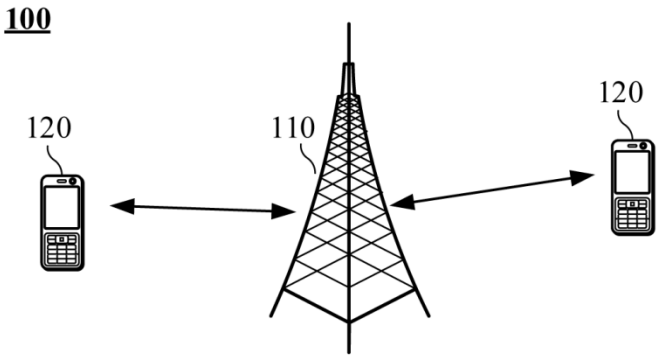
100
120
110
120

FIG. 1

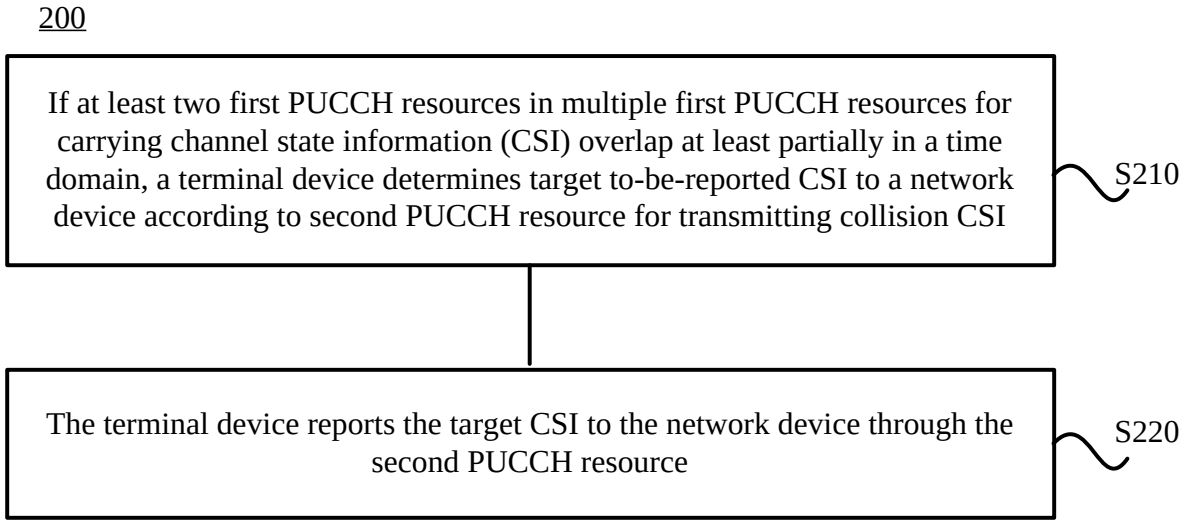
200
If at least two first PUCCH resources in multiple first PUCCH resources for carrying channel state information (CSI) overlap at least partially in a time domain, a terminal device determines target to-be-reported CSI to a network device according to second PUCCH resource for transmitting collision CSI
S210
The terminal device reports the target CSI to the network device through the second PUCCH resource
S220

