CLAIMS

1. A communication method, comprising:

sending a synchronization signal and physical broadcast channel block (SSB) signal periodically on at least one candidate cell;

receiving a first measurement result from a terminal device, wherein the first measurement result is generated by measuring the SSB signal;

stopping sending the SSB signal periodically; and

sending first configuration information to the terminal device, wherein the first configuration information comprises identification information of at least one cell, the first configuration information indicates to configure the at least one cell as a secondary cell, and the at least one cell is determined from the at least one candidate cell based on the first measurement result.

2. The communication method according to claim 1, further comprising:

receiving first indication information from the terminal device, wherein the first indication information indicates to send the SSB signal periodically on at least one secondary cell;

sending the SSB signal periodically on the at least one secondary cell based on the first indication information; and

sending second indication information to the terminal device, wherein the second indication information indicates to activate the at least one secondary cell.

3. The communication method according to claim 2, wherein before the sending the second indication information to the terminal device, further comprising:

receiving a second measurement result from the terminal device, wherein the second measurement result is generated by measuring the SSB signal on the at least one secondary cell.

4. The communication method according to claim 1, further comprising:

sending the SSB signal periodically on at least one secondary cell;

sending third indication information to the terminal device, wherein the third indication information indicates the terminal device to receive the SSB signal periodically on the at least one secondary cell; and

sending fourth indication information to the terminal device, wherein the fourth indication information indicates to activate the at least one secondary cell.

5. The communication method according to claim 4, wherein before the sending the fourth indication information to the terminal device, further comprising:

receiving a third measurement result from the terminal device, wherein the third measurement result is generated by measuring the SSB signal on the at least one secondary cell.

6. The communication method according to any one of claims 2 to 5, further comprising:

sending configuration information of the SSB signal on the at least one secondary cell to the terminal device.

7. The communication method according to claim 6, wherein the configuration information of the SSB signal on the at least one secondary cell and the first configuration information are carried in a same message.

8. A communication method, comprising:

receiving a synchronization signal and physical broadcast channel block (SSB) signal periodically on at least one candidate cell;

sending a first measurement result to a network device, wherein the first measurement result is generated by measuring the SSB signal;

stopping receiving the SSB signal periodically; and

receiving first configuration information from the network device, wherein the first configuration information comprises identification information of at least one cell, the first configuration information indicates to configure the at least one cell as a secondary cell, and the at least one cell is determined from the at least one candidate cell based on the first measurement result.

9. The communication method according to claim 8, further comprising:

sending first indication information to the network device, wherein the first indication information indicates the network device to send the SSB signal periodically on at least one secondary cell;

receiving the SSB signal periodically on the at least one secondary cell based on the first indication information; and

receiving second indication information from the network device, wherein the second indication information indicates to activate the at least one secondary cell.

10. The communication method according to claim 9, wherein before the receiving the second indication information from the network device, further comprising:

sending a second measurement result to the network device, wherein the second measurement result is generated by measuring the SSB signal on the at least one secondary cell.

11. The communication method according to claim 8, further comprising:

receiving third indication information from the network device, wherein the third indication information indicates to receive the SSB signal on at least one secondary cell;

receiving the SSB signal periodically on the at least one secondary cell based on the third indication information; and

receiving fourth indication information from the network device, wherein the fourth indication information indicates to activate the at least one secondary cell.

12. The communication method according to claim 11, wherein before the receiving the fourth indication information from the network device, further comprising:

sending a third measurement result to the network device, wherein the third measurement result is generated by measuring the SSB signal on the at least one secondary cell.

13. The communication method according to any one of claims 9 to 12, further comprising:

receiving configuration information of the SSB signal on the at least one secondary cell from the network device.

14. The communication method according to claim 13, wherein the configuration information of the SSB signal on the at least one secondary cell and the first configuration information are carried in a same message.

15. A communication apparatus, comprising a module or a unit configured to perform the method according to any one of claims 1 to 7, or comprising a module or a unit configured to perform the method according to any one of claims 8 to 14.16. A communication apparatus, comprising a processor and an interface circuit, wherein the interface circuit is configured to receive a signal from a communication apparatus other than the communication apparatus and transmit the signal to the processor, or send a signal from the processor to a communication apparatus other than the communication apparatus; and the processor is configured to implement the method according to any one of claims 1 to 7 by using a logic circuit or by executing code instructions; or the processor is configured to implement the method according to any one of claims 8 to 14 by using a logic circuit or by executing code instructions.

17. A computer-readable storage medium, wherein the storage medium stores a computer program or instructions, and when the computer program or the instructions are executed by a communication apparatus, the method according to any one of claims 1 to 7 is implemented, or the method according to any one of claims 8 to 14 is implemented.

18. A computer program product, comprising a computer program, wherein when the computer program is run, the method according to any one of claims 1 to 7 is implemented, or the method according to any one of claims 8 to 14 is implemented.