FIG. 12B

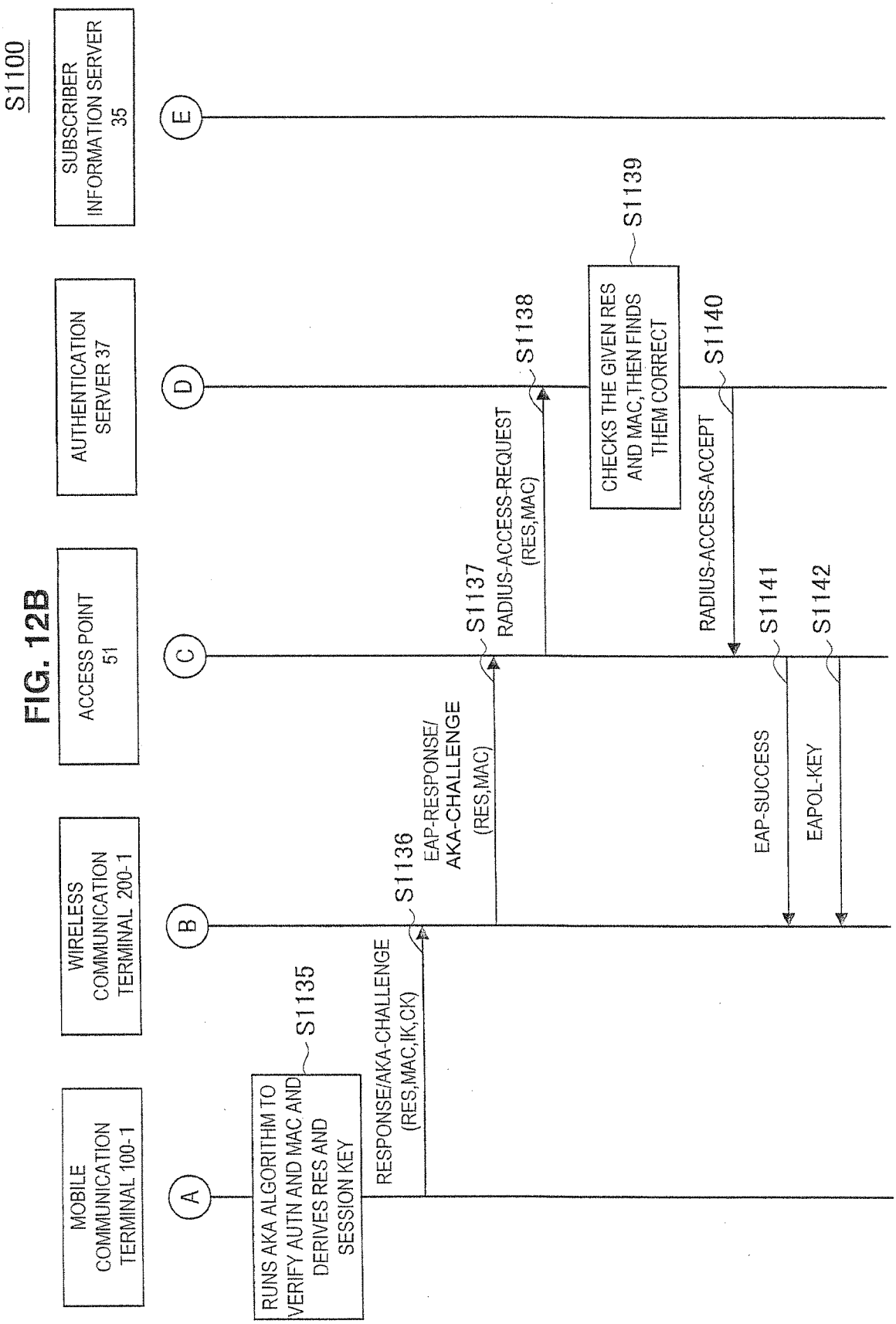
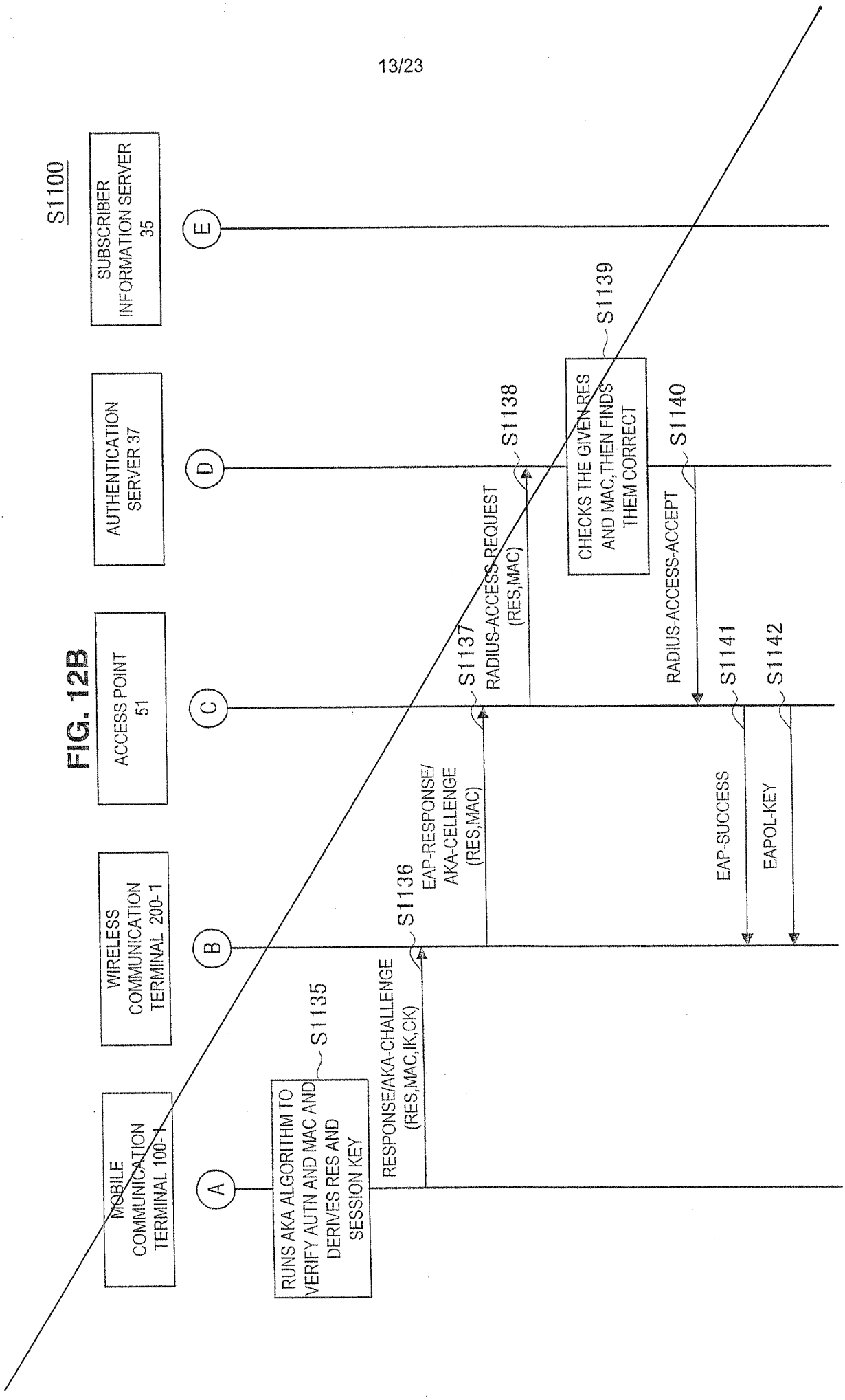

S1100
MOBILE COMMUNICATION TERMINAL 100-1
WIRELESS COMMUNICATION TERMINAL 200-1
ACCESS POINT 51
AUTHENTICATION SERVER 37
SUBSCRIBER INFORMATION SERVER 35
A
B
C
D
E
RUNS AKA ALGORITHM TO VERIFY AUTN AND MAC AND DERIVES RES AND SESSION KEY
S1135
RESPONSE/AKA-CHALLENGE (RES,MAC,IK,CK)
S1136
EAP-RESPONSE/ AKA-CHALLENGE (RES,MAC)
S1137
RADIUS-ACCESS-REQUEST (RES,MAC)
S1138
CHECKS THE GIVEN RES AND MAC, THEN FINDS THEM CORRECT
S1139
RADIUS-ACCESS-ACCEPT
S1140
EAP-SUCCESS
S1141
EAPOL-KEY
S1142

FIG. 12B


S1100
MOBILE COMMUNICATION TERMINAL 100-1
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S1141
EAPOL-KEY
S1142