FIG. 2

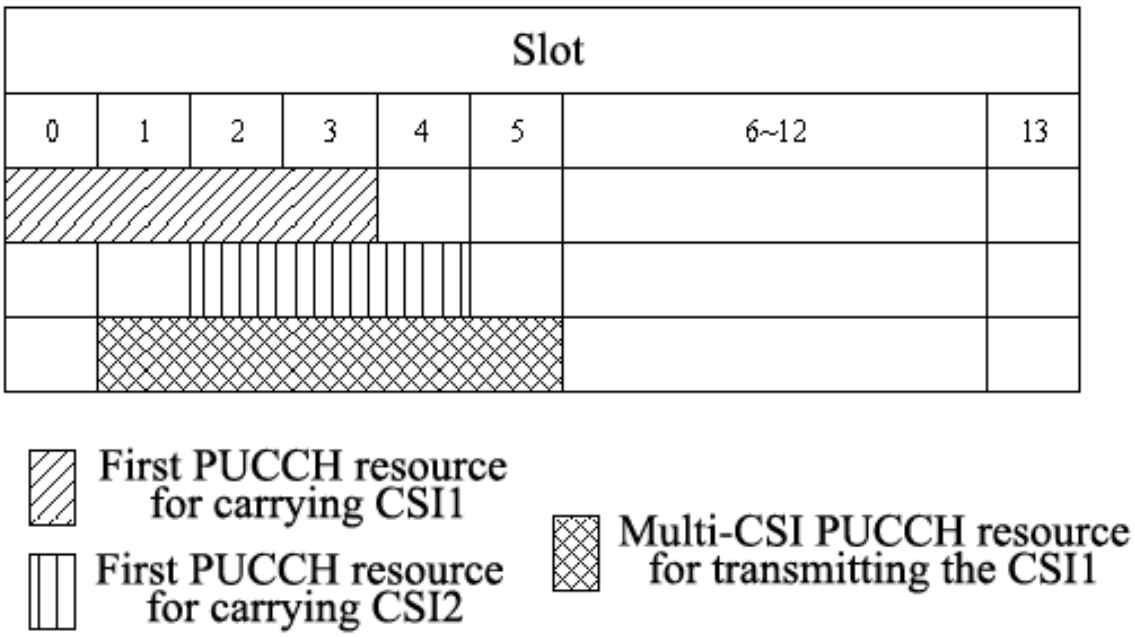
Slot
0
1
2
3
4
5
6~12
13
First PUCCH resource for carrying CSI1
First PUCCH resource for carrying CSI2
Multi-CSI PUCCH resource for transmitting the CSI1

FIG. 3

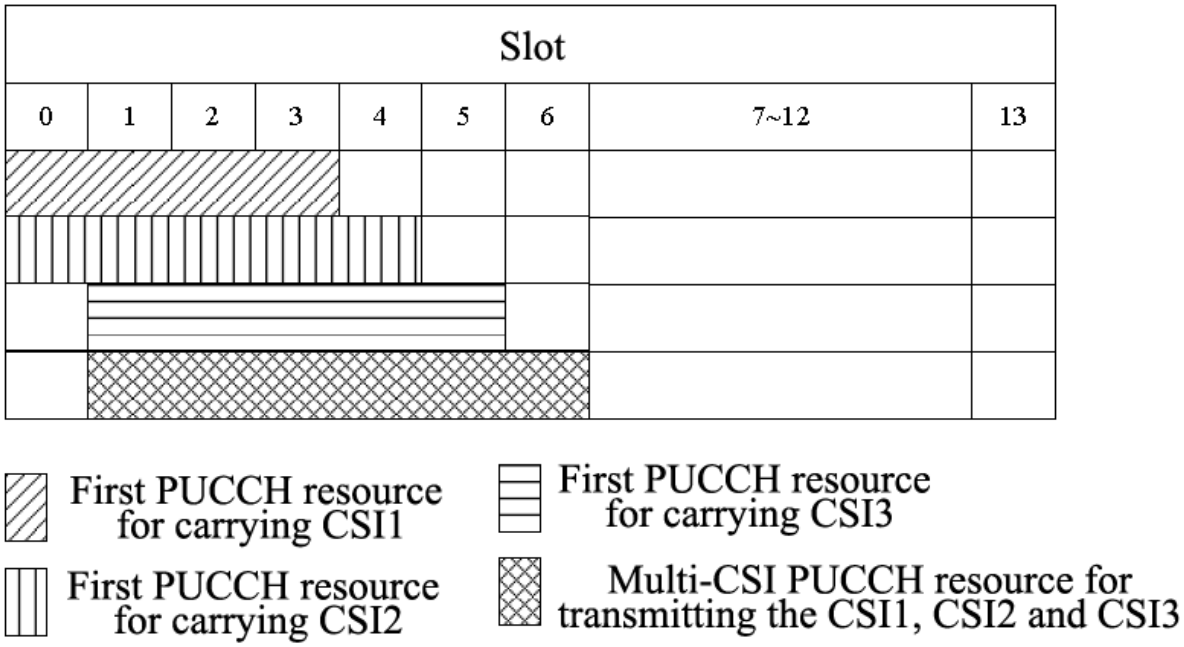
Slot
0
1
2
3
4
5
6
7~12
13
First PUCCH resource for carrying CSI1
First PUCCH resource for carrying CSI2
First PUCCH resource for carrying CSI3
Multi-CSI PUCCH resource for transmitting the CSI1, CSI2 and CSI3

