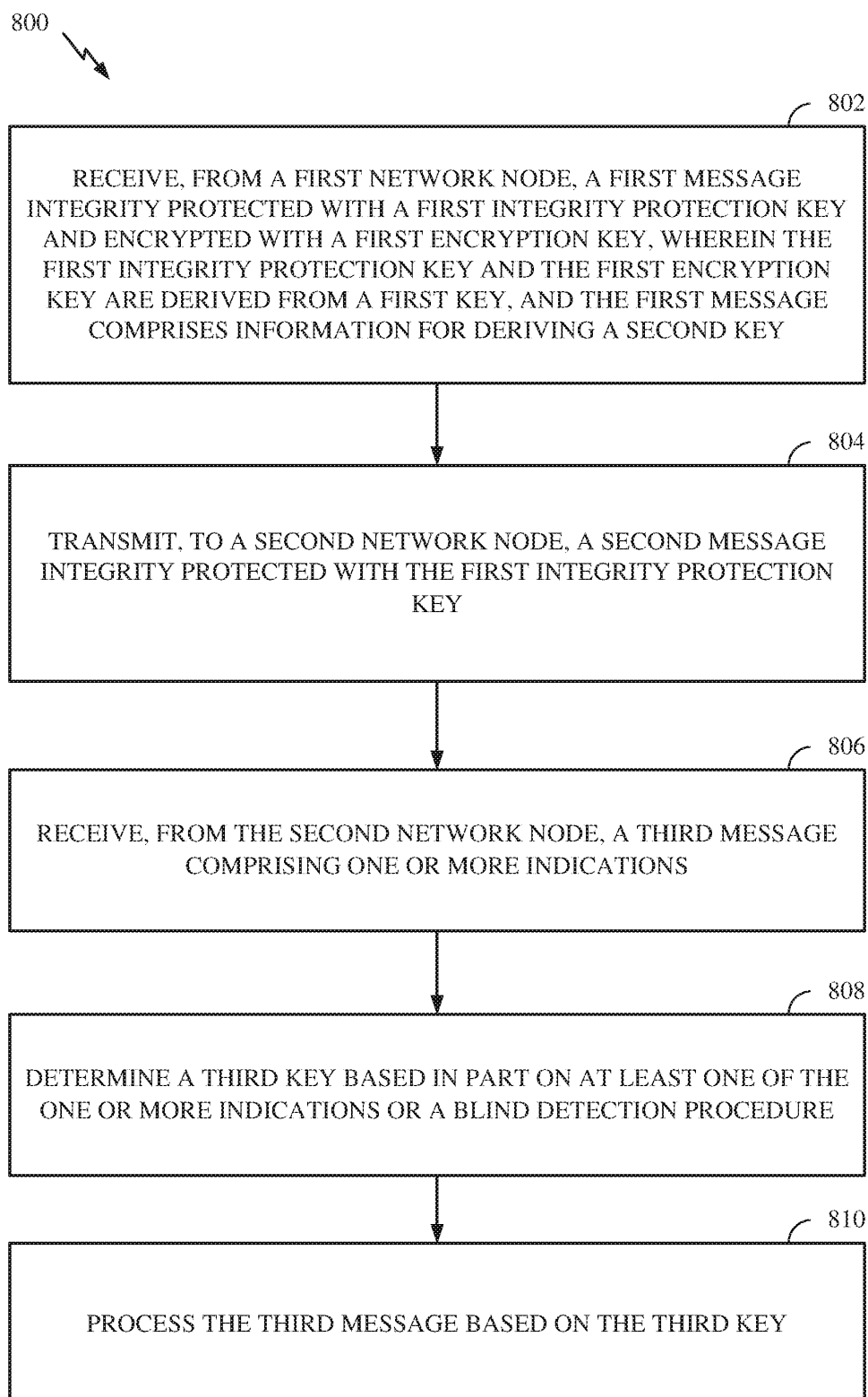


FIG. 8

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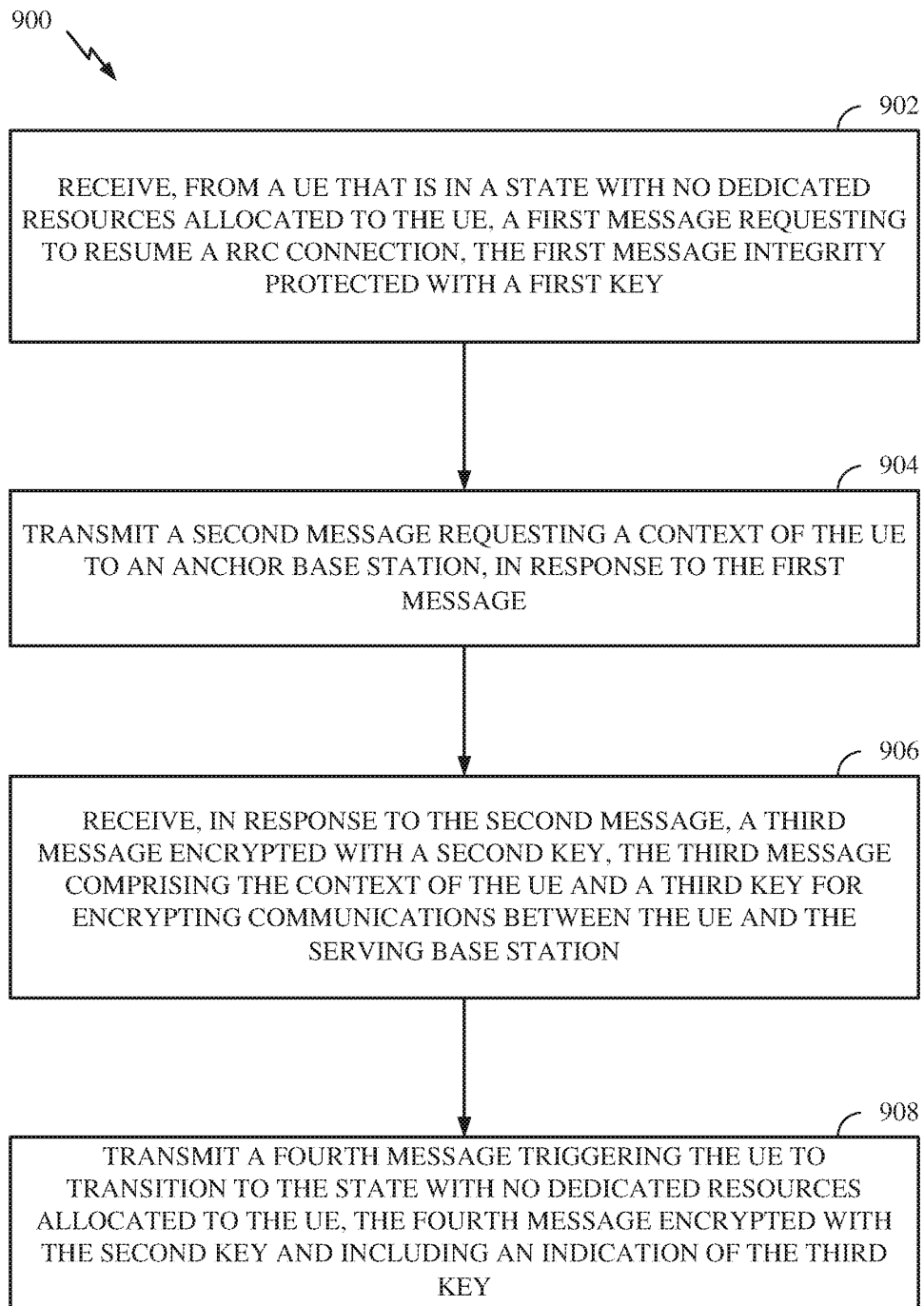


