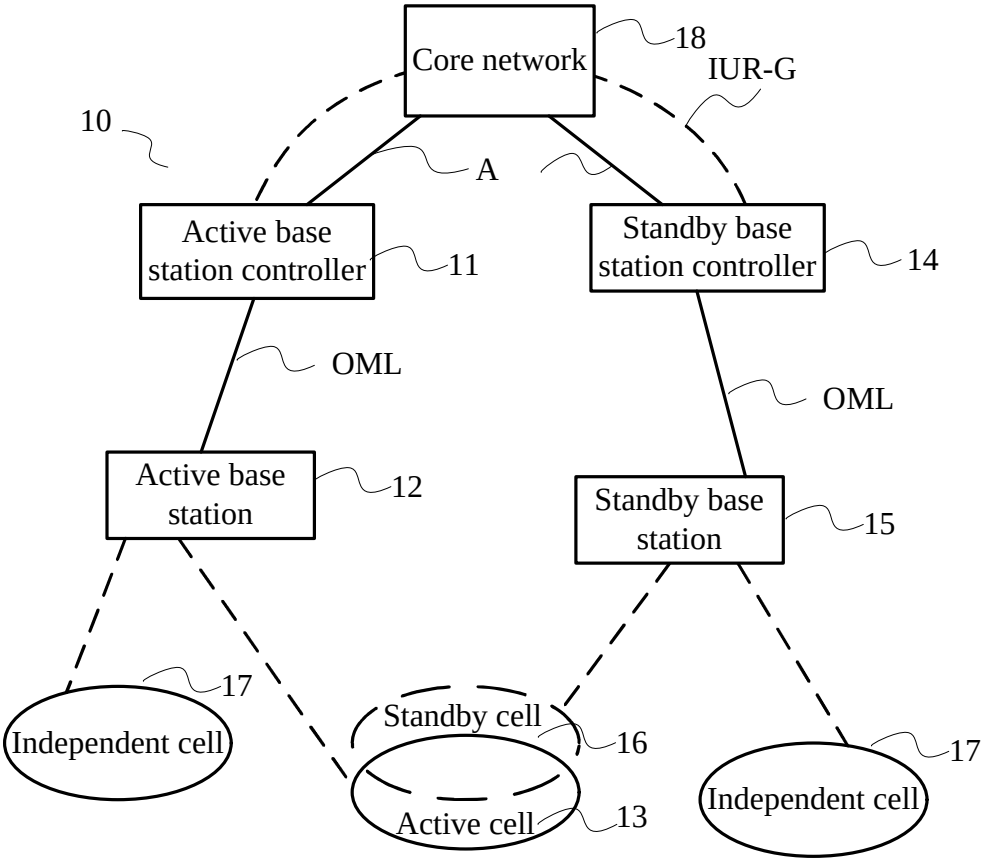
Core network
18
IUR-G
10
A
Active base station controller
11
Standby base station controller
14
OML
OML
Active base station
12
Standby base station
15
17
Independent cell
Standby cell
16
Active cell
13
17
Independent cell

FIG. 1

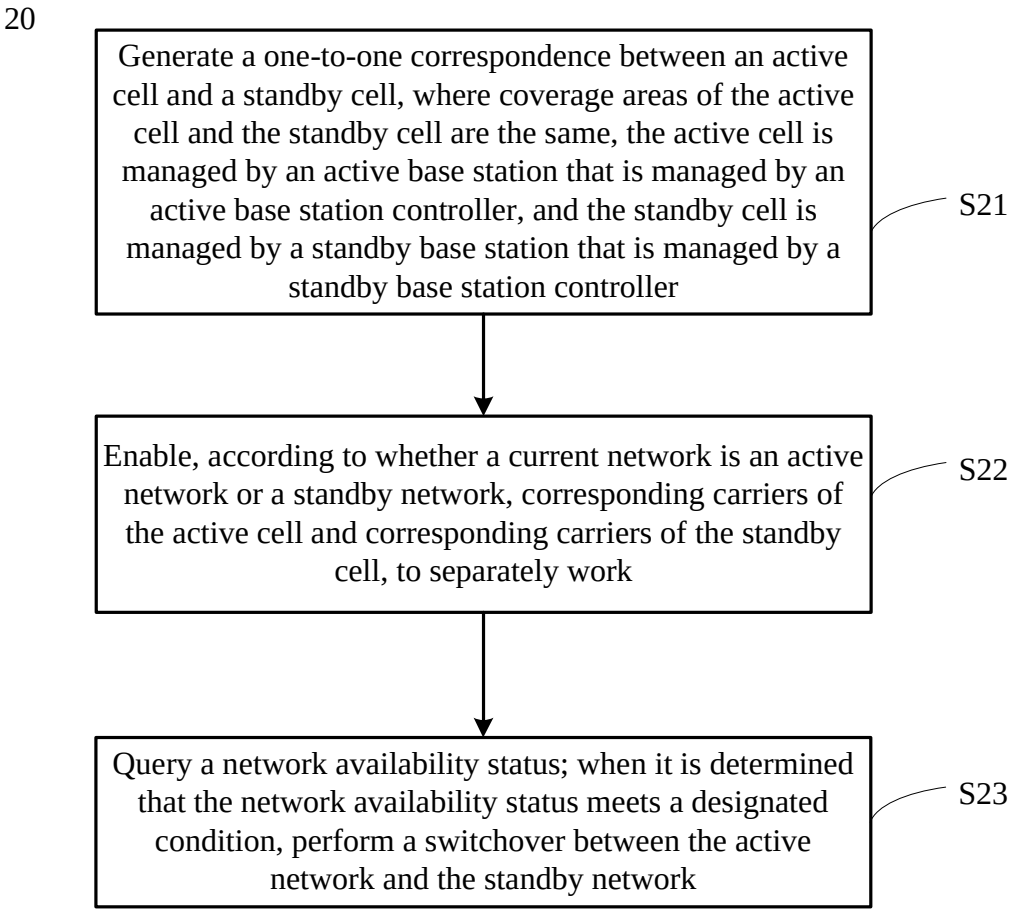
20
Generate a one-to-one correspondence between an active cell and a standby cell, where coverage areas of the active cell and the standby cell are the same, the active cell is managed by an active base station that is managed by an active base station controller, and the standby cell is managed by a standby base station that is managed by a standby base station controller
S21
Enable, according to whether a current network is an active network or a standby network, corresponding carriers of the active cell and corresponding carriers of the standby cell, to separately work
S22
Query a network availability status; when it is determined that the network availability status meets a designated condition, perform a switchover between the active network and the standby network
S23

