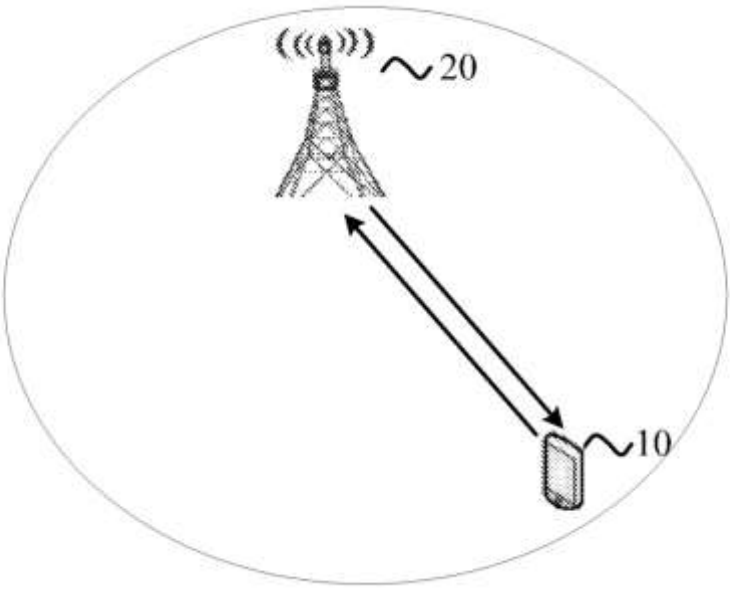
20
10

FIG. 1

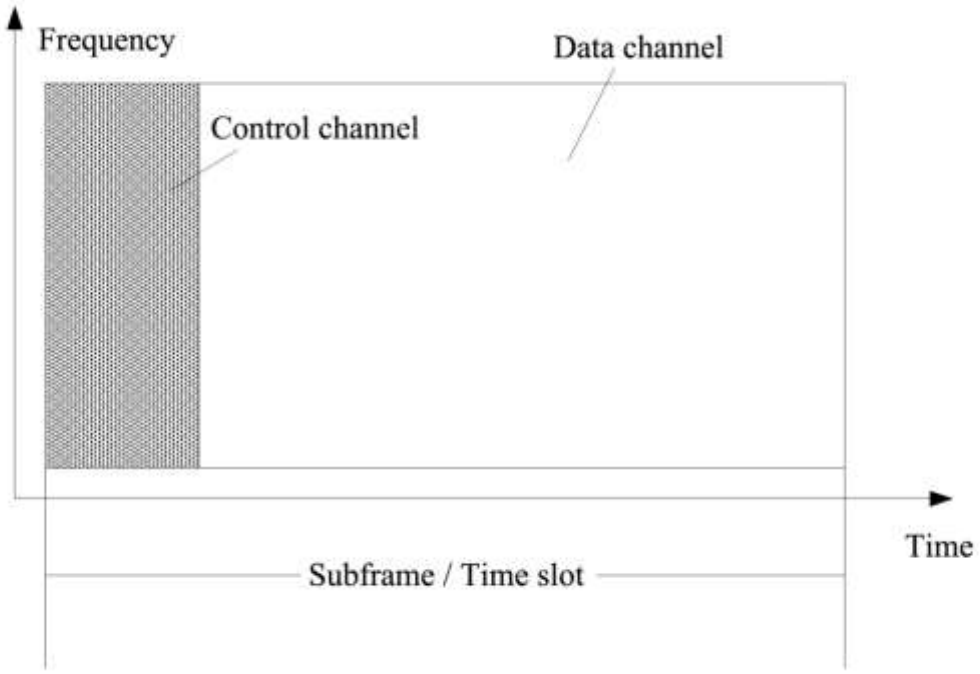
Frequency
Data channel
Control channel
Time
Subframe / Time slot