FIG. 4

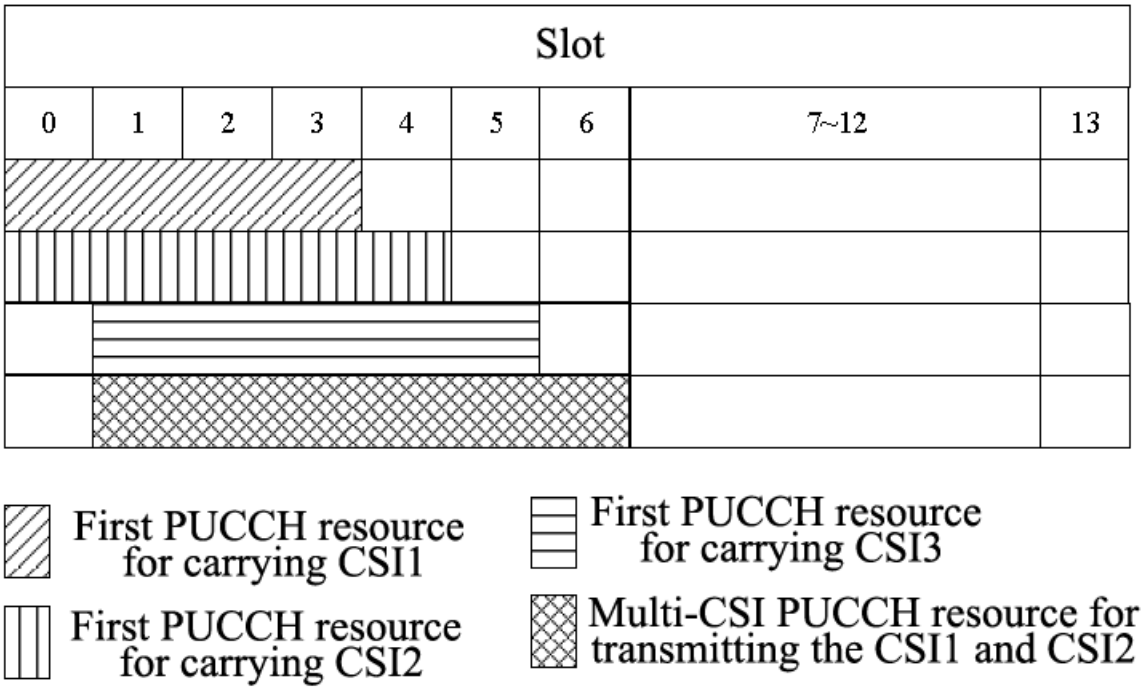
Slot
0
1
2
3
4
5
6
7~12
13
First PUCCH resource for carrying CSI1
First PUCCH resource for carrying CSI2
First PUCCH resource for carrying CSI3
Multi-CSI PUCCH resource for transmitting the CSI1 and CSI2

