

FIG. 1

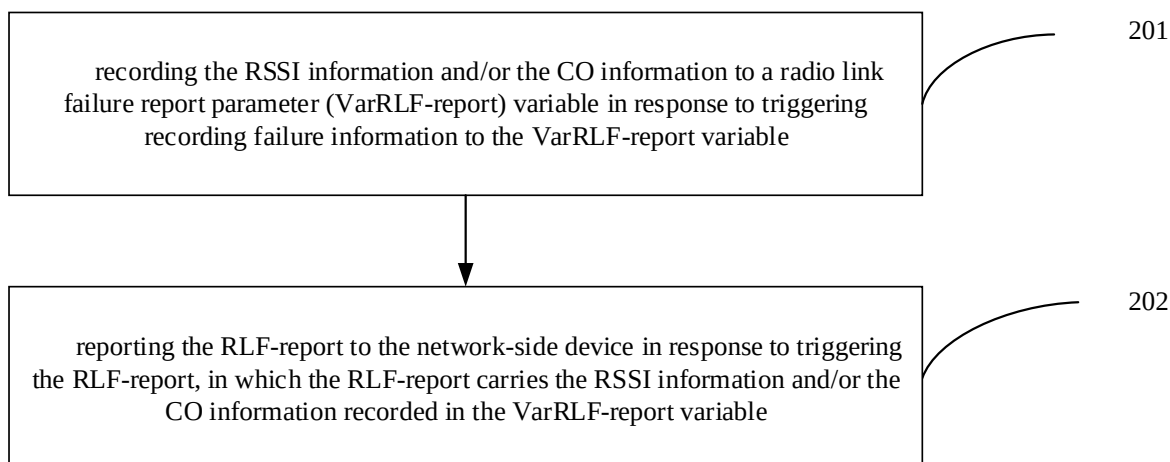


FIG. 2

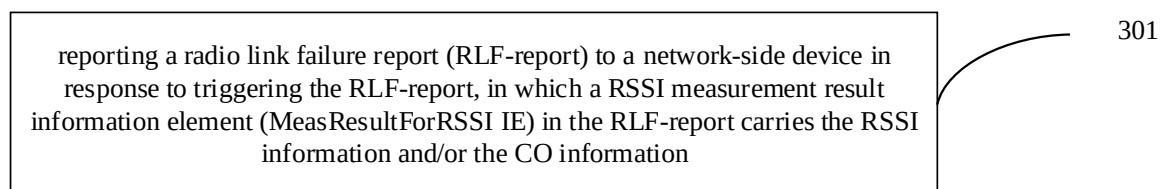


FIG. 3

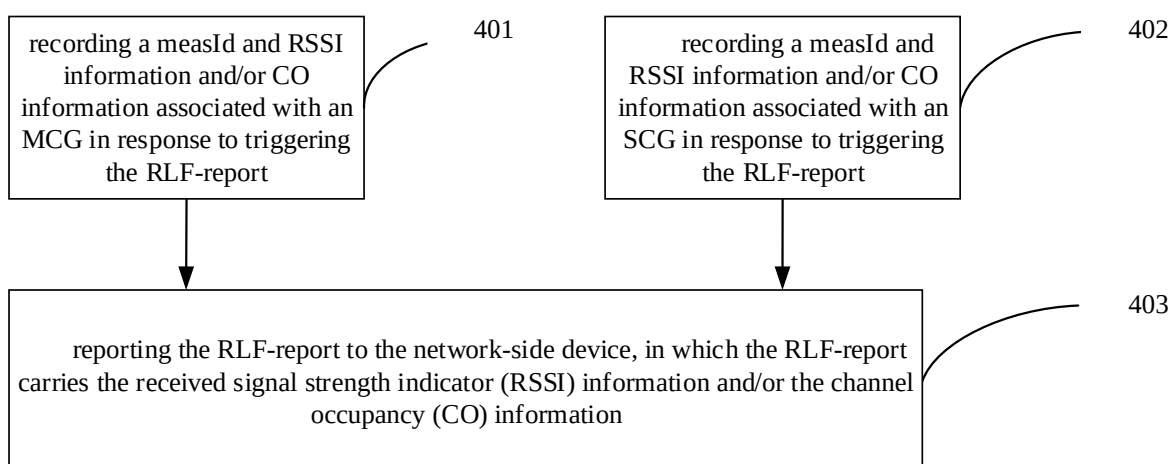


FIG. 4

reporting the radio link failure report (RLF-report) to the network-side device in response to triggering the RLF-report, in which the RLF-report carries network capability information, and the network capability information is used to indicate a capability of the terminal device to support recording and reporting the RSSI information and/or the CO information in the RLF-report