FIG. 2

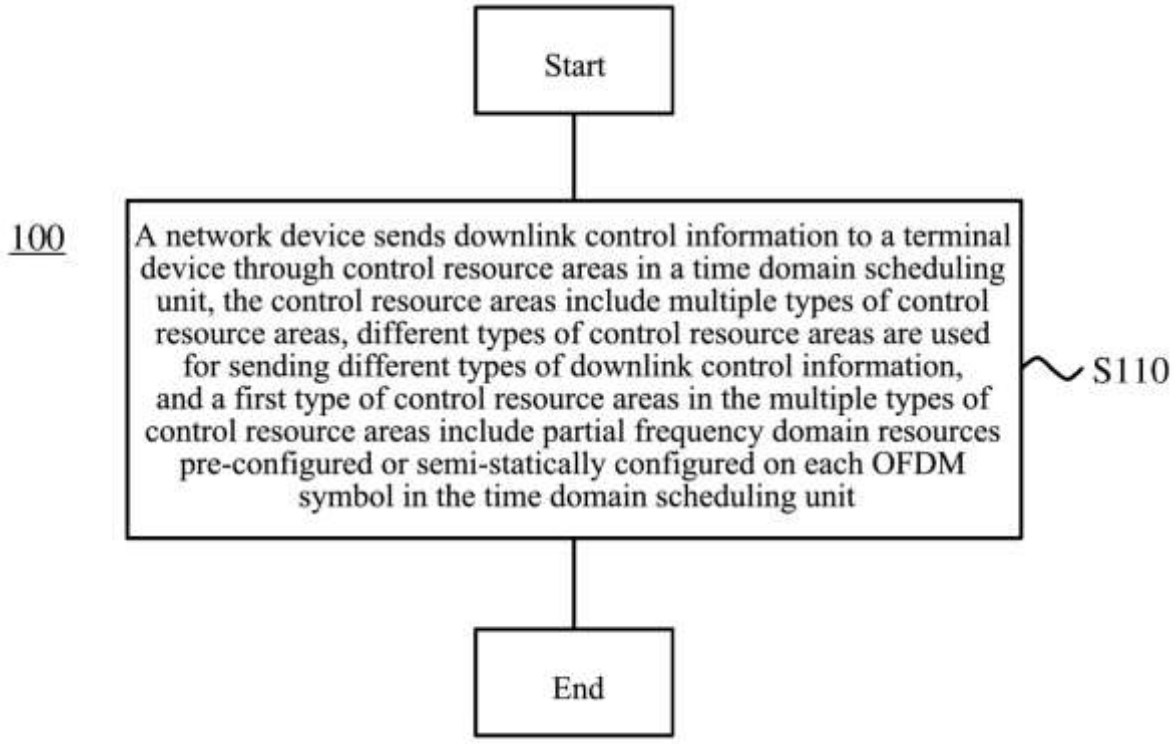
Start
100
A network device sends downlink control information to a terminal device through control resource areas in a time domain scheduling unit, the control resource areas include multiple types of control resource areas, different types of control resource areas are used for sending different types of downlink control information, and a first type of control resource areas in the multiple types of control resource areas include partial frequency domain resources pre-configured or semi-statically configured on each OFDM symbol in the time domain scheduling unit
S110
End