FIG. 9

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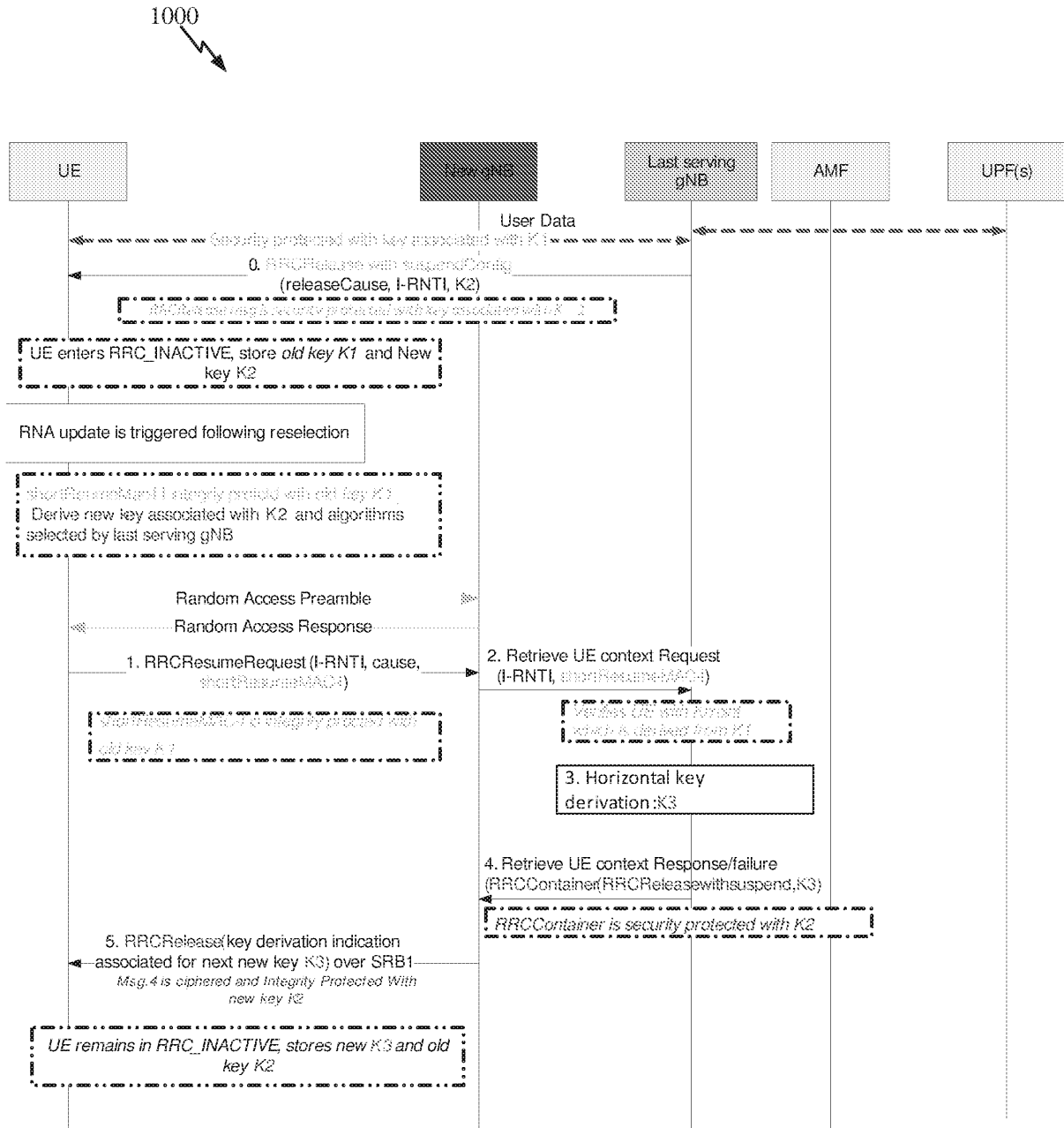