FIG. 5

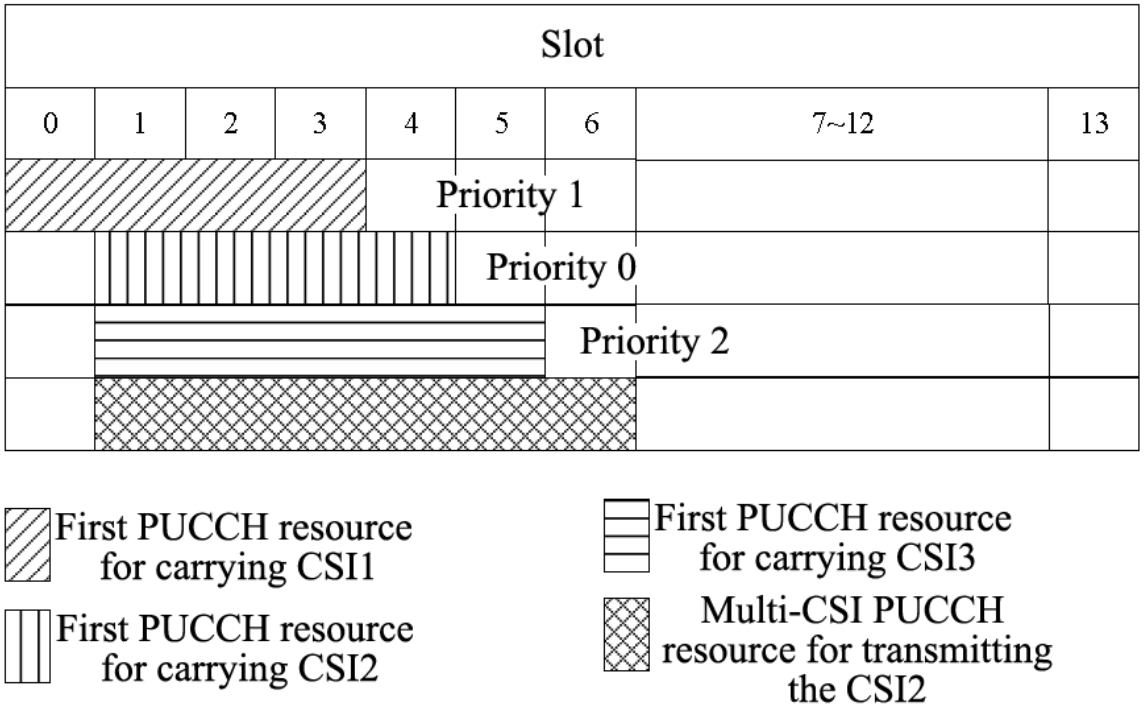
Slot
0
1
2
3
4
5
6
7~12
13
Priority 1
Priority 0
Priority 2
First PUCCH resource for carrying CSI1
First PUCCH resource for carrying CSI2
First PUCCH resource for carrying CSI3
Multi-CSI PUCCH resource for transmitting the CSI2

FIG. 6

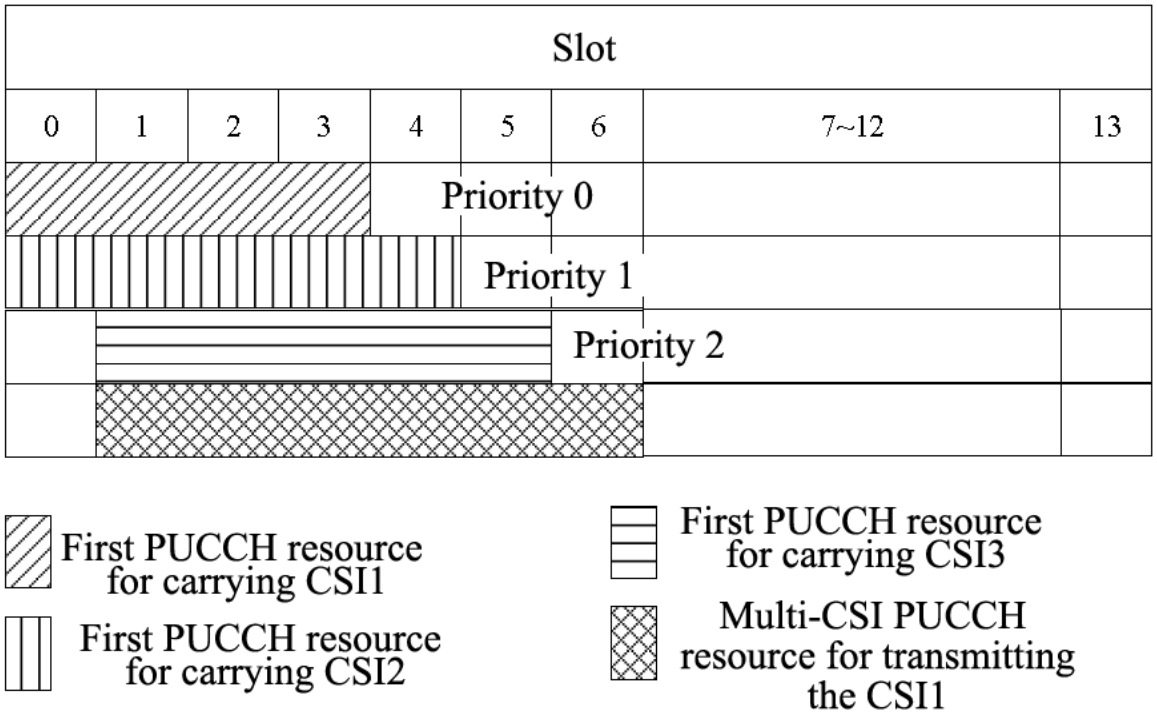
Slot
0
1
2
3
4
5
6
7~12
13
Priority 0
Priority 1
Priority 2
First PUCCH resource for carrying CSI1
First PUCCH resource for carrying CSI2
First PUCCH resource for carrying CSI3
Multi-CSI PUCCH resource for transmitting the CSI1

