

CLAIMS

1. A communication method, comprising:

5 receiving, by a terminal, first indication information transmitted by a network device, the first indication information being used to indicate a first resource; and

 transmitting, by the terminal, an uplink channel or an uplink signal to the network device on a third resource, the third resource being a resource within a second resource and non-overlapped with the first resource;

10 wherein the transmitting, by the terminal, the uplink channel or the uplink signal to the network device on the third resource comprises:

 determining, by the terminal, a second number of first resource units in the second resource, the first resource units being resource units in the second resource and non-overlapped with the first resource;

15 performing, by the terminal, rate matching for the uplink channel or the uplink signal according to the second number, to obtain an output sequence having a length of a second bit number, the second bit number being determined by the terminal according to the second number;

 modulating, by the terminal, the output sequence, to obtain the second number
20 of modulated symbols; and

 mapping, by the terminal, the second number of modulated symbols to the second number of first resource units.

2. The communication method of claim 1, wherein the first indication information is
25 used to indicate at least one of the following: a time domain position of the first resource, or a frequency domain position of the first resource.

3. The communication method of claim 1, wherein the receiving, by the terminal, the first indication information transmitted by the network device comprises:

30 receiving, by the terminal, downlink control information transmitted by the network device,

 wherein the downlink control information carries the first indication information.

4. The communication method of any one of claims 1-3, wherein the first resource is a resource used by the terminal or other terminals to transmit an uplink control channel, an uplink sounding signal, or a random access channel, and the uplink channel
5 comprises an uplink shared channel.

5. The method of claim 3, wherein the downlink control information further carries second indication information; and the second indication information is used to instruct the terminal to transmit the uplink channel or the uplink signal.

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6. A terminal, comprising:

a receiving module, configured to receive first indication information transmitted by a network device, the first indication information being used to indicate a first resource; and

15 a transmitting module, configured to transmit an uplink channel or an uplink signal to the network device on a third resource, the third resource being a resource in a second resource and non-overlapped with the first resource;

wherein the transmitting module is configured to:

20 determine a second number of first resource units in the second resource, the first resource units being resource units in the second resource and non-overlapped with the first resource;

perform rate matching for the uplink channel or the uplink signal according to the second number, to obtain an output sequence having a length of a second bit number, the second bit number being determined by the terminal according to the second number;

25 modulate the output sequence, to obtain the second number of modulated symbols; and

map the second number of modulated symbols to the second number of first resource units.

30 7. The terminal of claim 6, wherein the first indication information is used to indicate at least one of the following: a time domain position of the first resource, or a frequency domain position of the first resource.

8. The terminal of claim 6, wherein the receiving module is configured to receive downlink control information transmitted by the network device,

wherein the downlink control information carries the first indication information.

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9. The terminal of any one of claims 6-8, wherein the first resource is a resource used by the terminal or other terminals to transmit an uplink control channel, an uplink sounding signal, or a random access channel, and the uplink channel comprises an uplink shared channel.

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10. The terminal of claim 8, wherein the downlink control information further carries second indication information; and the second indication information is used to instruct the terminal to transmit the uplink channel or the uplink signal.

15 11. A network device, comprising:

a transmitting module, configured to transmit first indication information to a terminal, the first indication information being used to indicate a first resource; and

a receiving module, configured to receive an uplink channel or an uplink signal transmitted by the terminal on a third resource, the third resource being a resource within a second resource and non-overlapped with the first resource;

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wherein the receiving module is configured to:

acquire modulated symbols corresponding to the uplink channel on first resource units in resource units comprised in the second resource,

wherein the number of the modulated symbols is equal to the number of the first resource units comprised in the second resource, and the first resource units are resource units in the second resource and non-overlapped with the first resource.

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12. The network device of claim 11, wherein the first indication information is used to indicate at least one of the following: a time domain position of the first resource, or a frequency domain position of the first resource.

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13. The network device of claim 11 or 12, wherein the first resource is a resource used by the terminal or other terminals to transmit an uplink control channel, an uplink

sounding signal, or a random access channel, and the uplink channel comprises an uplink shared channel.