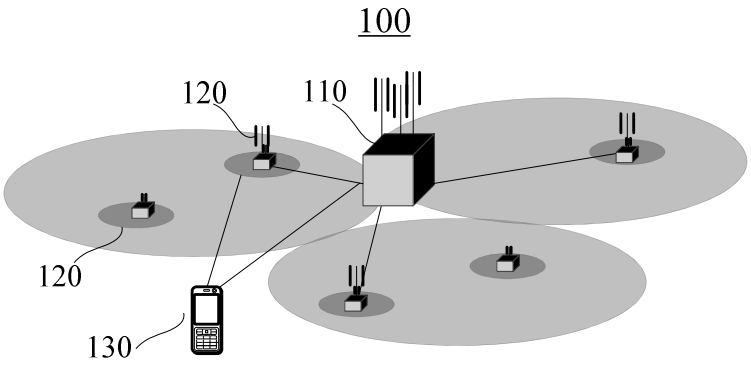
100
120
110
120
130

FIG. 1

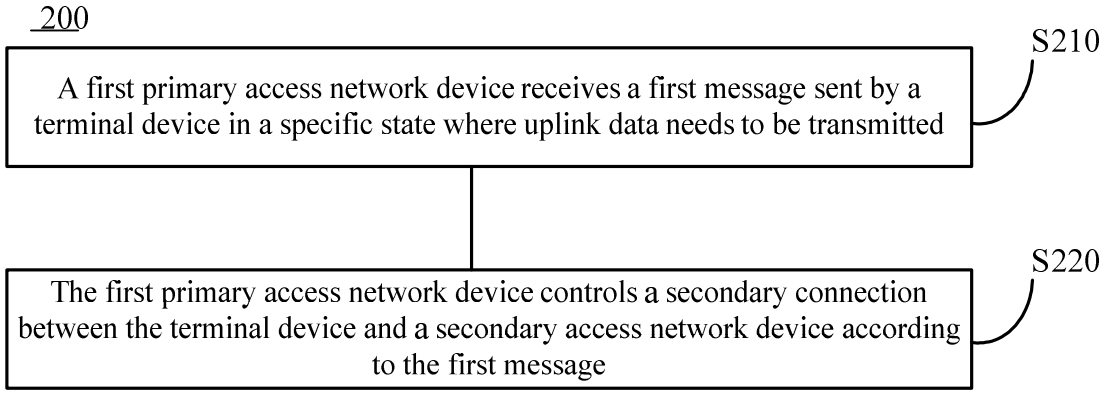
200
A first primary access network device receives a first message sent by a terminal device in a specific state where uplink data needs to be transmitted
S210
The first primary access network device controls a secondary connection between the terminal device and a secondary access network device according to the first message
S220

FIG. 2

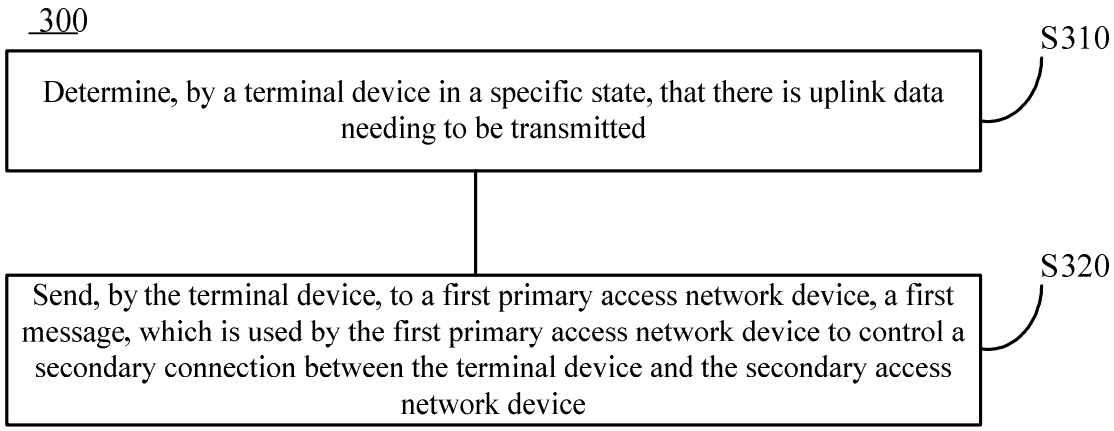
300
S310
Determine, by a terminal device in a specific state, that there is uplink data needing to be transmitted
S320
Send, by the terminal device, to a first primary access network device, a first message, which is used by the first primary access network device to control a secondary connection between the terminal device and the secondary access network device