FIG. 3

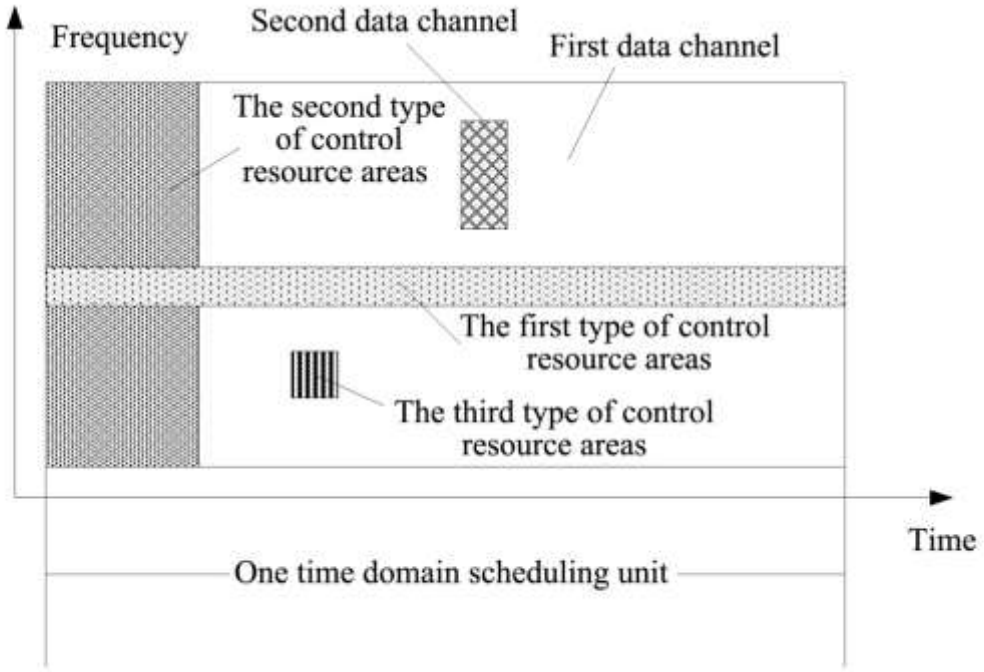
Frequency
Second data channel
First data channel
The second type of control resource areas
The first type of control resource areas
The third type of control resource areas
Time
One time domain scheduling unit

FIG. 4

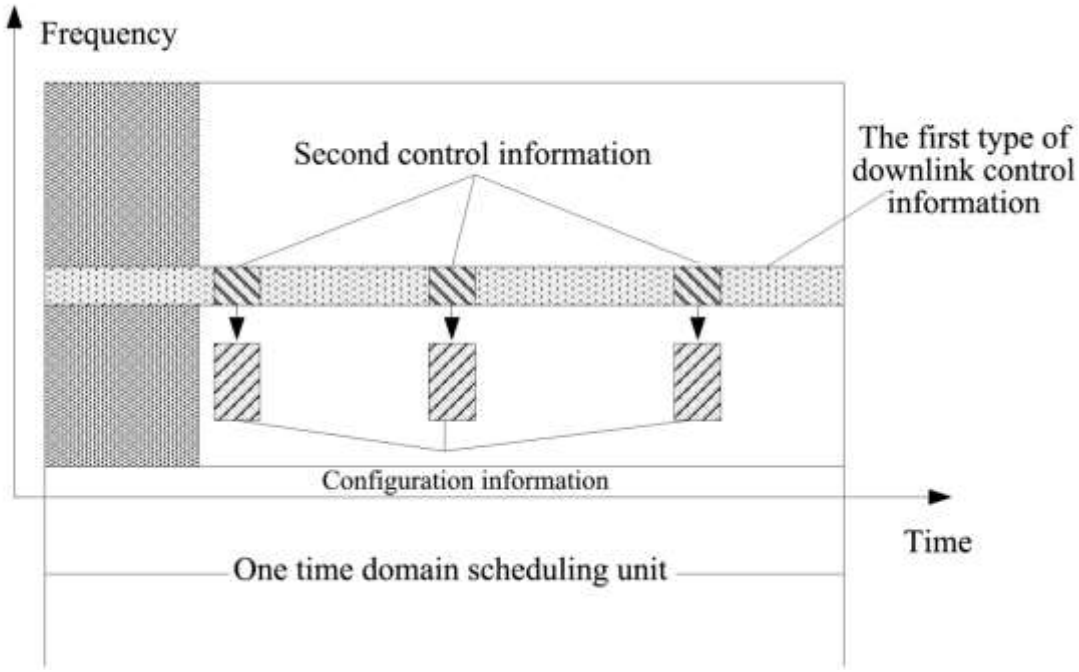
Frequency
Second control information
The first type of downlink control information
Configuration information
Time
One time domain scheduling unit

