

FIG. 1

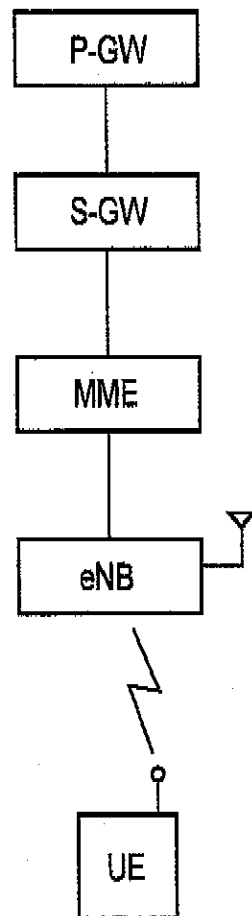


FIG. 2

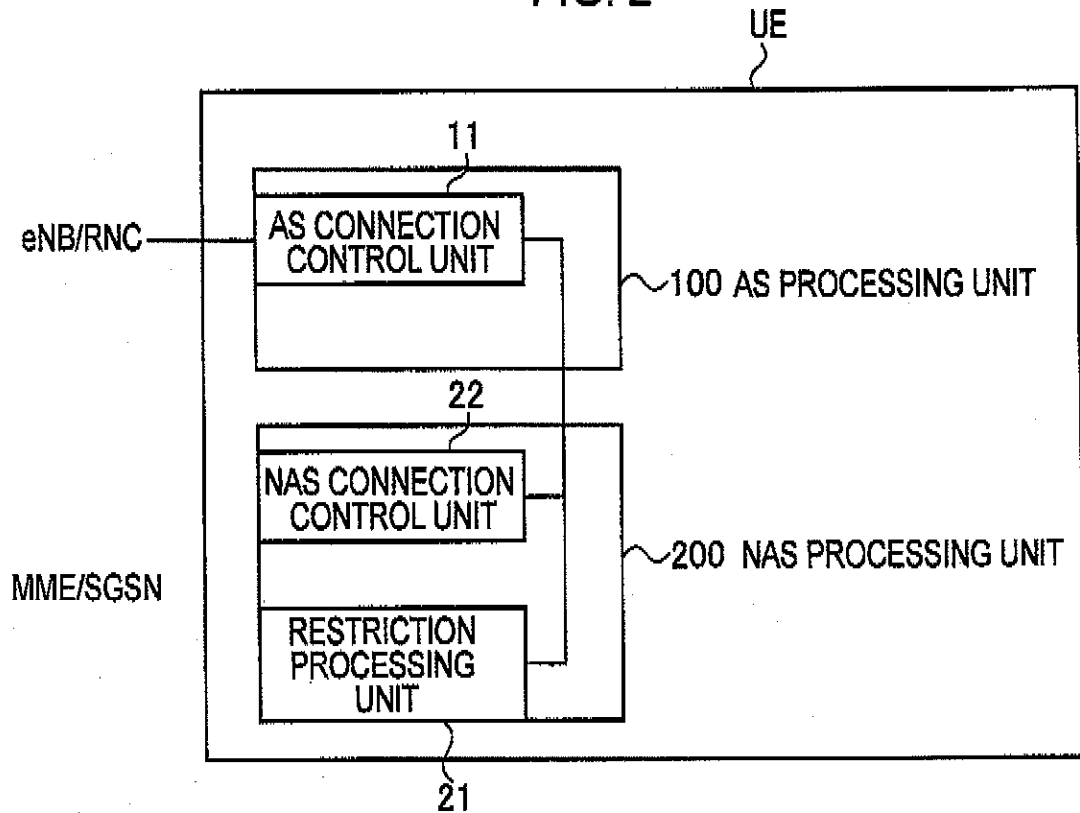


FIG. 3

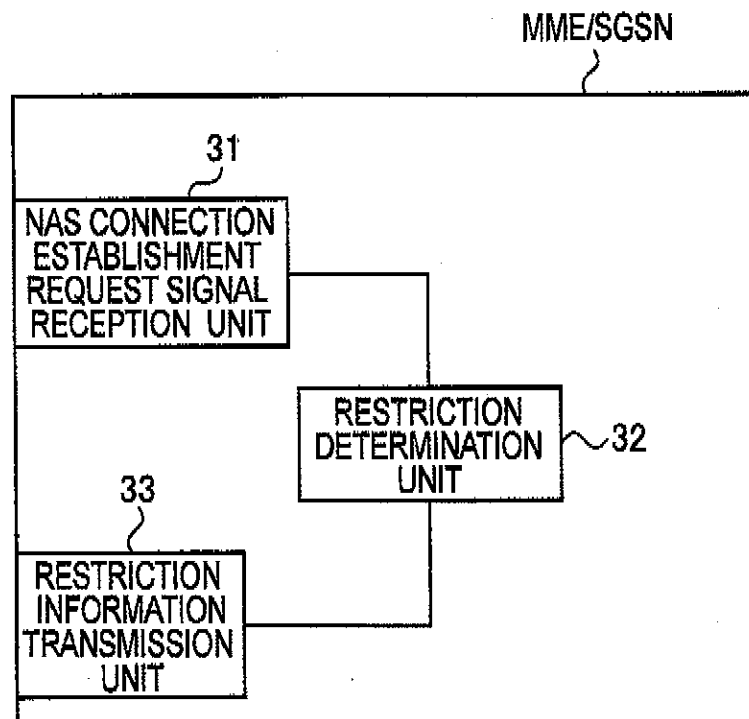


FIG. 4

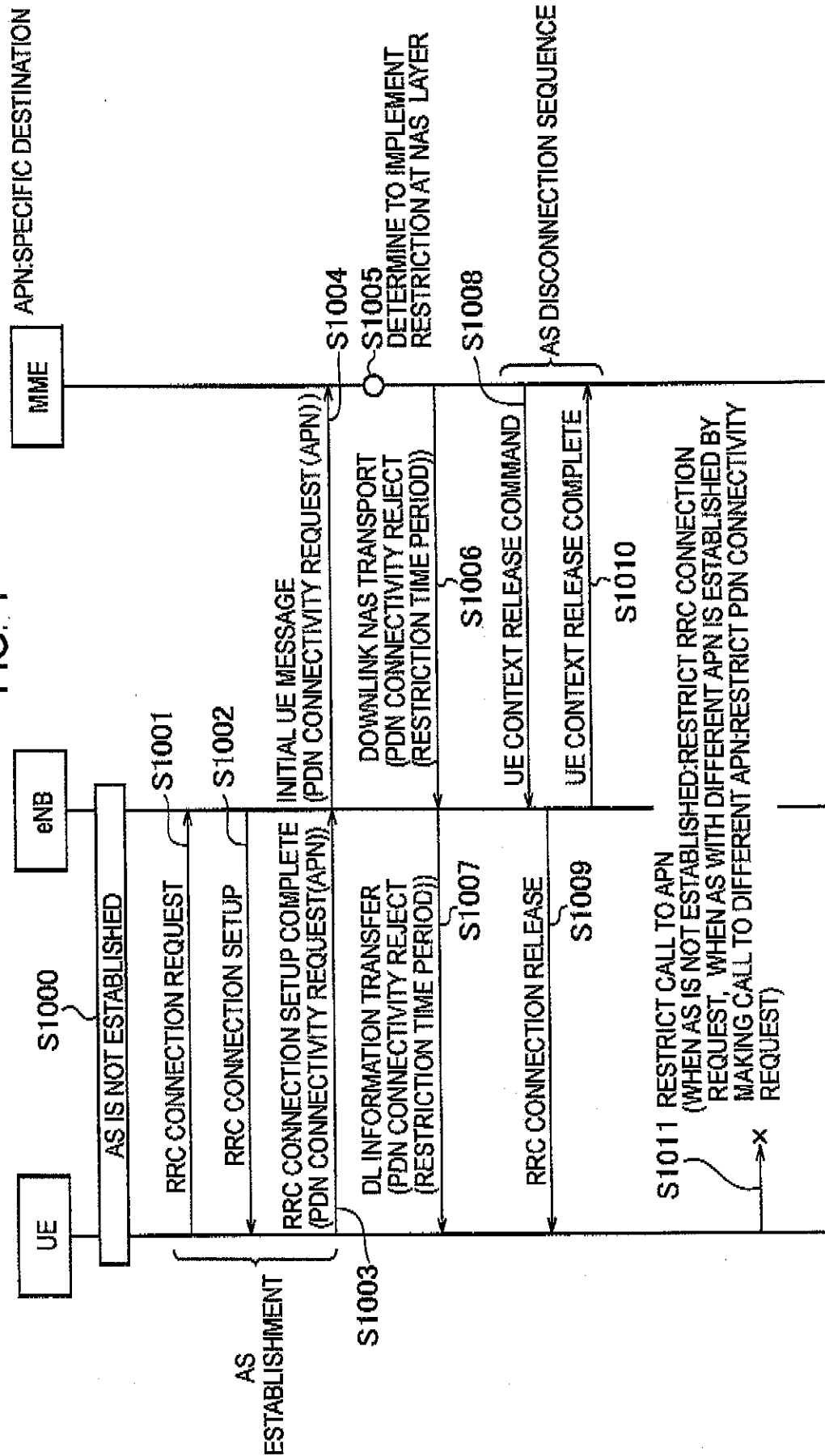


FIG. 5

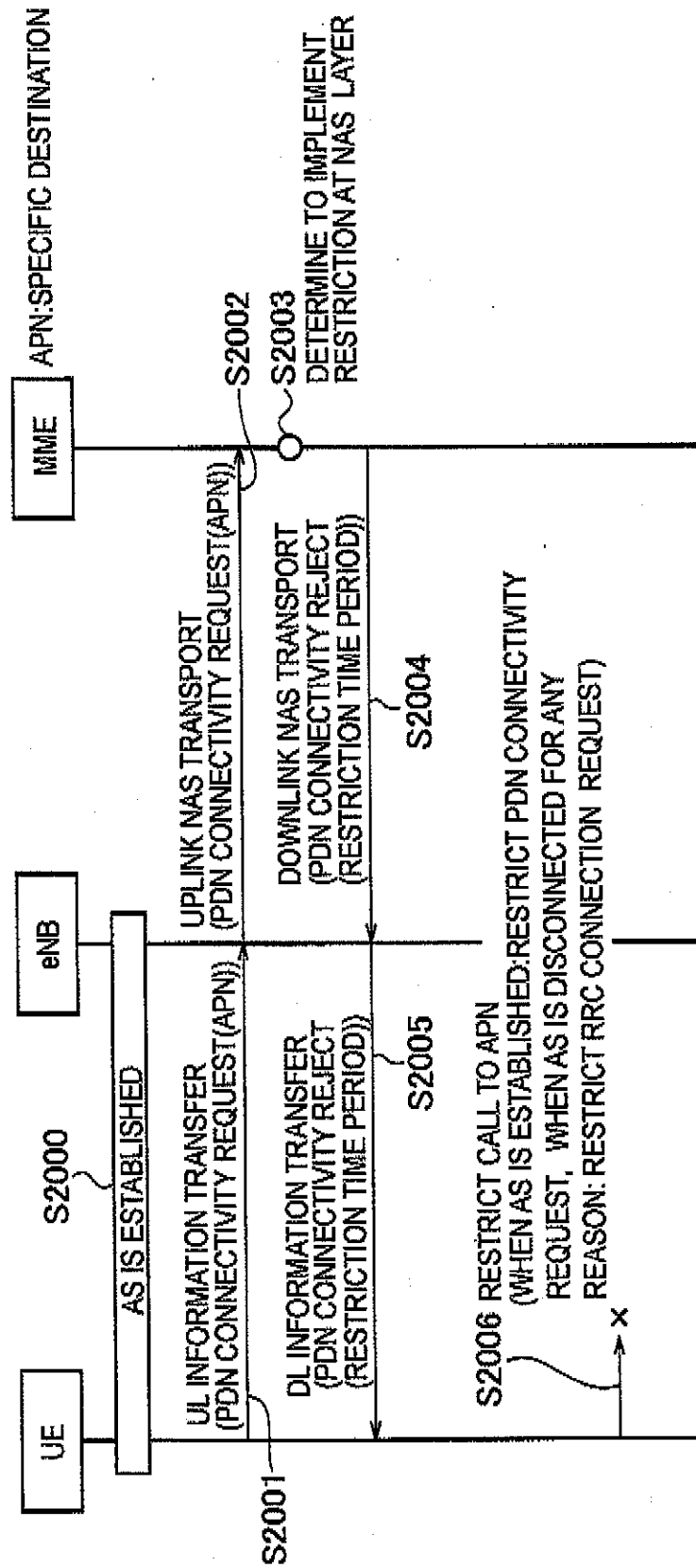


FIG. 6

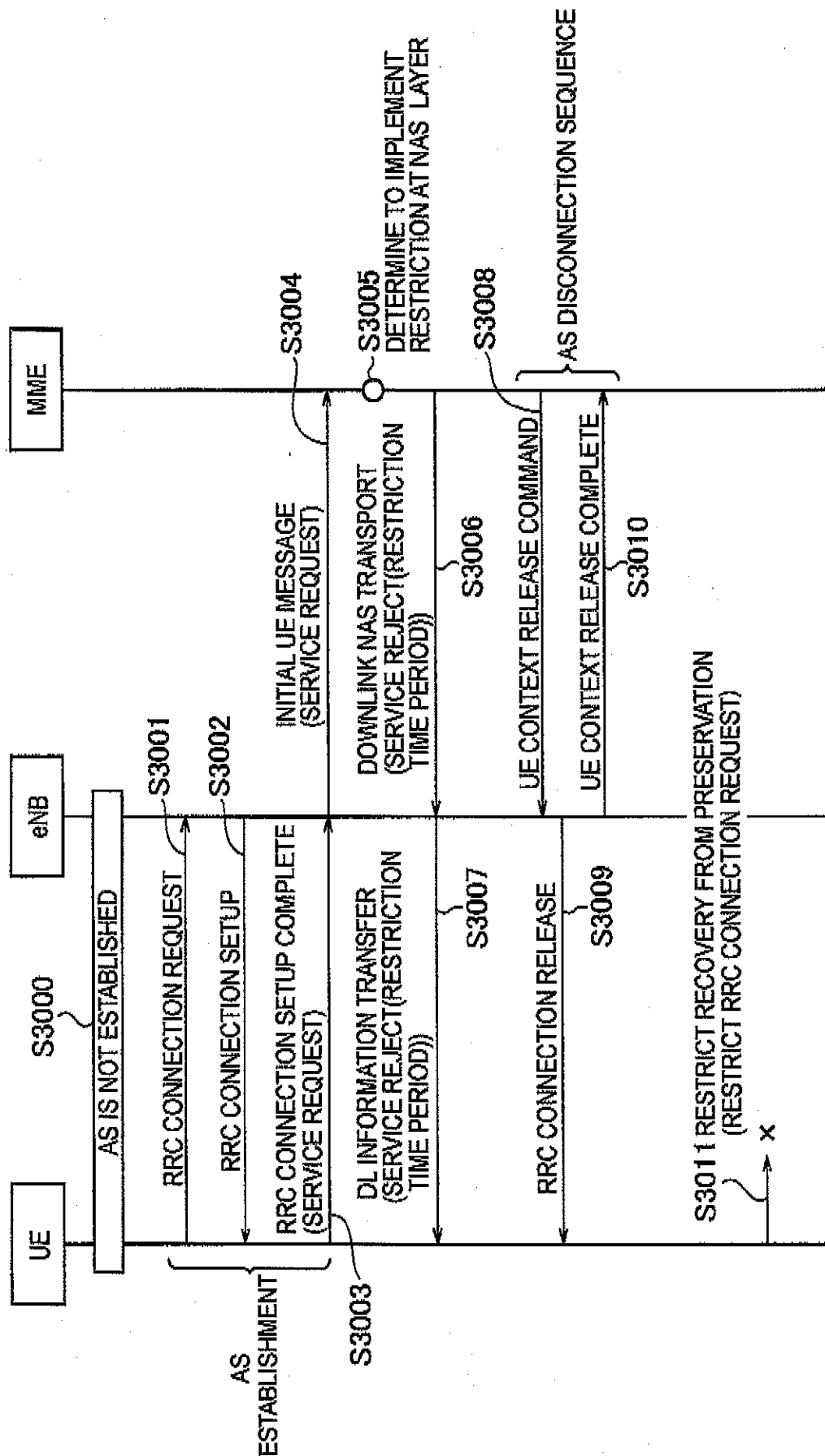