FIG. 3

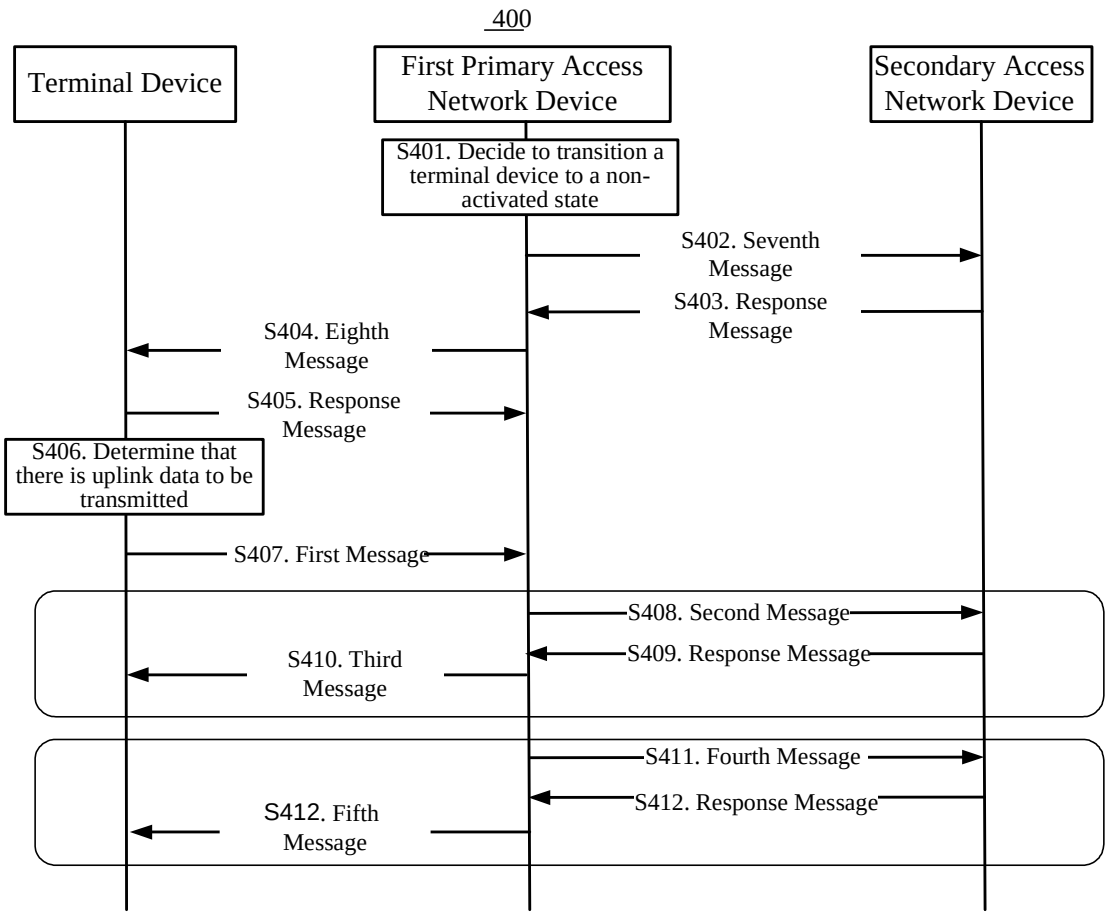
400
Terminal Device
First Primary Access Network Device
Secondary Access Network Device
S401. Decide to transition a terminal device to a non-activated state
S402. Seventh Message
S403. Response Message
S404. Eighth Message
S405. Response Message
S406. Determine that there is uplink data to be transmitted
S407. First Message
S408. Second Message
S409. Response Message
S410. Third Message
S411. Fourth Message
S412. Response Message
S412. Fifth Message