FIG. 5

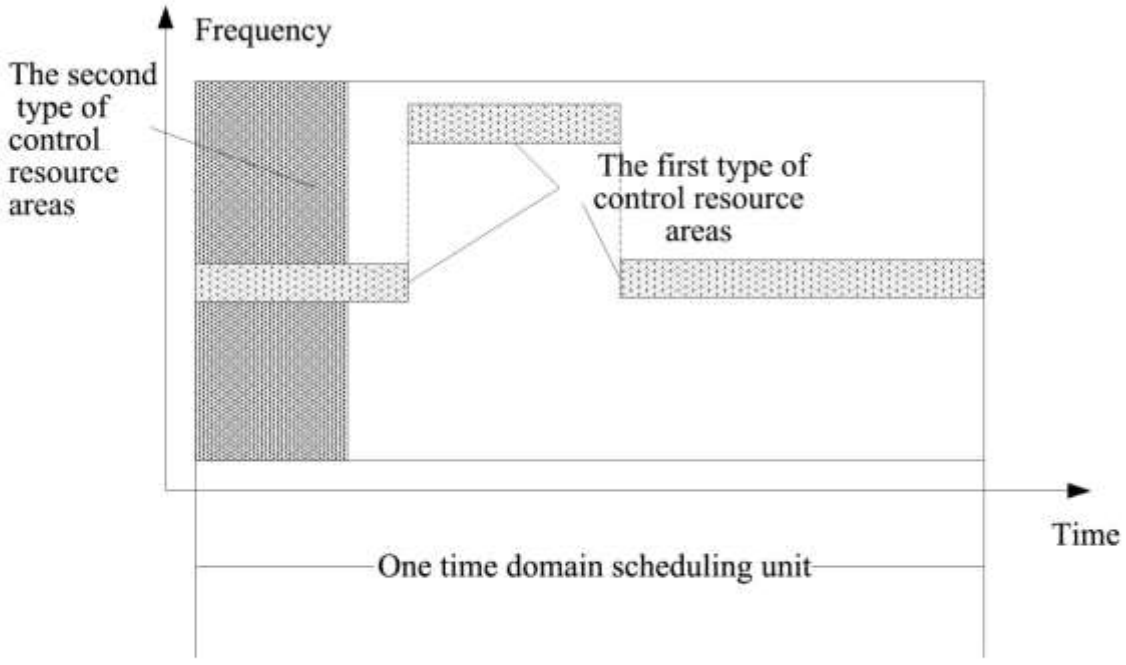
Frequency
The second type of control resource areas
The first type of control resource areas
Time
One time domain scheduling unit

FIG. 6

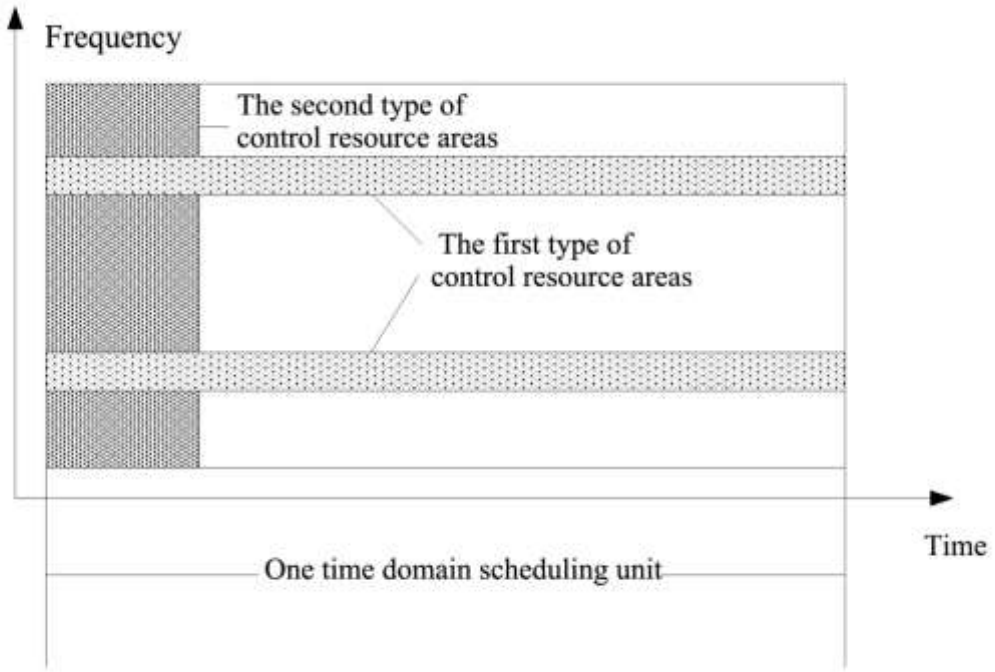
Frequency
The second type of control resource areas
The first type of control resource areas
Time
One time domain scheduling unit

