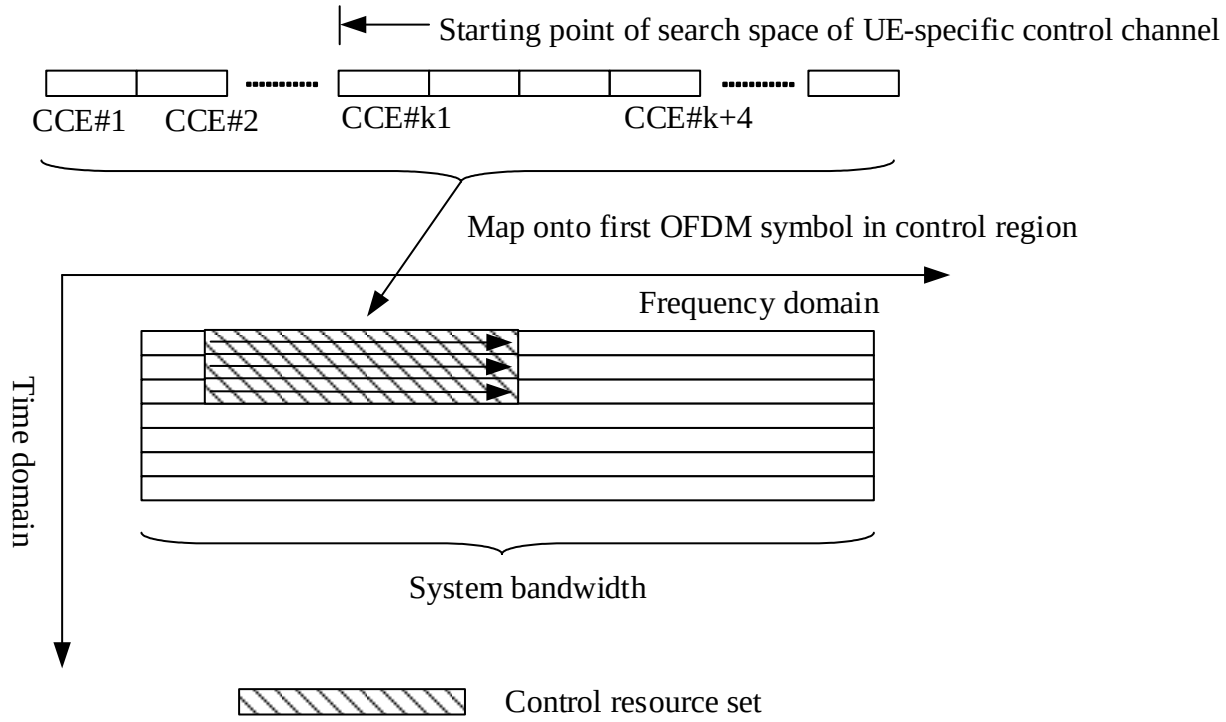
Starting point of search space of UE-specific control channel
CCE#1
CCE#2
CCE#k1
CCE#k+4
Map onto first OFDM symbol in control region
Frequency domain
Time domain
System bandwidth
Control resource set

FIG. 6

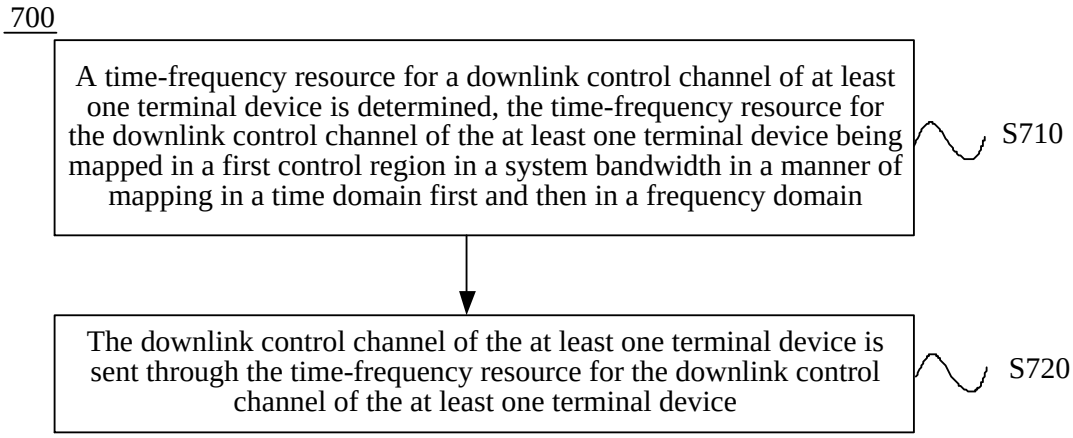
700
A time-frequency resource for a downlink control channel of at least one terminal device is determined, the time-frequency resource for the downlink control channel of the at least one terminal device being mapped in a first control region in a system bandwidth in a manner of mapping in a time domain first and then in a frequency domain
S710
The downlink control channel of the at least one terminal device is sent through the time-frequency resource for the downlink control channel of the at least one terminal device
S720