FIG. 4

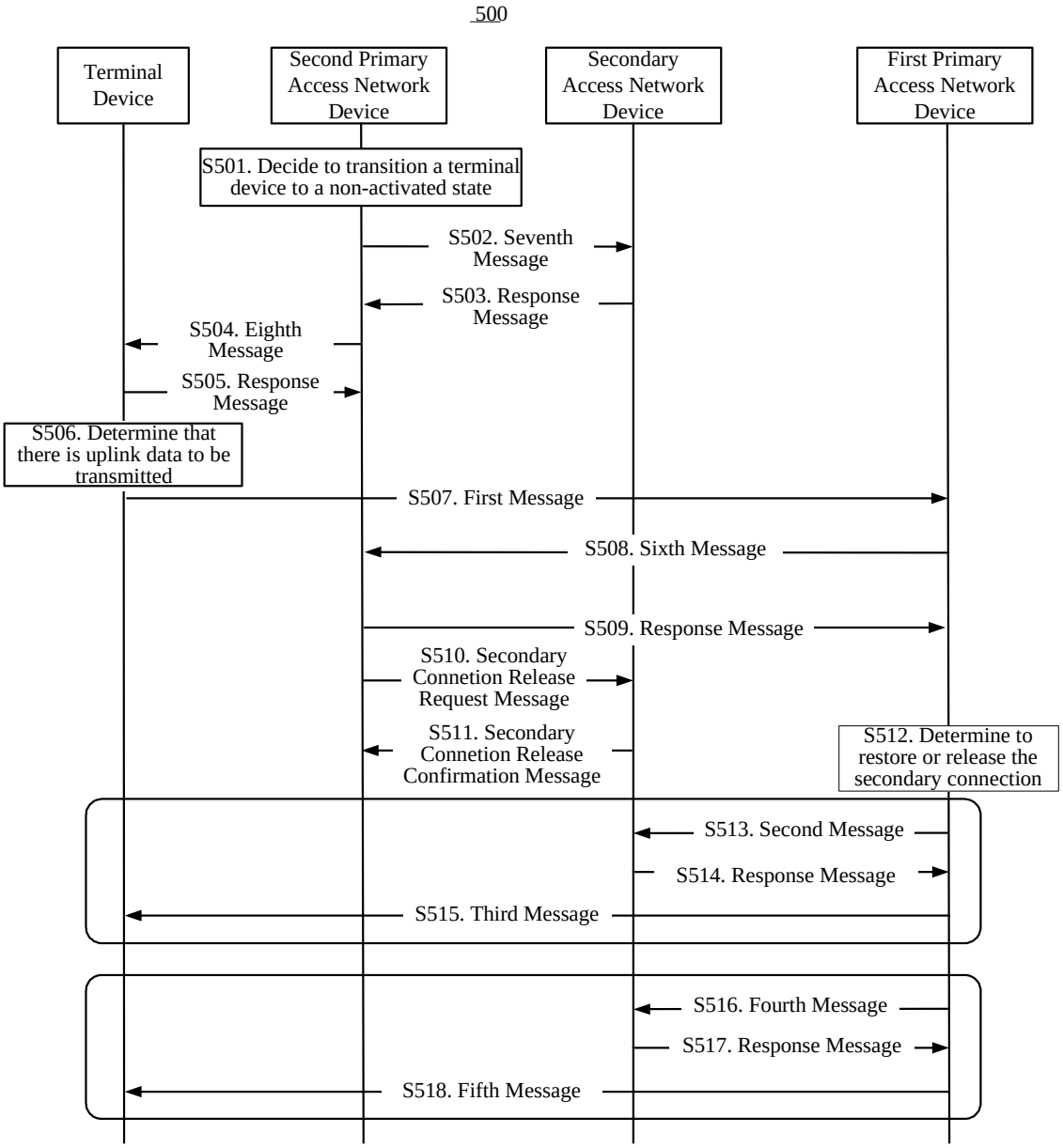
500
Terminal Device
Second Primary Access Network Device
Secondary Access Network Device
First Primary Access Network Device
S501. Decide to transition a terminal device to a non-activated state
S502. Seventh Message
S503. Response Message
S504. Eighth Message
S505. Response Message
S506. Determine that there is uplink data to be transmitted
S507. First Message
S508. Sixth Message
S509. Response Message
S510. Secondary Connetion Release Request Message
S511. Secondary Connetion Release Confirmation Message
S512. Determine to restore or release the secondary connection
S513. Second Message
S514. Response Message
S515. Third Message
S516. Fourth Message
S517. Response Message
S518. Fifth Message