FIG. 10

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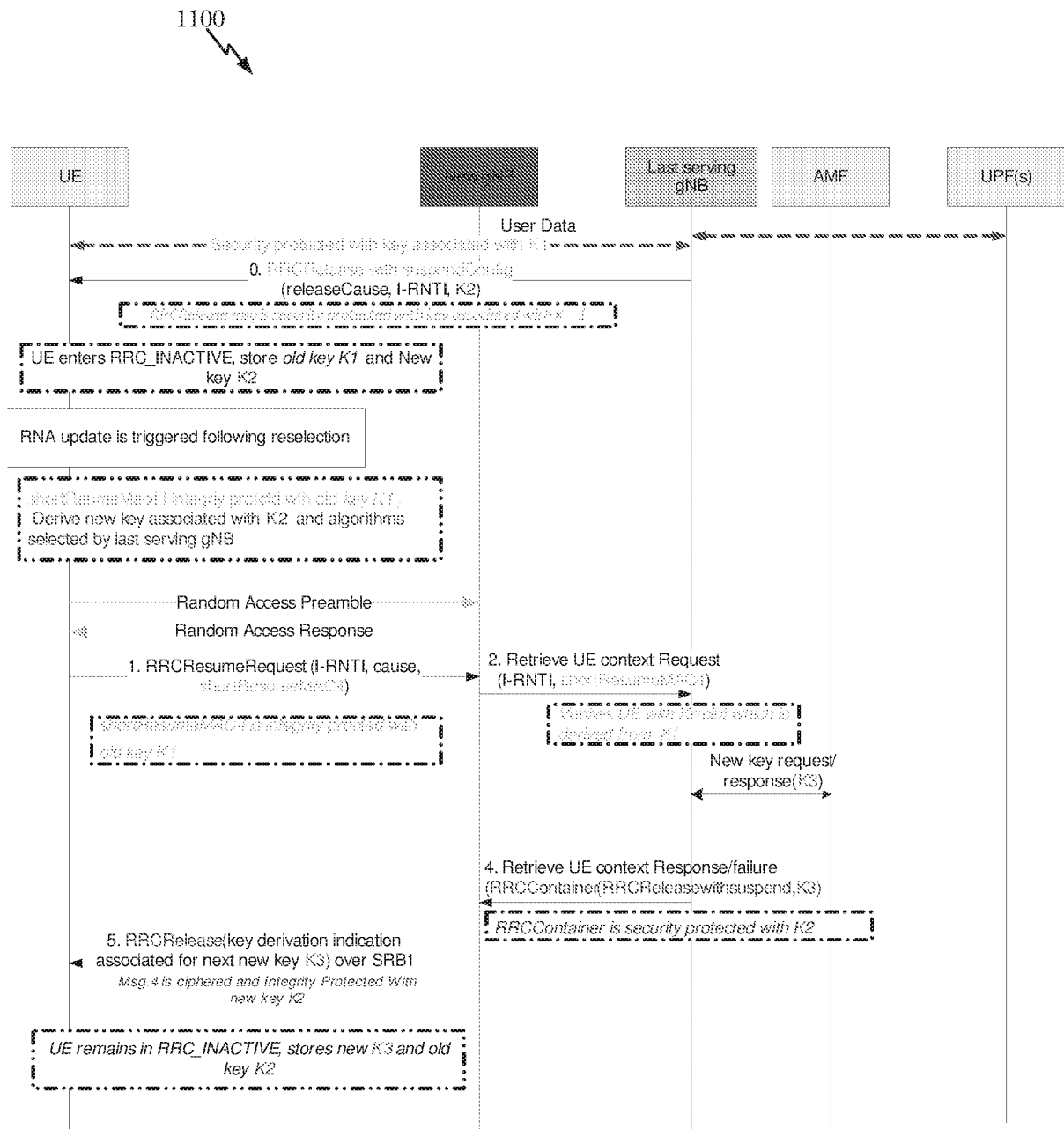


FIG. 11

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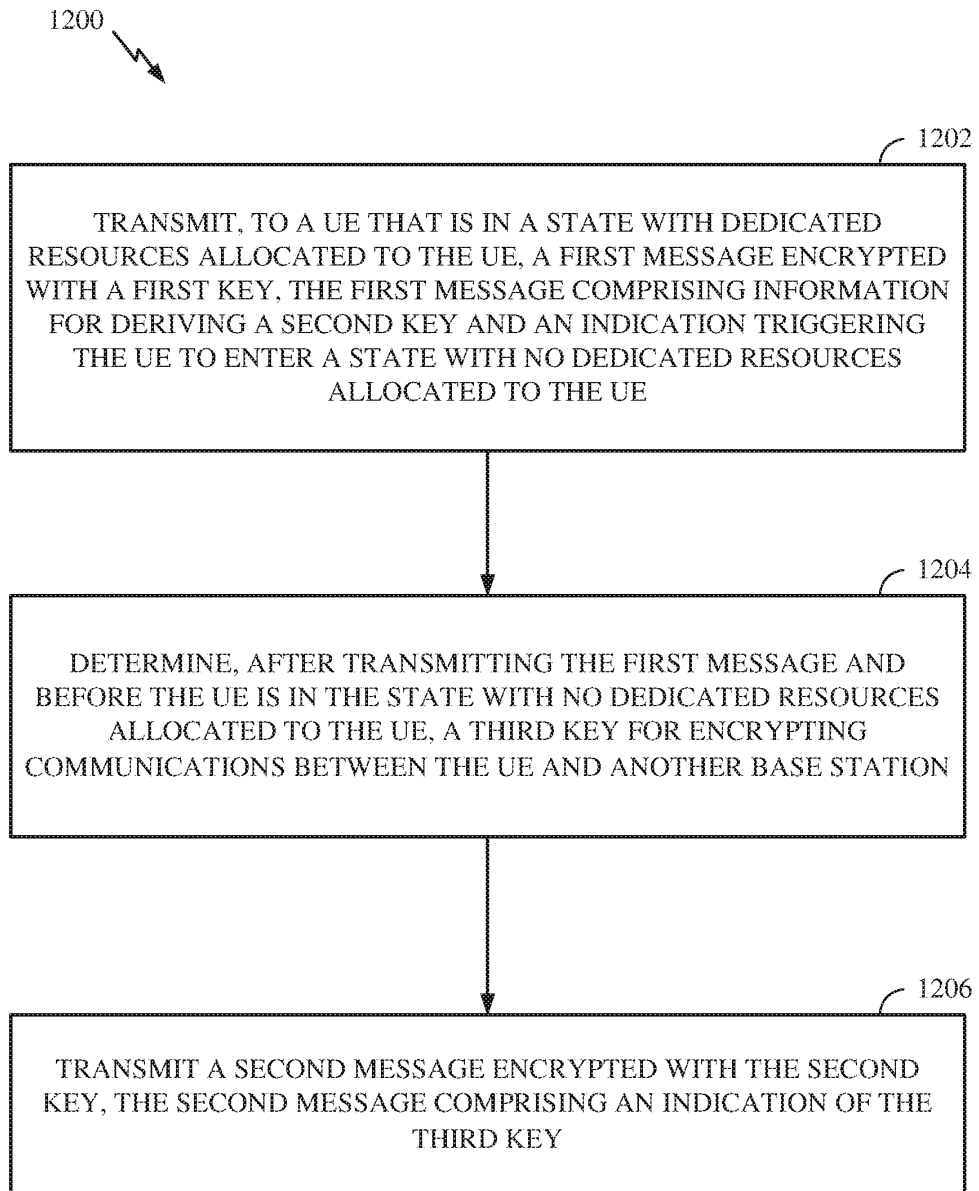


