CLAIMS

1. A communication method, applied to a first terminal, the method comprising:

when an instruction for instructing transmitting user data via a direct communication connection is received, acquiring user verification information (S301), the user verification information comprising verification data input through the first terminal;

sending the user verification information to a second terminal (S302);

when verification success information is received from the second terminal, establishing a first direct communication connection with the second terminal (S303); and

sending the user data to the second terminal via the first direct communication connection (S304).

2. The communication method as claimed in claim 1, further comprising:

establishing a second direct communication connection with the second terminal, wherein

the first terminal transmits the user verification information to the second terminal via the second direct communication connection, receives the verification success information from the second terminal via the second direct communication connection, and transmits, via the second direct communication connection, at least one connection parameter for establishing the first direct communication connection between the first terminal and the second terminal.

3. The communication method as claimed in claim 1 or 2, wherein acquiring the user verification information when the instruction for instructing transmitting the user data via the direct communication connection is received comprises:

when the instruction for instructing transmitting the user data via the direct communication connection is received, determining a security transmission rule, the security transmission rule being preset for the second terminal; and

when the security transmission rule indicates that an identity of a user of the first terminal is required to be verified, acquiring the verification data.

4. The communication method as claimed in any one of claims 1-3, wherein the user verification information further comprises an identifier of the first terminal.

5. The communication method as claimed in claim 3, wherein acquiring the verification data comprises:

invoking a fingerprint acquisition interface of the first terminal to acquire a fingerprint as the verification data.

6. The communication method as claimed in claim 2, wherein the first direct communication connection is a Wi-Fi hotspot communication connection established between the first terminal and the second terminal, and the second direct communication connection is a Blue-tooth communication connection or Near Field Communication, NFC, connection established between the first terminal and the second terminal.

7. The communication method as claimed in claim 6, further comprising:

determining, by the first terminal, whether its own power is less than a preset threshold; and

when the power of the first terminal is less than the preset threshold, establishing the second direct communication connection with the second terminal.

8. The communication method as claimed in claim 7, further comprising:

when the power of the first terminal is less than the present threshold, establishing directly the first direct communication connection with the second terminal without establishing the second direct communication connection.

9. A communication method, applied to a second terminal, the method comprising:

establishing a second direct communication connection with a first terminal (S501);

receiving user verification information from the first terminal via the second direct communication connection, and verifying the user verification information (S502);

when verification succeeds, responding to the first terminal with verification

success information via the second direct communication connection, and establishing a first direct communication connection with the first terminal (S503); and

receiving user data sent by the first terminal via the first direct communication connection (S504).

10. The communication method as claimed in claim 9, wherein the method further comprises: before receiving the user verification information from the first terminal via the second direct communication connection, acquiring and storing authentication information of a user of the first terminal,

and wherein the verifying the user verification information comprises: matching the authentication information with the verification data contained in the user verification information received from the first terminal, and determining whether the verification successes according to a result of the matching,

wherein the authentication information is a fingerprint of a user of the first terminal, and the verification data is fingerprint data.

11. The communication method as claimed in claim 9 or 10, wherein establishing the first direct communication connection with the first terminal comprises:

transmitting, via the second direct communication connection, at least one connection parameter for establishing the first direct communication connection between the first terminal and the second terminal; and

establishing the first direct communication connection with the first terminal according to the at least one connection parameter.

12. The communication method as claimed in claim 10, wherein the user verification information further comprises an identifier of the first terminal,

the matching the authentication information with the verification data contained in the user verification information received from the first terminal comprises: comparing a correspondence between the identifier of the first terminal and the verification data, which are received from the first terminal, with a correspondence between the identifier of the first terminal and the authentication information, which are pre-stored in the second terminal.

13. The communication method as claimed in any one of claims 9-12, wherein the first direct communication connection is a Wi-Fi hotspot communication connection established between the first terminal and the second terminal, and the second direct communication connection is a Blue-tooth communication connection or Near Field Communication, NFC, connection established between the first terminal and the second terminal.

14. A communication device, applied to a first terminal, the device comprising:

an acquisition module (701) configured to acquire, when an instruction for instructing transmitting user data via a direct communication connection is received, user verification information, the user verification information comprising verification data input through the first terminal;

a first sending module (702) configured to send the user verification information to a second terminal;

a connection module (703) configured to establish, when verification success information is received from the second terminal, a first direct communication connection with the second terminal; and

a second sending module (704) configured to send the user data to the second terminal via the first direct communication connection.

15. A communication device, applied to a second terminal, the device comprising:

a first connection module (801) configured for establish a second direct communication connection with a first terminal;

a verification module (802) configured to receive user verification information from the first terminal via the second direct communication connection, and verifying the user verification information;

a second connection module (803) configured to respond, when verification succeeds, to the first terminal with verification success information via the second direct communication connection, and establish a first direct communication connection with the first terminal; and

a receiving module (804) configured to receive user data from the first terminal via the first direct communication connection.