FIG. 7

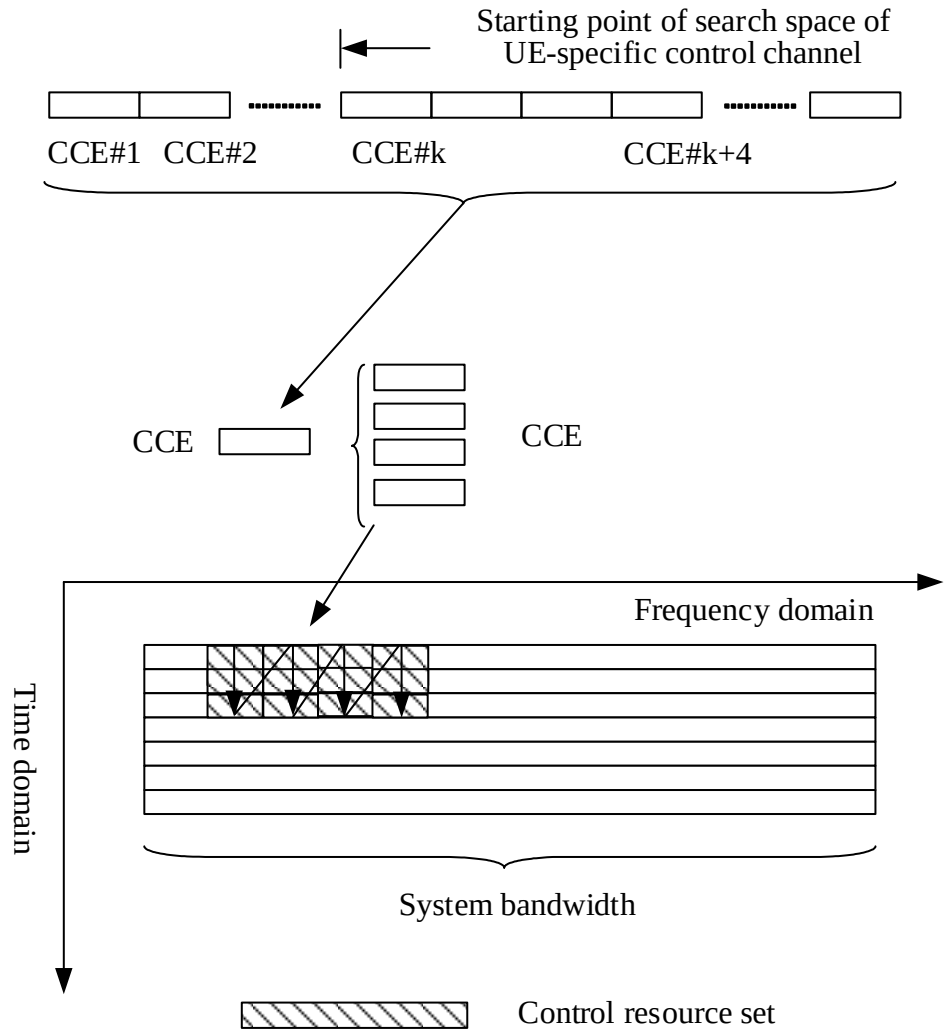
Starting point of search space of UE-specific control channel
CCE#1
CCE#2
CCE#k
CCE#k+4
CCE
CCE
Frequency domain
Time domain
System bandwidth
Control resource set

FIG. 8

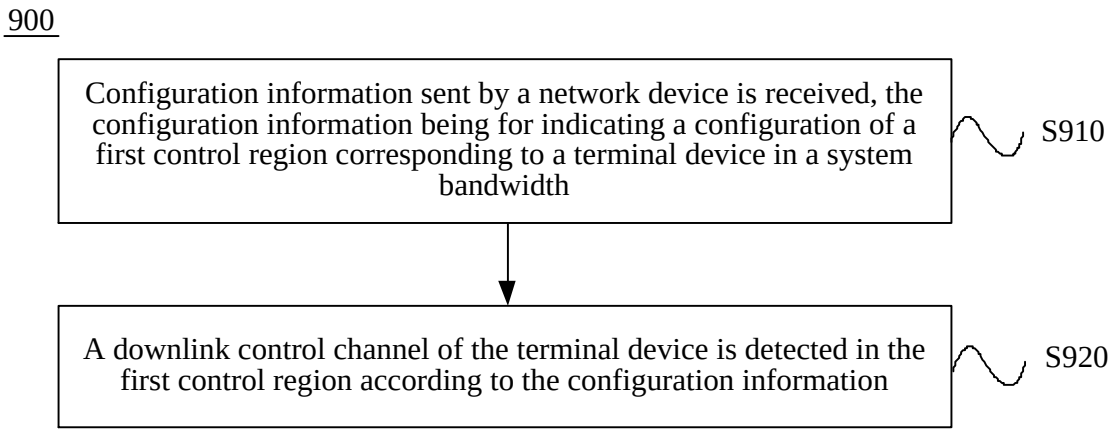
900
Configuration information sent by a network device is received, the configuration information being for indicating a configuration of a first control region corresponding to a terminal device in a system bandwidth
S910
A downlink control channel of the terminal device is detected in the first control region according to the configuration information
S920

FIG. 9