FIG. 12

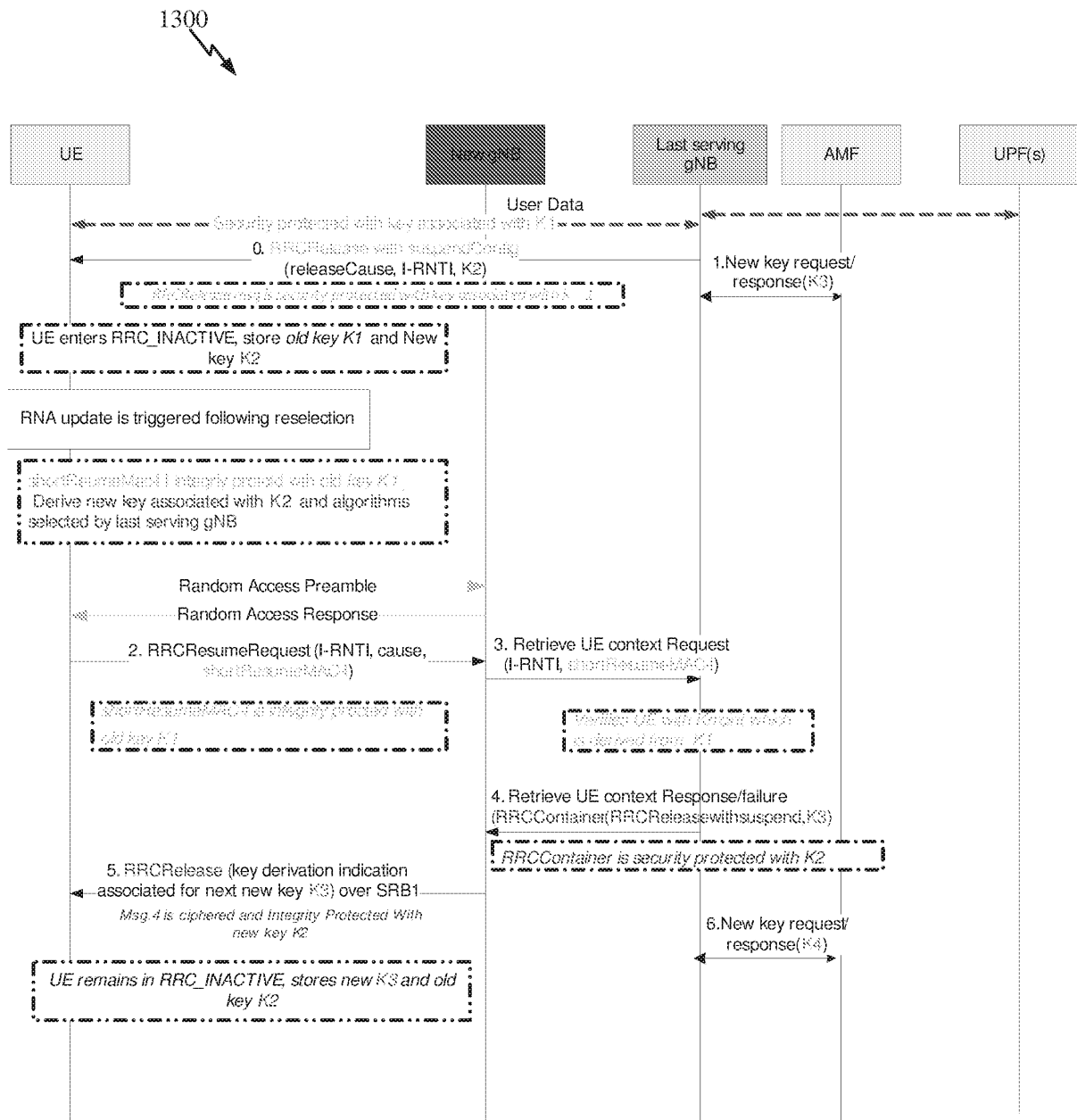


FIG. 13

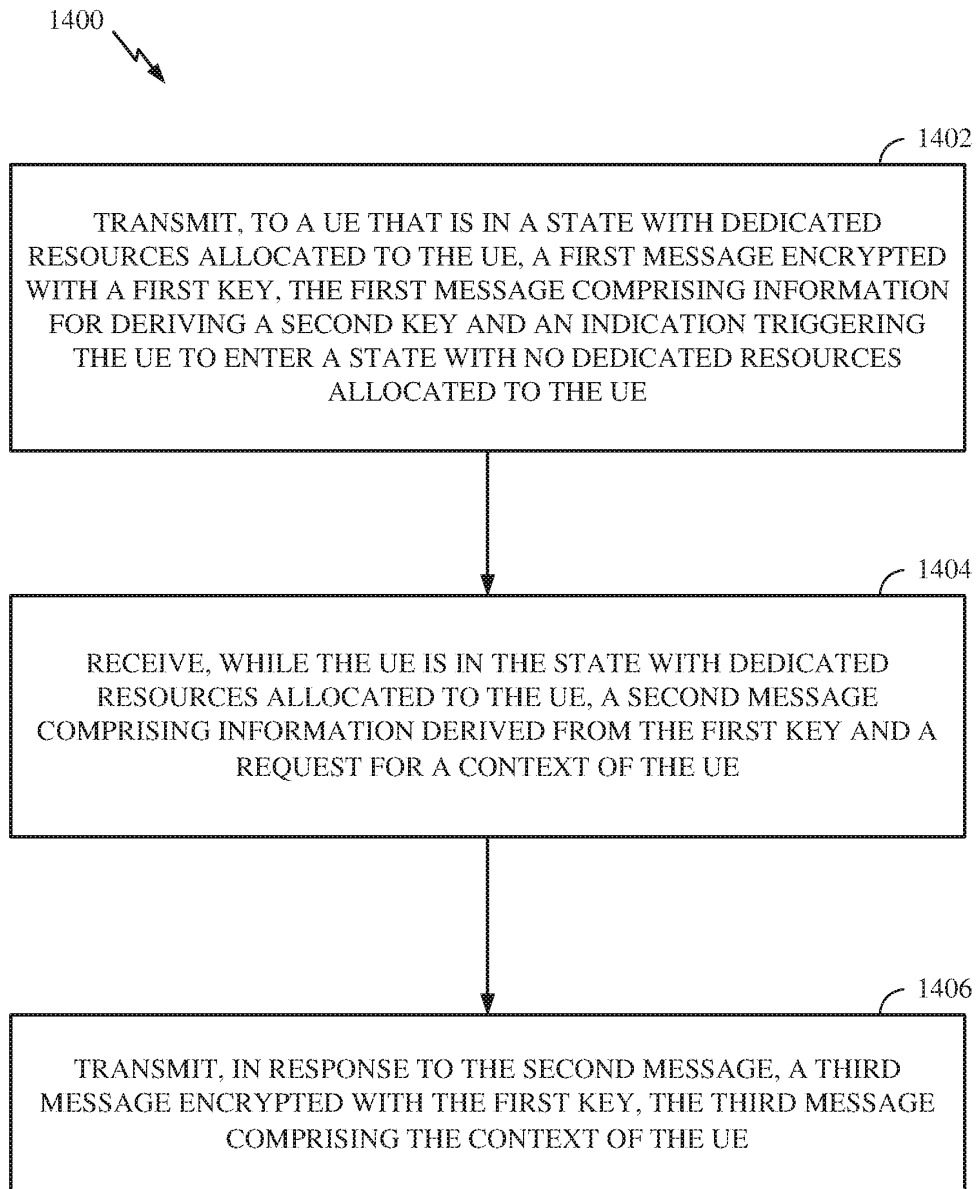


FIG. 14

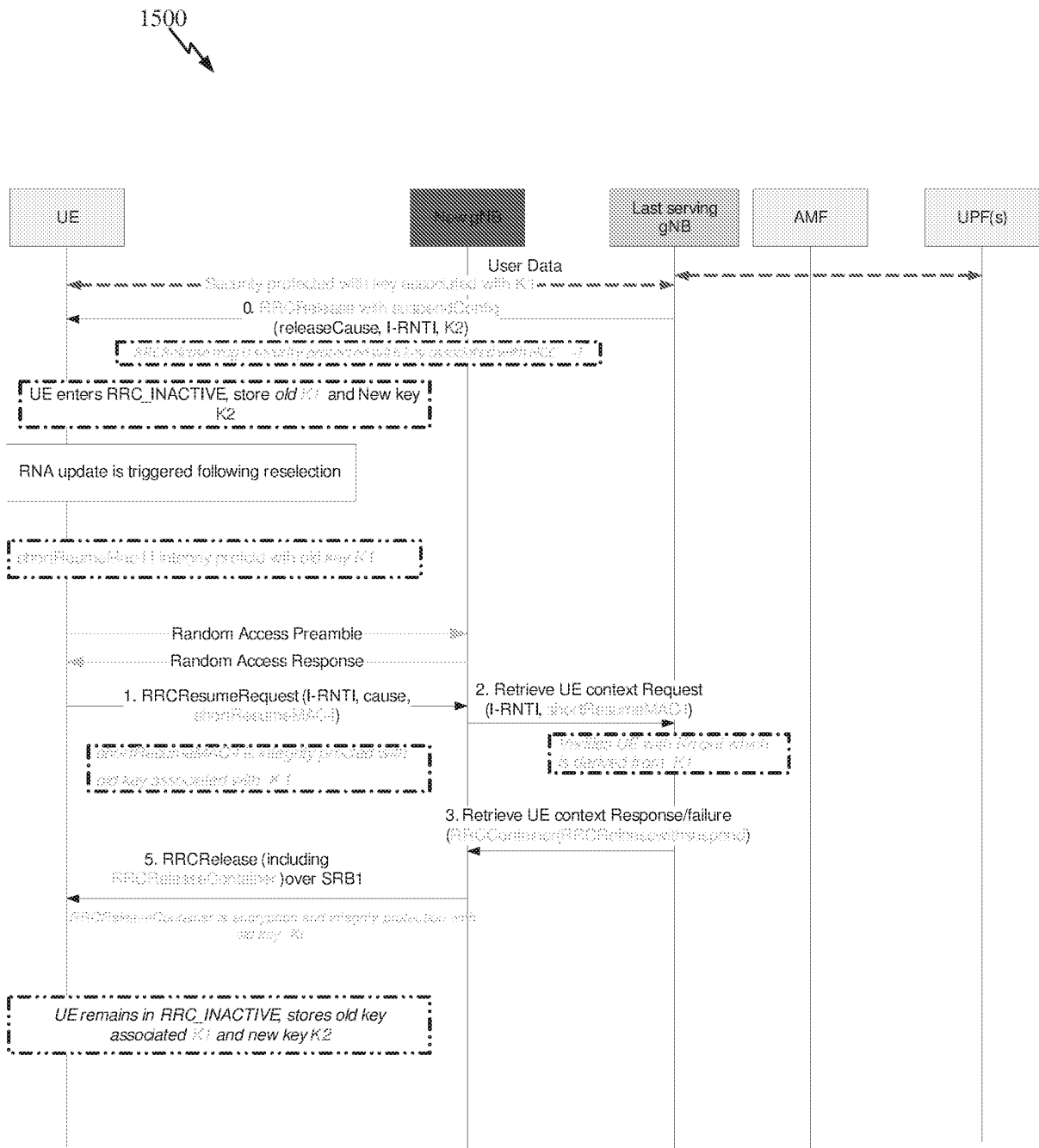


FIG. 15

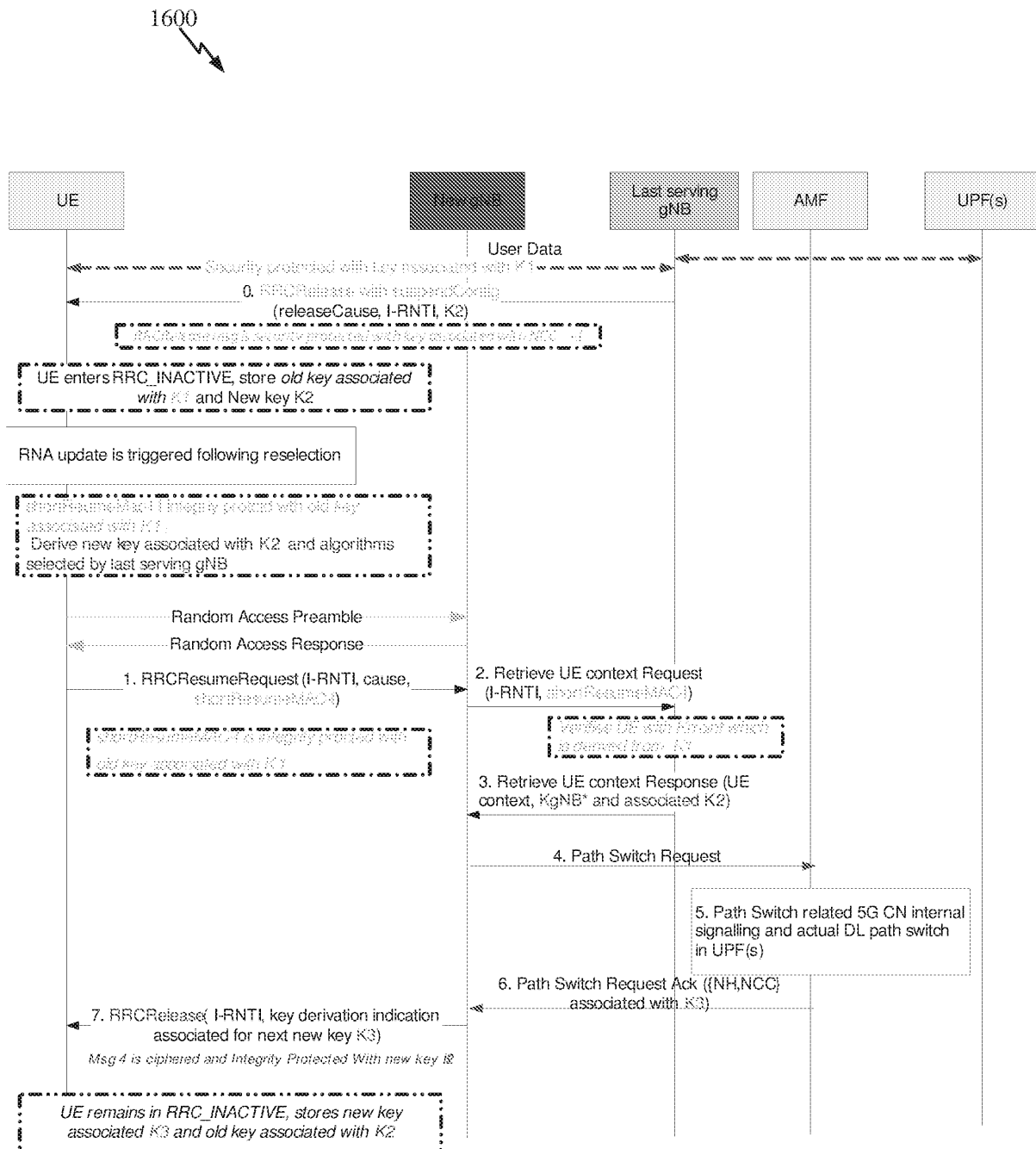


FIG. 16