FIG. 2

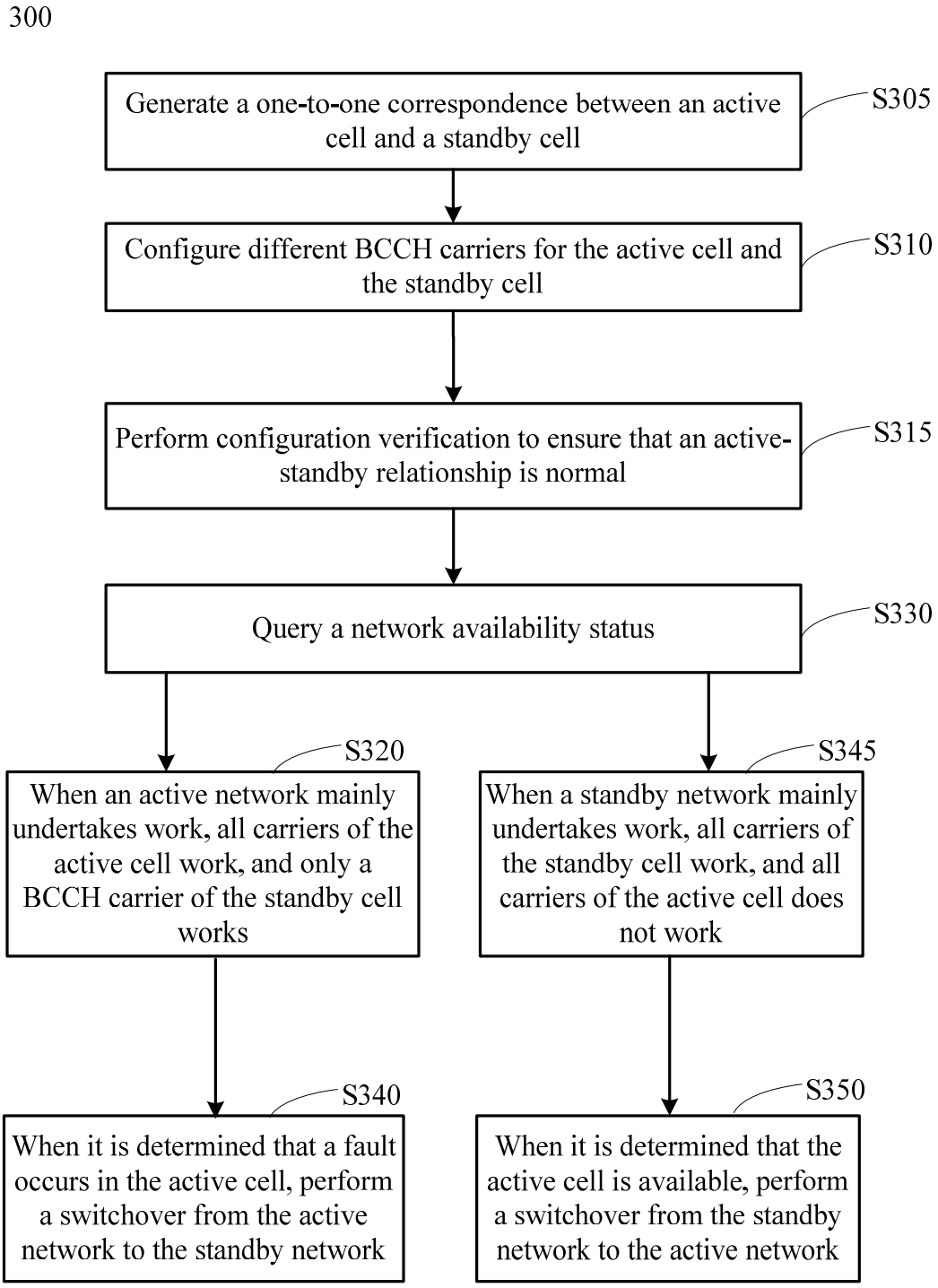
300
Generate a one-to-one correspondence between an active cell and a standby cell
S305
Configure different BCCH carriers for the active cell and the standby cell
S310
Perform configuration verification to ensure that an active-standby relationship is normal
S315
Query a network availability status
S330
S320
When an active network mainly undertakes work, all carriers of the active cell work, and only a BCCH carrier of the standby cell works
S345
When a standby network mainly undertakes work, all carriers of the standby cell work, and all carriers of the active cell does not work
S340
When it is determined that a fault occurs in the active cell, perform a switchover from the active network to the standby network
S350
When it is determined that the active cell is available, perform a switchover from the standby network to the active network