FIG. 7

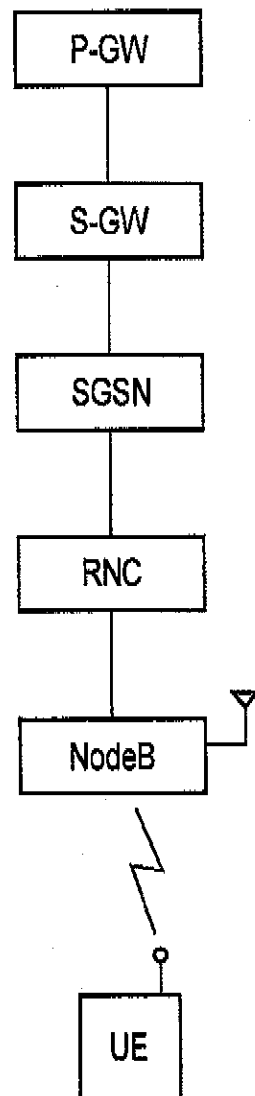




FIG. 9

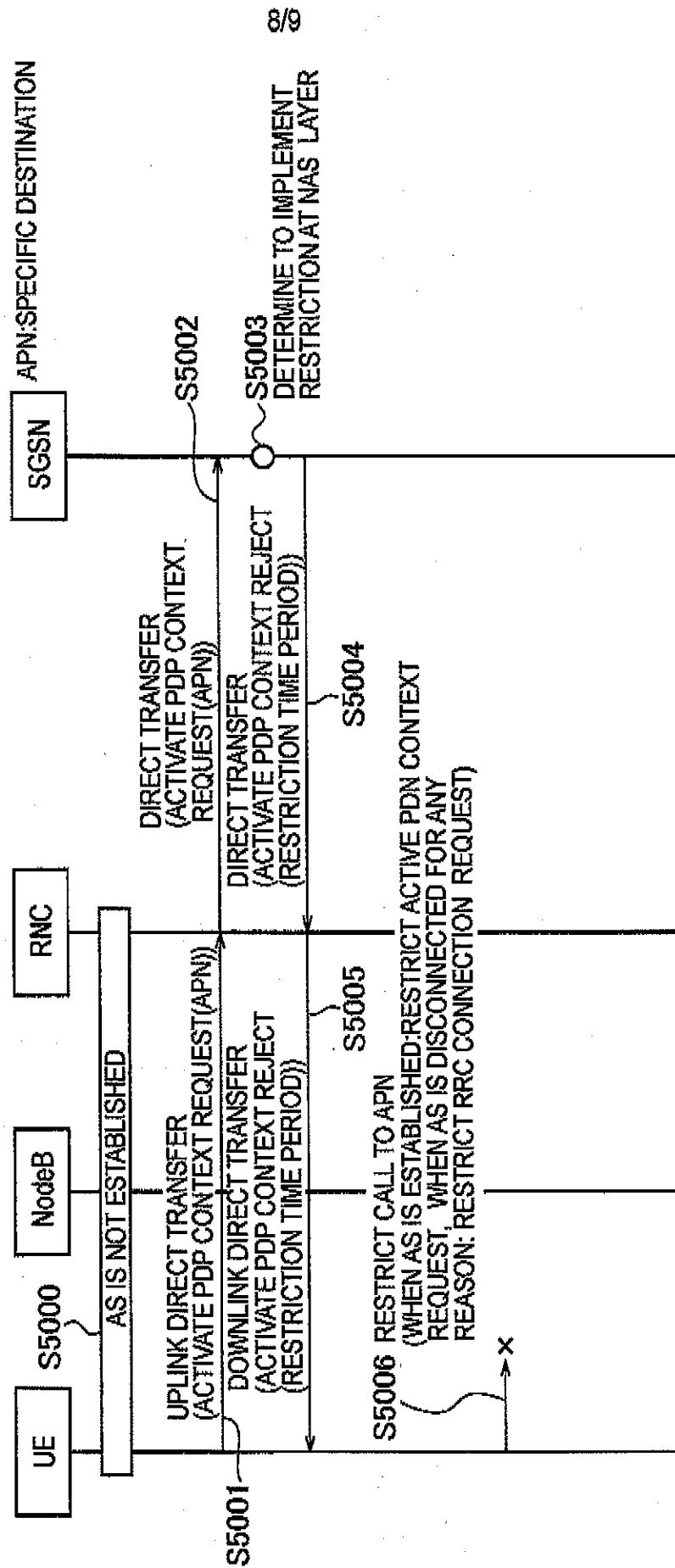


FIG. 10

The diagram illustrates the sequence of messages for AS establishment and release. The participants are UE, NodeB, RNC, and SGSN. The process begins with