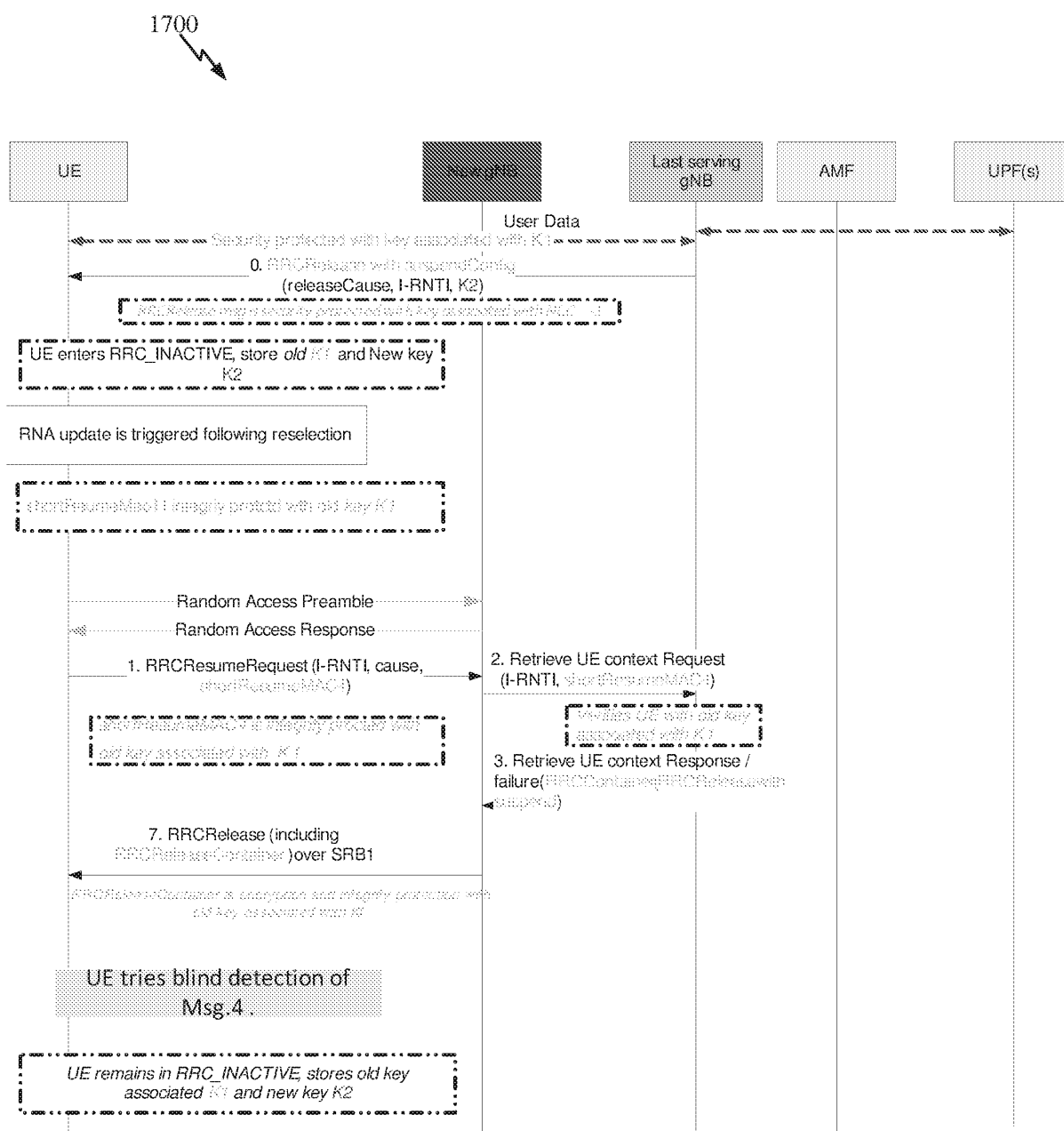


FIG. 17

Table 6.2.1-1 Values of LCID for DL-SCH

Index	LCID values
000000	CCCH
000001–100000	Identity of the logical channel
100001–110111	Reserved
111000	Duplication Activation/Deactivation