FIG. 7

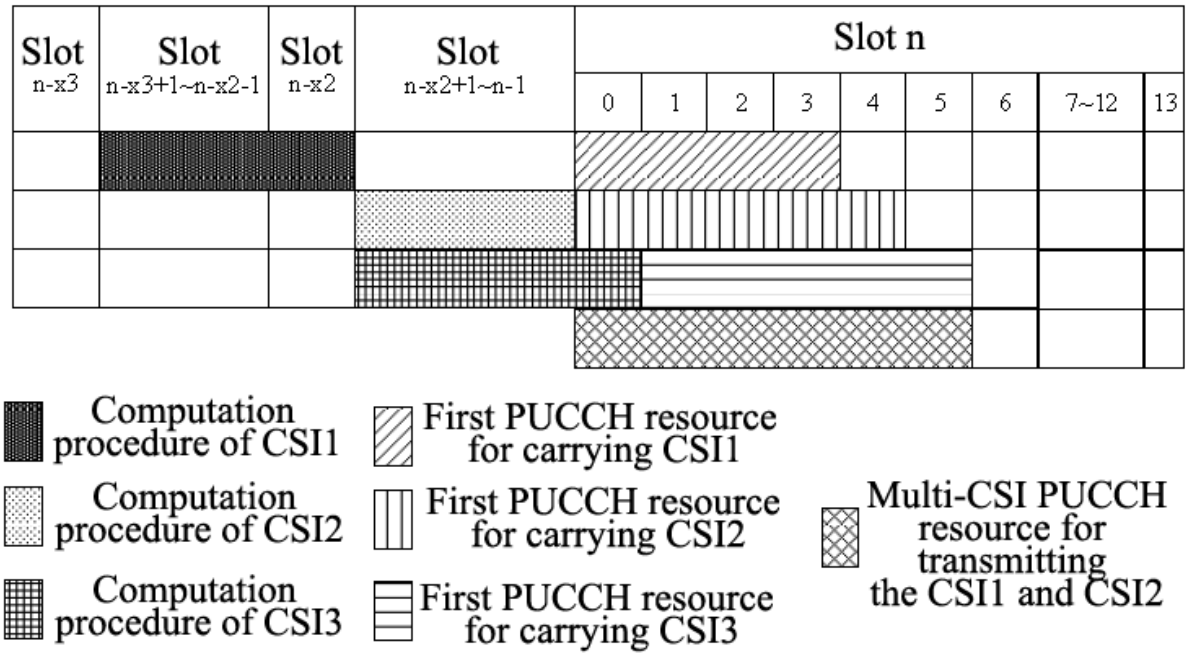
Slot n-x3
Slot n-x3+1~n-x2-1
Slot n-x2
Slot n-x2+1~n-1
Slot n
0
1
2
3
4
5
6
7~12
13
Computation procedure of CSI1
Computation procedure of CSI2
Computation procedure of CSI3
First PUCCH resource for carrying CSI1
First PUCCH resource for carrying CSI2
First PUCCH resource for carrying CSI3
Multi-CSI PUCCH resource for transmitting the CSI1 and CSI2