501

FIG. 5

reporting failure information to a network-side device in response to triggering failure information reporting, in which the failure information carries RSSI information and/or CO information

601

FIG. 6

reporting master cell group failure information (MCGFailureInformation) to the network-side device in response to triggering MCGFailureInformation reporting, in which the MCGFailureInformation carries the RSSI information and/or the CO information

701

FIG. 7

reporting the MCGFailureInformation to the network-side device in response to triggering the MCGFailureInformation reporting, in which the MCGFailureInformation carries network capability information, and the network capability information is used to indicate a capability of the terminal device to support recording and reporting the RSSI information and/or the CO information in the MCGFailureInformation

801

FIG. 8

reporting secondary cell group failure information (SCGFailureInformation) to the network-side device in response to triggering SCGFailureInformation reporting, in which the SCGFailureInformation carries the RSSI information and/or the CO information

901

FIG. 9

reporting the SCGFailureInformation to the network-side device in response to triggering the SCGFailureInformation reporting, in which the SCGFailureInformation carries network capability information, and the network capability information is used to indicate a capability of the terminal device to support recording and reporting the RSSI information and/or the CO information in the SCGFailureInformation

1001

FIG. 10

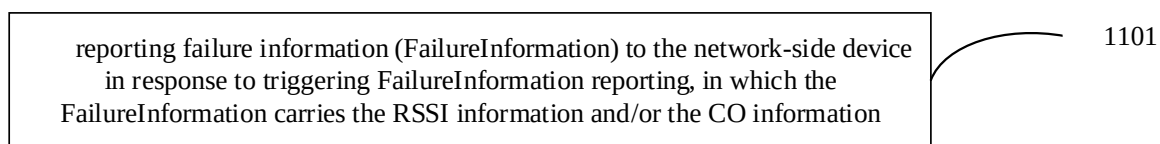


FIG. 11

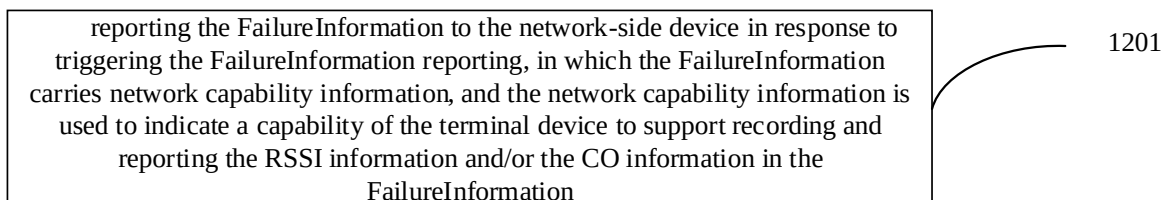


FIG. 12

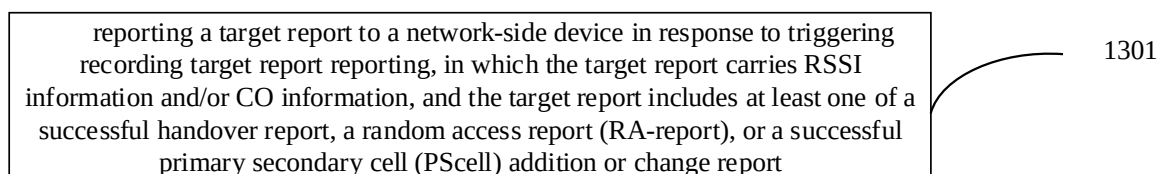


FIG. 13

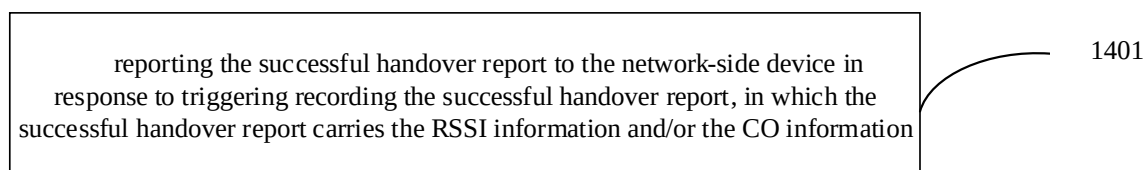


FIG. 14

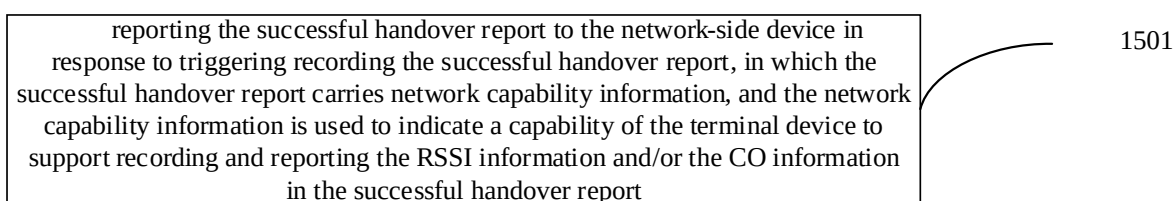


FIG. 15