111001	SCell Activation/Deactivation (4 octet)
111010	SCell Activation/Deactivation (1 octet)
111011	Long DRX Command
111100	DRX Command
111101	Timing Advance Command
111110	UE Contention Resolution Identity
111111	Padding

+

Index	LCID values
110111	Key change indication

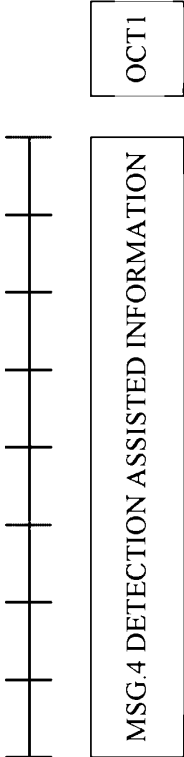


FIG. 18

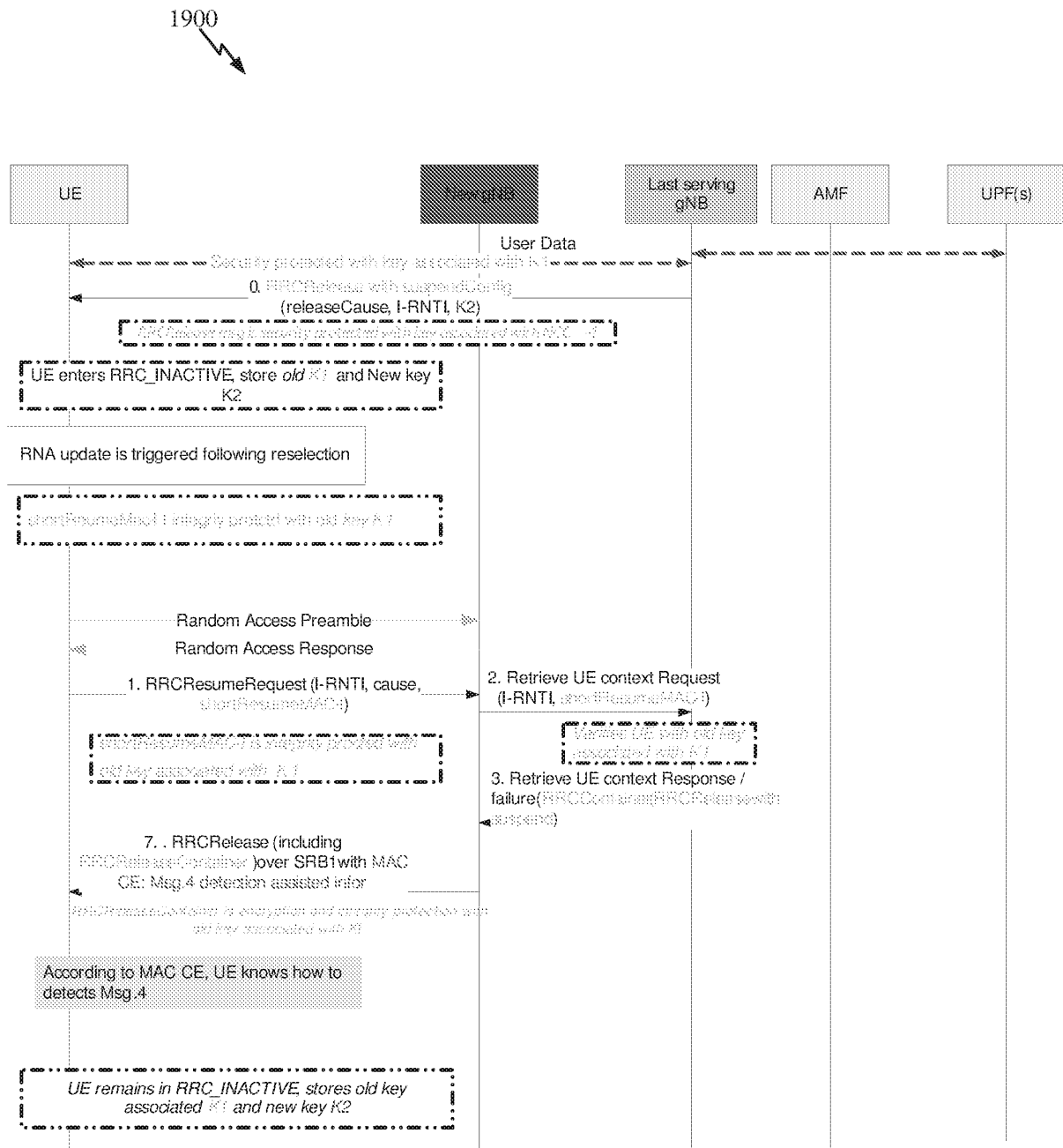
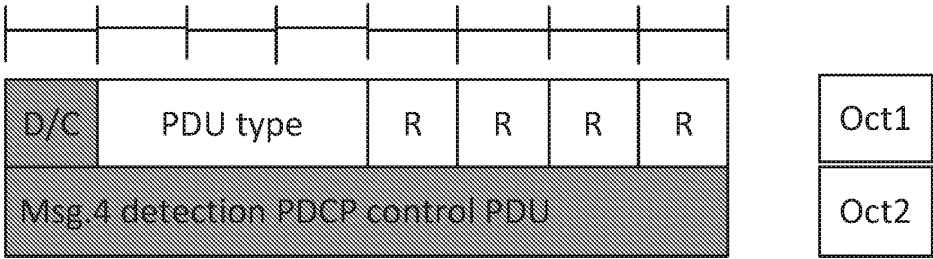