FIG. 8

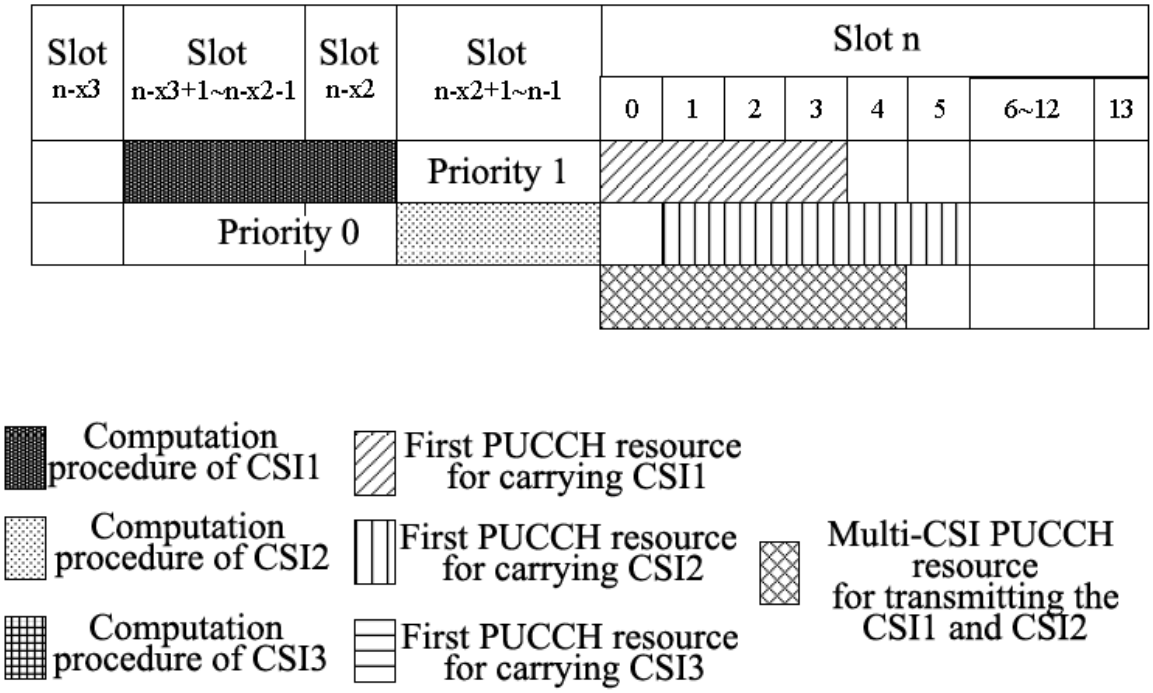
Slot
n-x3
Slot
n-x3+1~n-x2-1
Slot
n-x2
Slot
n-x2+1~n-1
Slot n
0
1
2
3
4
5
6~12
13
Priority 1
Priority 0
Computation procedure of CSI1
First PUCCH resource for carrying CSI1
Computation procedure of CSI2
First PUCCH resource for carrying CSI2
Multi-CSI PUCCH resource for transmitting the CSI1 and CSI2
Computation procedure of CSI3
First PUCCH resource for carrying CSI3

FIG. 9

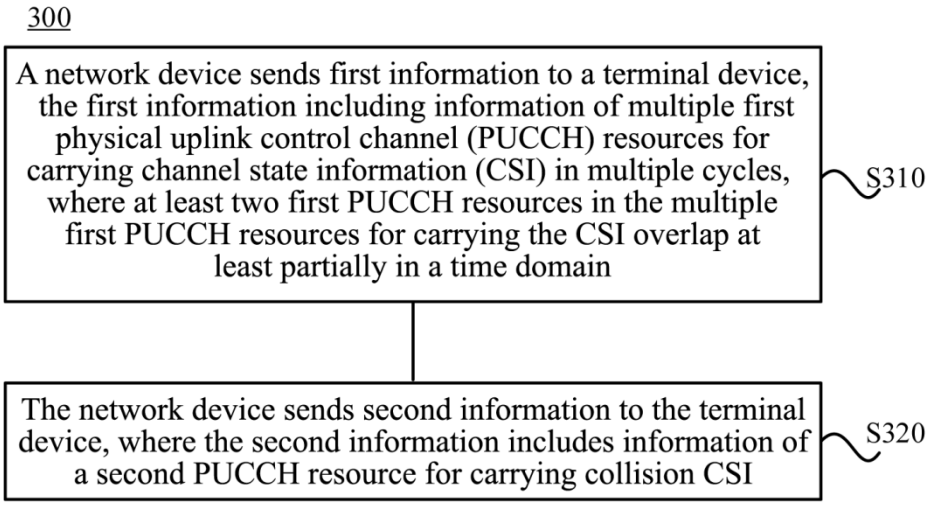
300
A network device sends first information to a terminal device, the first information including information of multiple first physical uplink control channel (PUCCH) resources for carrying channel state information (CSI) in multiple cycles, where at least two first PUCCH resources in the multiple first PUCCH resources for carrying the CSI overlap at least partially in a time domain
S310
The network device sends second information to the terminal device, where the second information includes information of a second PUCCH resource for carrying collision CSI
S320