FIG. 7

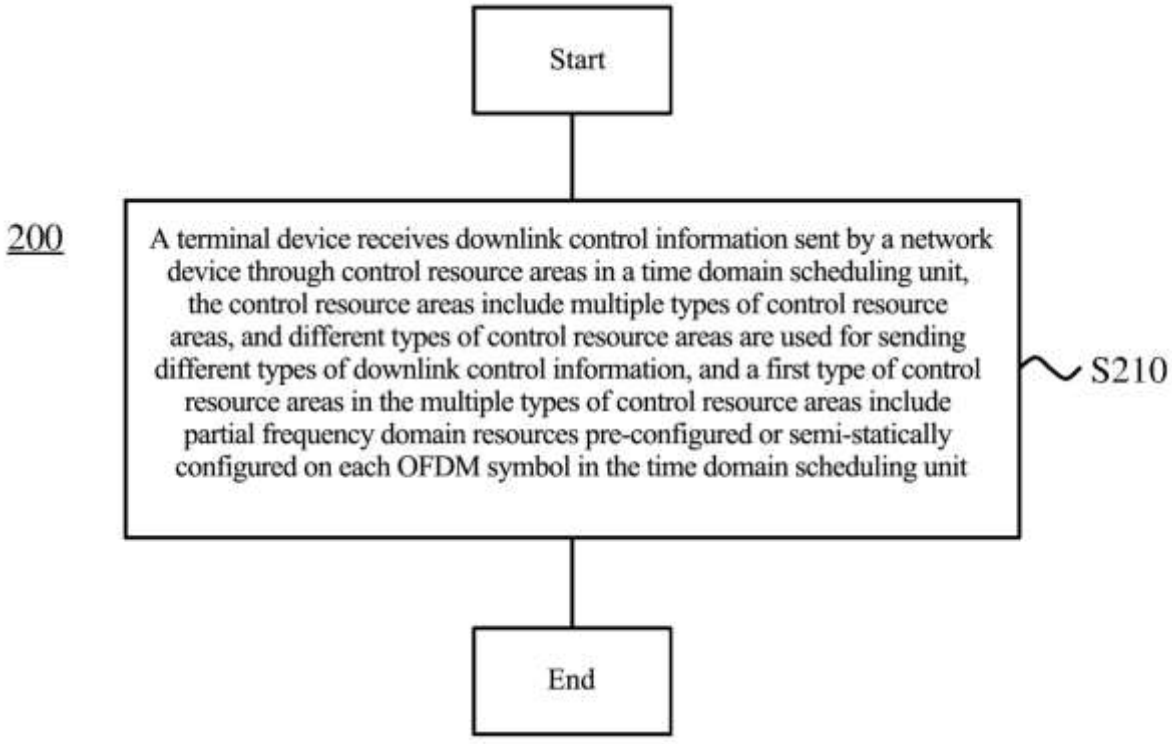
Start
200
A terminal device receives downlink control information sent by a network device through control resource areas in a time domain scheduling unit, the control resource areas include multiple types of control resource areas, and different types of control resource areas are used for sending different types of downlink control information, and a first type of control resource areas in the multiple types of control resource areas include partial frequency domain resources pre-configured or semi-statically configured on each OFDM symbol in the time domain scheduling unit
S210
End