FIG. 19



Control Plane Msg.4 detection PDCP control PDU

FIG. 20

Options	How Anchor node derives new key upon context retrieval (K3)	Msg.4 security protected by old key(K1 or K2)	Msg.4 security key input parameter: ARFCN/PCI are of (anchor node or serving node)	How to signal to UE (blind detection/MAC CE/PDCP Control PDU/PDCP count)
A	Horizontal key derivation	New key(K2)	Anchor node	Blind detection
B	Horizontal key derivation	New key(K2)	Serving node	No need to signal to UE how to detect msg.4.
C	Horizontal key derivation	New key(K2)	Anchor node	MAC CE/PDCP control PDU
D	No key derivation	Old key(K1)	Anchor node	Blind detection; MAC CE/PDCP control PDU

FIG. 21

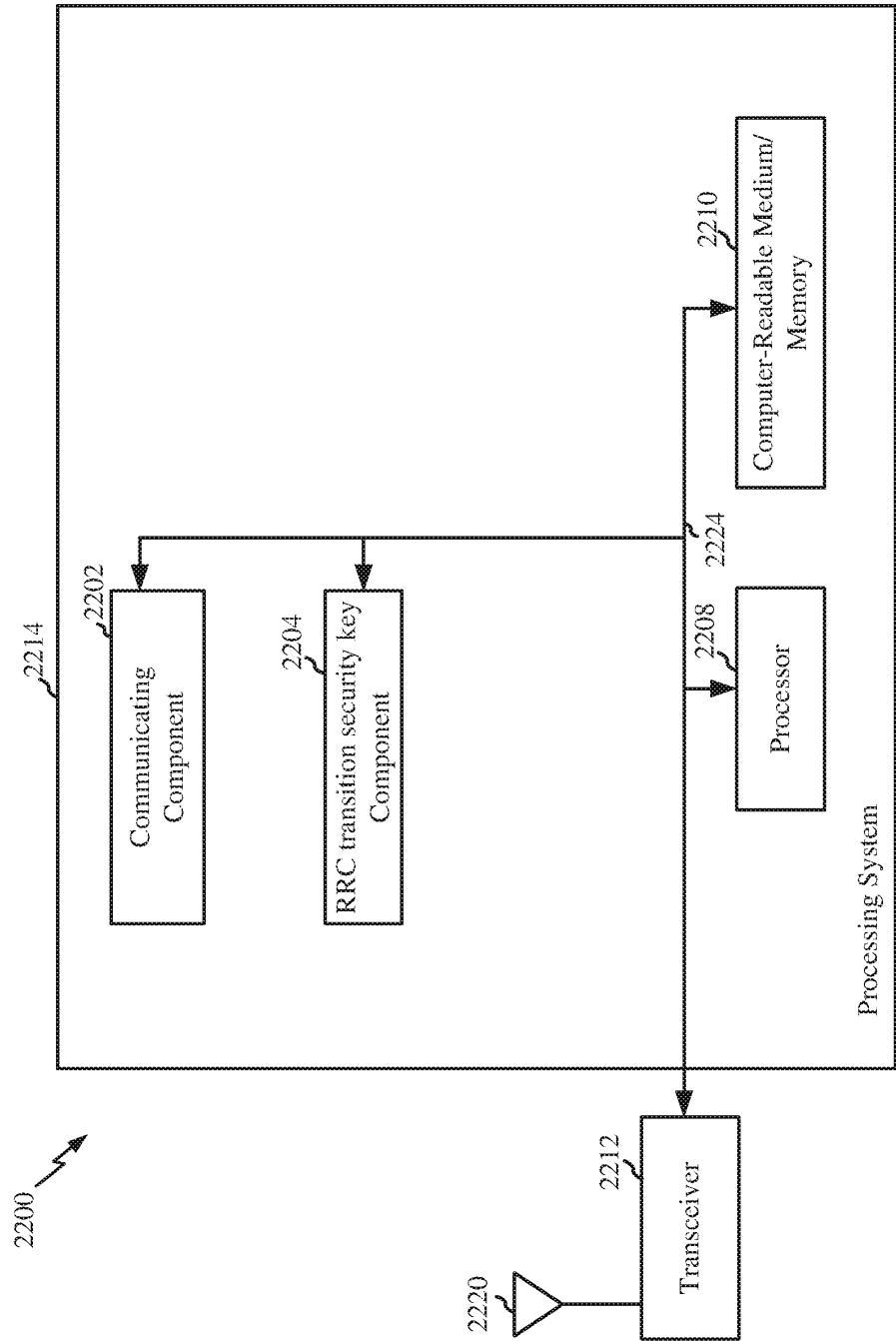


FIG. 22