FIG. 10

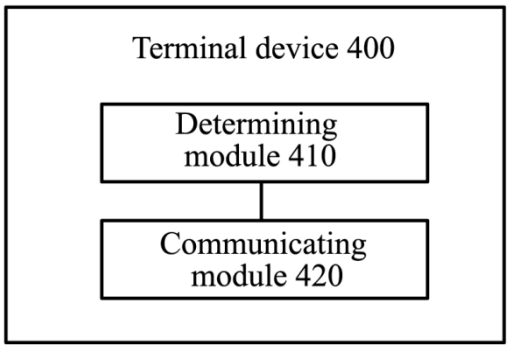

FIG. 11

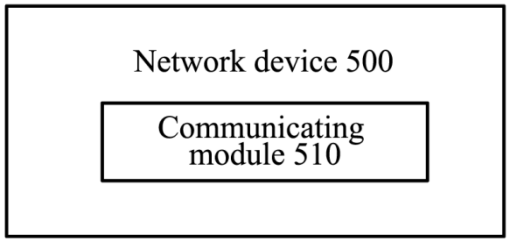

FIG. 12

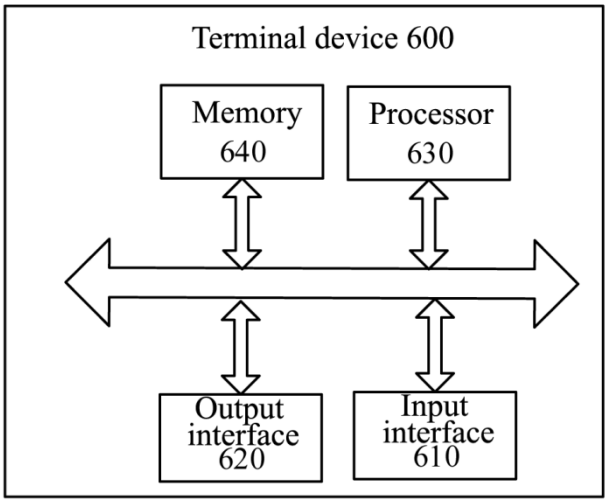

FIG. 13

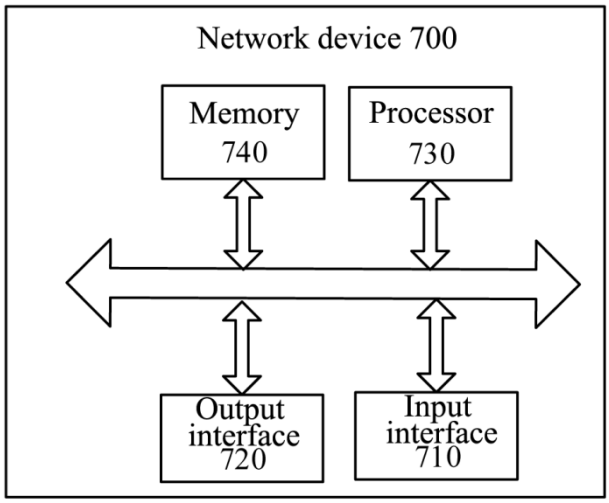
Network device 700
Memory
740
Processor
730
Output
interface
720
Input
interface
710

FIG. 14