a 'S6000 AS IS NOT ESTABLISHED' state. The 'AS ESTABLISHMENT' phase includes: RRC CONNECTION REQUEST (S6001) from UE to RNC; RADIO LINK SETUP REQUEST (S6002) from RNC to NodeB; RADIO LINK SETUP RESPONSE (S6003) from NodeB to RNC; RRC CONNECTION SETUP (S6004) from RNC to UE; and RRC CONNECTION SETUP COMPLETE (S6005) from UE to RNC. This is followed by an 'INITIAL DIRECT TRANSFER (SERVICE REQUEST (DATA TRANSMISSION))' (S6006) from UE to RNC. The RNC then sends an 'INITIAL UE MESSAGE (SERVICE REQUEST (DATA TRANSMISSION))' (S6007) to the SGSN. The SGSN responds with a 'DIRECT TRANSFER (SERVICE REJECT (RESTRICTION TIME PERIOD))' (S6008) to the RNC, which then sends an 'IU RELEASE COMMAND' (S6009) to the UE. The 'AS DISCONNECTION SEQUENCE' follows with: 'S6010 S6012 RRC CONNECTION RELEASE' from RNC to UE; 'S6013 S6011 IU RELEASE COMPLETE' from RNC to SGSN; 'S6014 S6016 RADIO LINK DELETION REQUEST' from RNC to NodeB; and 'S6015 RADIO LINK DELETION RESPONSE' from NodeB to RNC. Finally, 'S6017 RESTRICT RECOVERY FROM PRESERVATION (RESTRICT RRC CONNECTION REQUEST)' is shown as a message from the UE, with an 'x' indicating the end of the sequence.