FIG. 3

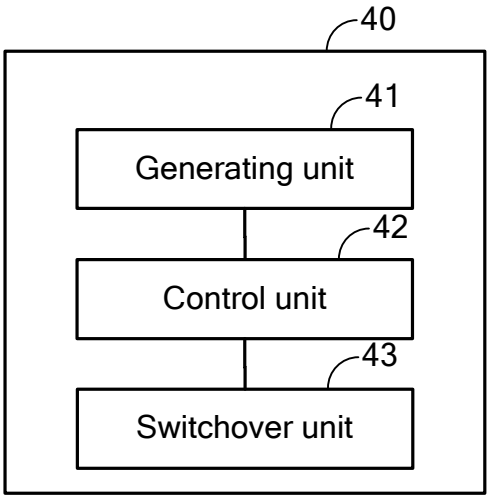
40
41
Generating unit
42
Control unit
43
Switchover unit

FIG. 4

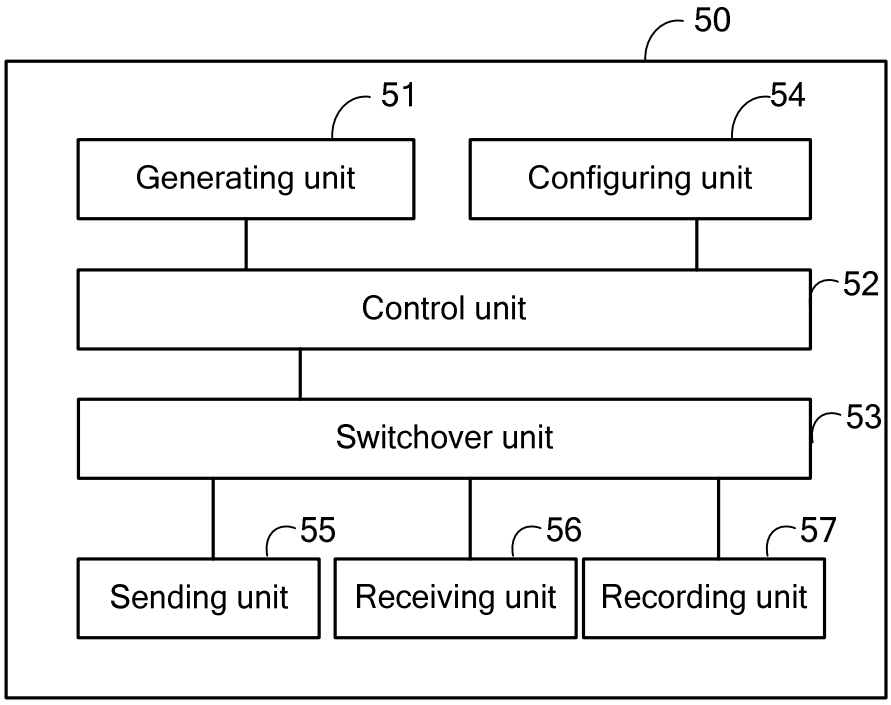
50
51
54
Generating unit
Configuring unit
52
Control unit
53
Switchover unit
55
56
57
Sending unit
Receiving unit
Recording unit

FIG. 5

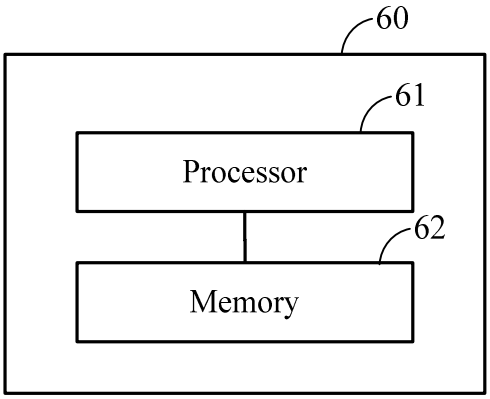

FIG. 6