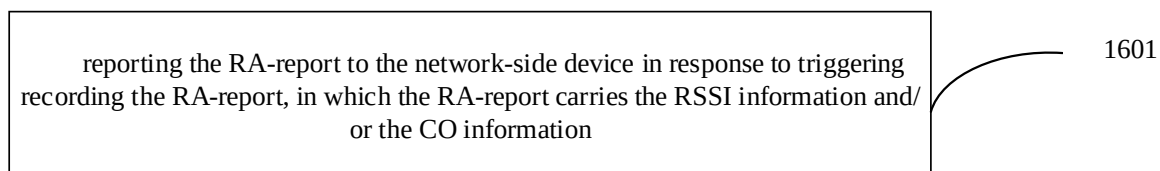


FIG. 16

reporting the RA-report to the network-side device in response to triggering recording the RA-report, in which the RA-report carries network capability information, and the network capability information is used to indicate a capability of the terminal device to support recording and reporting the RSSI information and/or the CO information in the RA-report

1701

FIG. 17

reporting the successful PScell addition or change report to the network-side device in response to triggering recording the successful PScell addition or change report, in which the successful PScell addition or change report carries the RSSI information and/or the CO information

1801

FIG. 18

reporting the successful PScell addition or change report to the network-side device in response to triggering recording the successful PScell addition or change report, in which the successful PScell addition or change report carries network capability information, and the network capability information is used to indicate a capability of the terminal device to support recording and reporting the RSSI information and/or the CO information in the successful PScell addition or change report

1901

FIG. 19

receiving an RLF-report reported by a terminal device, in which the RLF-report carries RSSI information and/or CO information

2001

FIG. 20

receiving failure information reported by a terminal device, in which the failure information carries RSSI information and/or CO information

2101

FIG. 21

receiving a target report reported by a terminal device, in which the target report carries RSSI information and/or CO information, and the target report includes at least one of a successful handover report, a random access report (RA-report), or a successful primary secondary cell (PScell) addition or change report