FIG. 8

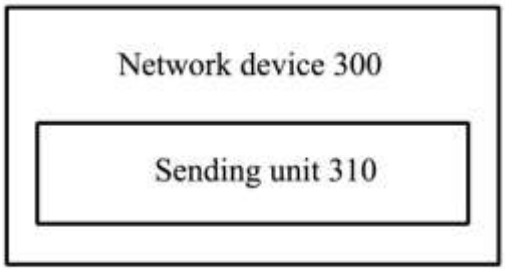

FIG. 9

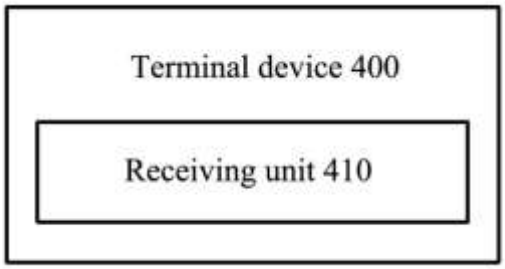

FIG. 10

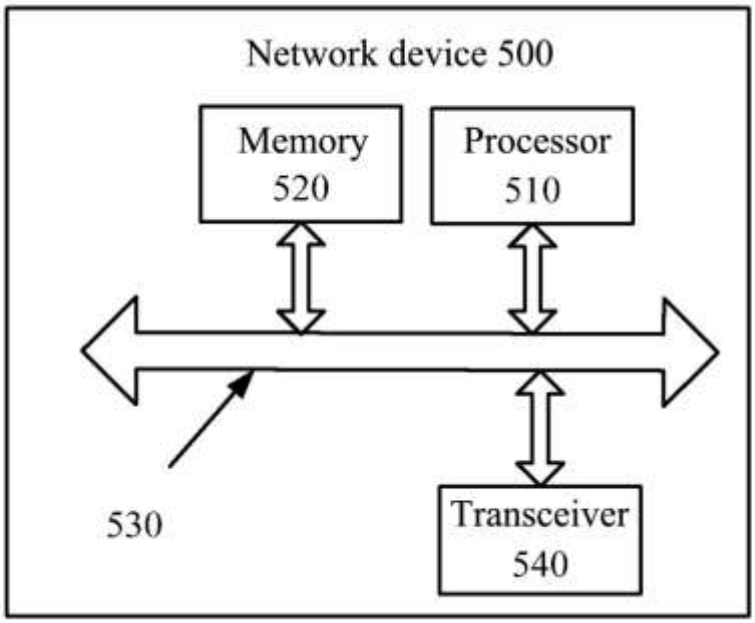

FIG. 11

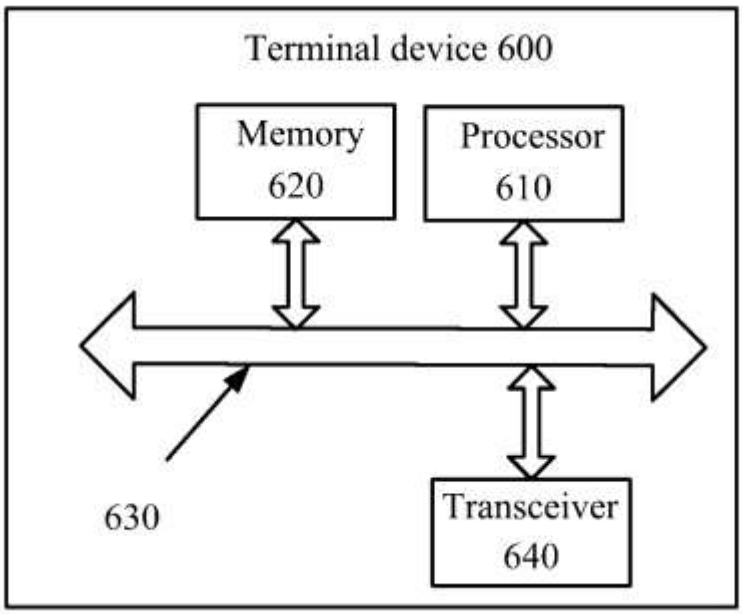
Terminal device 600
Memory
620
Processor
610
630
Transceiver
640

FIG. 12