

What is claimed is:

1. A random access method for a User Equipment (UE), comprising:
initiating random access on one or more Synchronization Signal (SS) blocks; and
sending random access information on each SS block to a network side device.
2. The random access method according to claim 1, wherein the sending the random access information on each SS block to the network side device comprises:
sending an SS block index to the network side device.
3. The random access method according to claim 1, wherein the sending the random access information on each SS block to the network side device comprises:
sending the number of preambles sent on each SS block to the network side device.
4. The random access method according to claim 3, wherein the number of preambles sent on each SS block comprises the number of preambles sent on each unsuccessfully-accessed SS block and/or the number of preambles sent on a successfully-accessed SS block.
5. The random access method according to claim 1, wherein the sending the random access information on each SS block to the network side device comprises:
sending information about a time-frequency resource for the random access on each SS block to the network side device.
6. The random access method according to claim 5, wherein the information about the time-frequency resource comprises an index with which the time-frequency resource is associated.
7. A random access method for a network side device, comprising:
receiving random access information on each of one or more Synchronization Signal (SS) blocks from a User Equipment (UE).

8. The random access method according to claim 7, wherein the receiving the random access information on each SS block from the UE comprises:

receiving the number of preambles sent on each SS block from the UE.

9. The random access method according to claim 8, wherein the number of preambles sent on each SS block comprises the number of preambles sent on each unsuccessfully-accessed SS block and/or the number of preambles sent on a successfully-accessed SS block.

10. The random access method according to claim 7, wherein the receiving the random access information on each SS block from the UE comprises:

receiving information about a time-frequency resource for random access on each SS block from the UE,

wherein the information about the time-frequency resource comprises an index with which the time-frequency resource is associated.

11. A User Equipment (UE), comprising:

a first processor and a first transceiver, wherein the first processor is configured to initiate random access on one or more Synchronization Signal (SS) blocks, and the first transceiver is configured to send random access information on each SS block to a network side device.

12. The UE according to claim 11, wherein the first transceiver is further configured to: send an SS block index to the network side device.

13. The UE according to claim 11, wherein the first transceiver is further configured to: send the number of preambles sent on each SS block to the network side device,

wherein the number of preambles sent on each SS block comprises the number of preambles sent on each unsuccessfully-accessed SS block and/or the number of preambles sent on a successfully-accessed SS block.

14. The UE according to claim 11, wherein the first transceiver is further configured to:
send information about a time-frequency resource for the random access on each SS block to the network side device,
wherein the information about the time-frequency resource comprises an index with which the time-frequency resource is associated.

15. A network side device, comprising:
a second processor and a second transceiver, wherein the second transceiver is configured to receive random access information on each of one or more Synchronization Signal (SS) blocks from a User Equipment (UE).