2201

FIG. 22

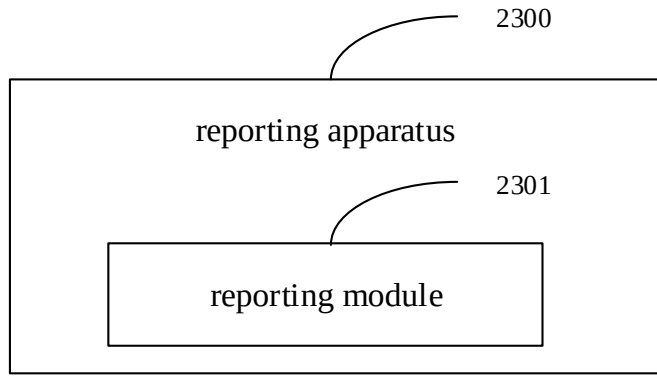


FIG. 23

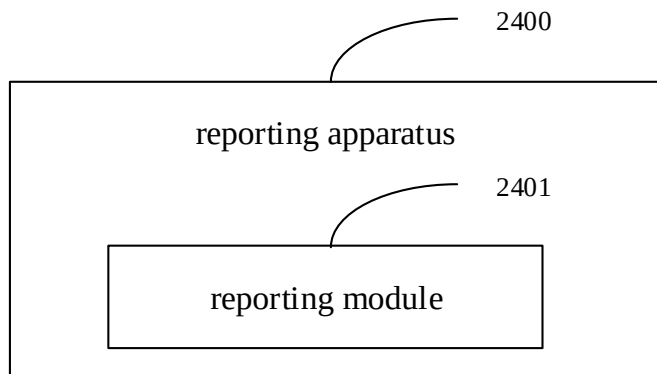


FIG. 24

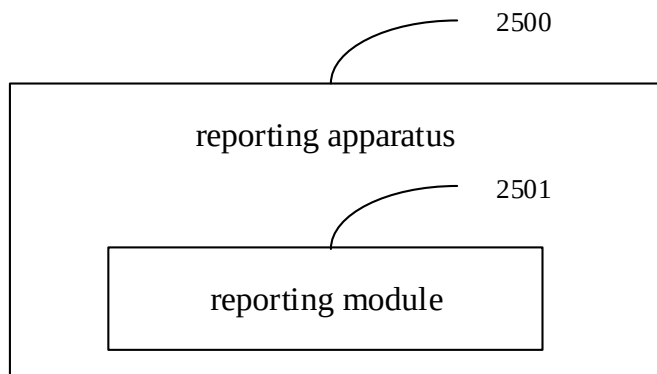


FIG. 25

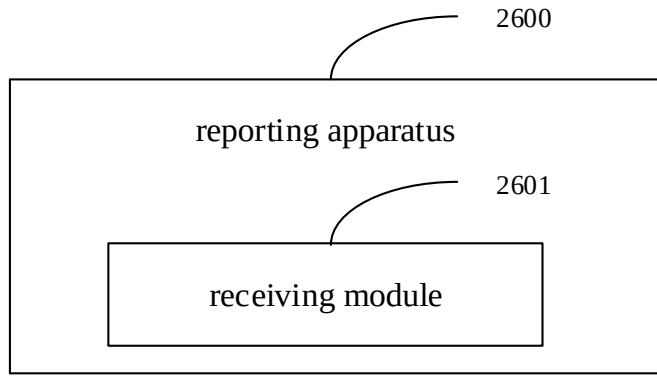