FIG. 5

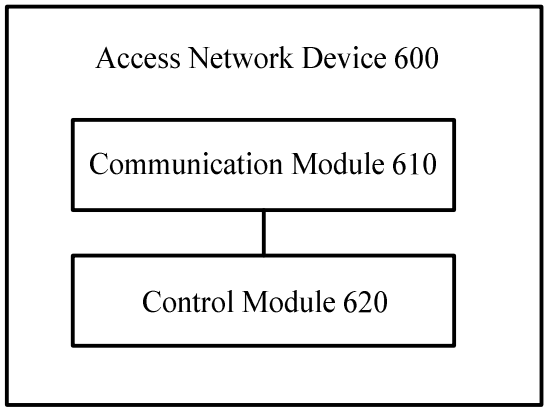
Access Network Device 600
Communication Module 610
Control Module 620

FIG. 6

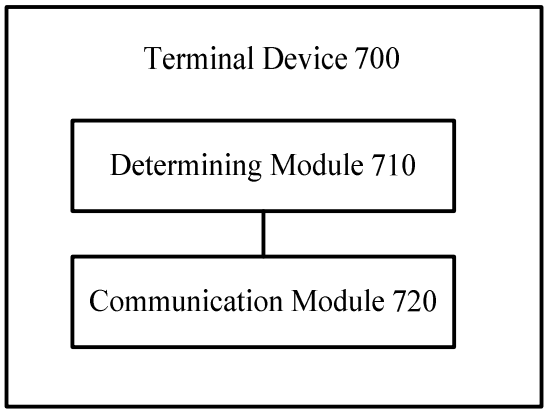
Terminal Device 700
Determining Module 710
Communication Module 720

FIG. 7

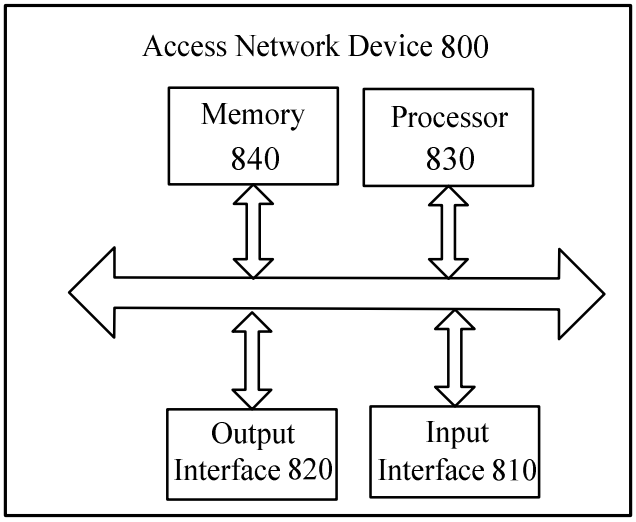
Access Network Device 800
Memory
840
Processor
830
Output
Interface 820
Input
Interface 810

FIG. 8

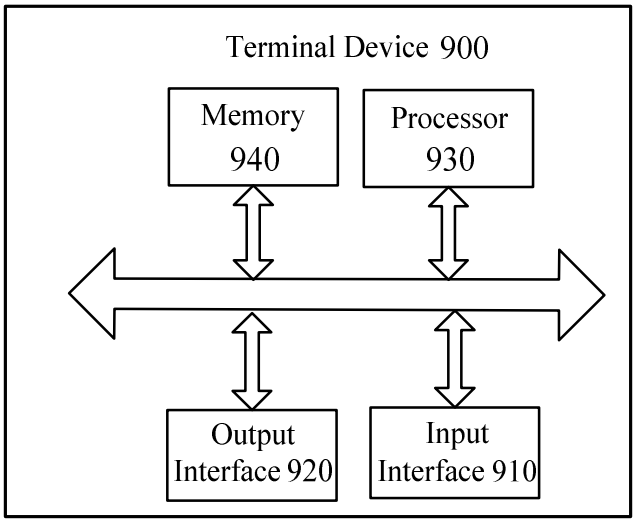
Terminal Device 900
Memory
940
Processor
930
Output
Interface 920
Input
Interface 910

FIG. 9