FIG. 26

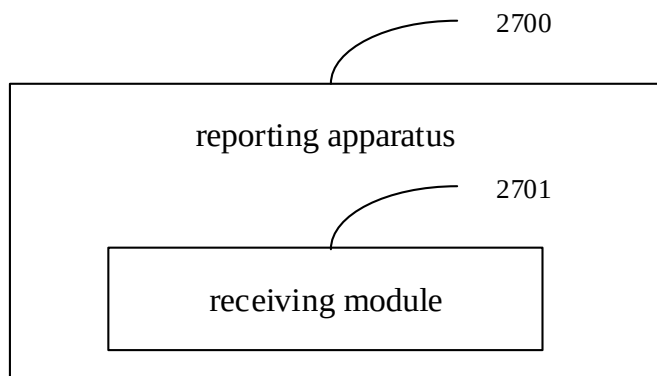


FIG. 27

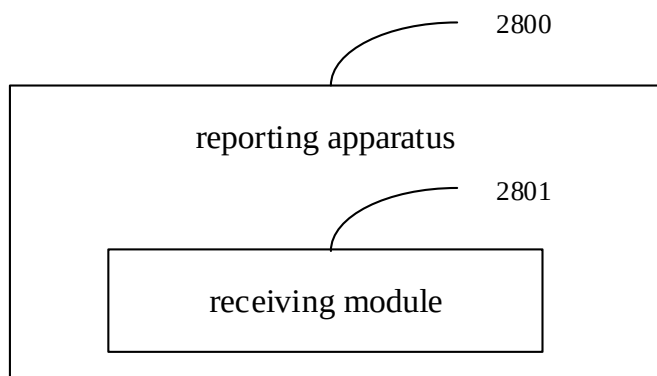


FIG. 28

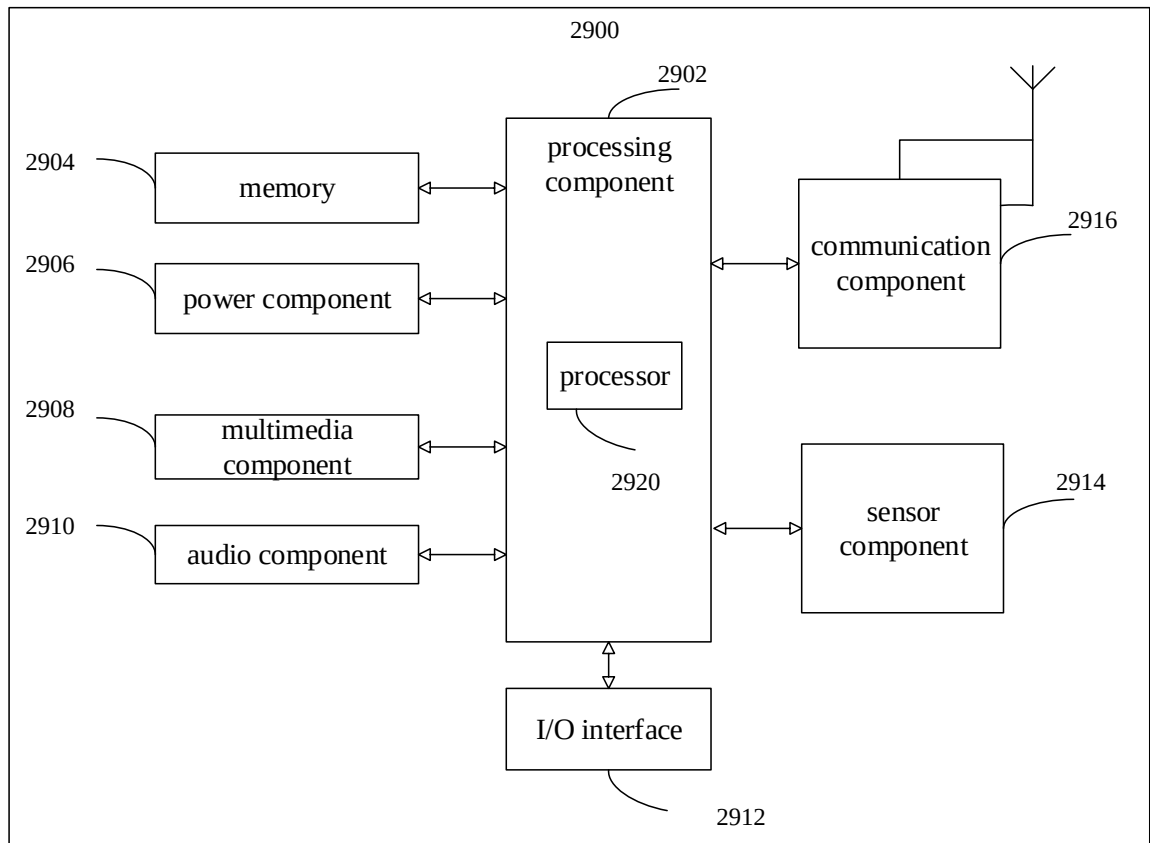


FIG. 29

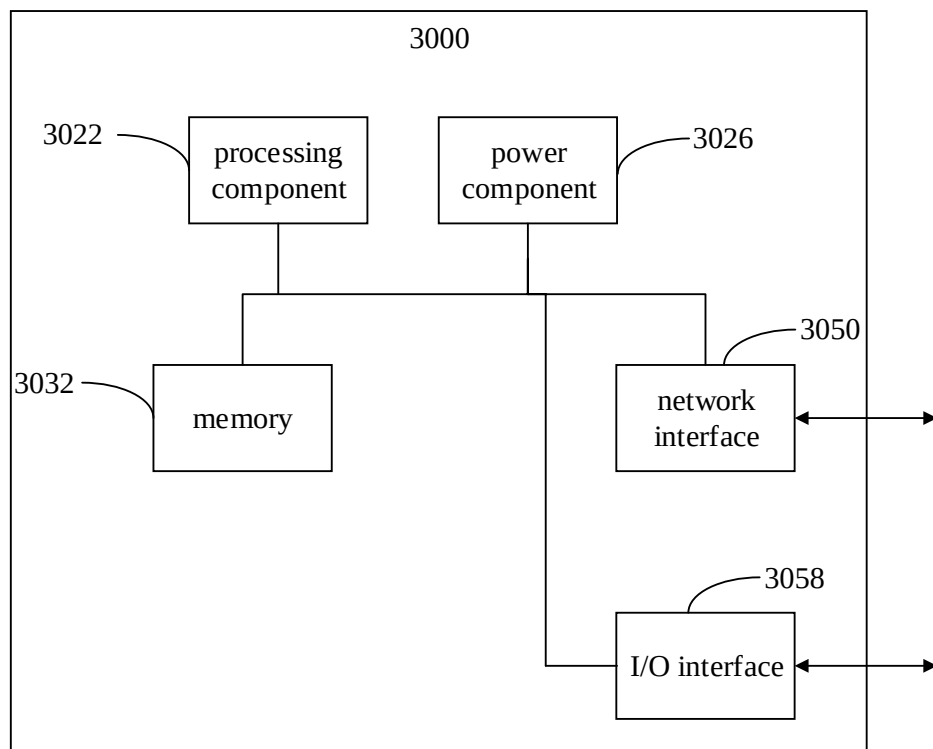


FIG. 30