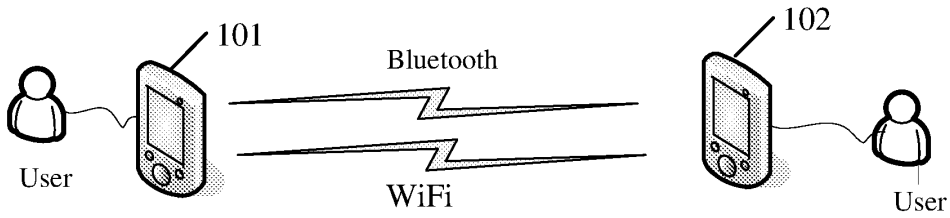

FIG. 1

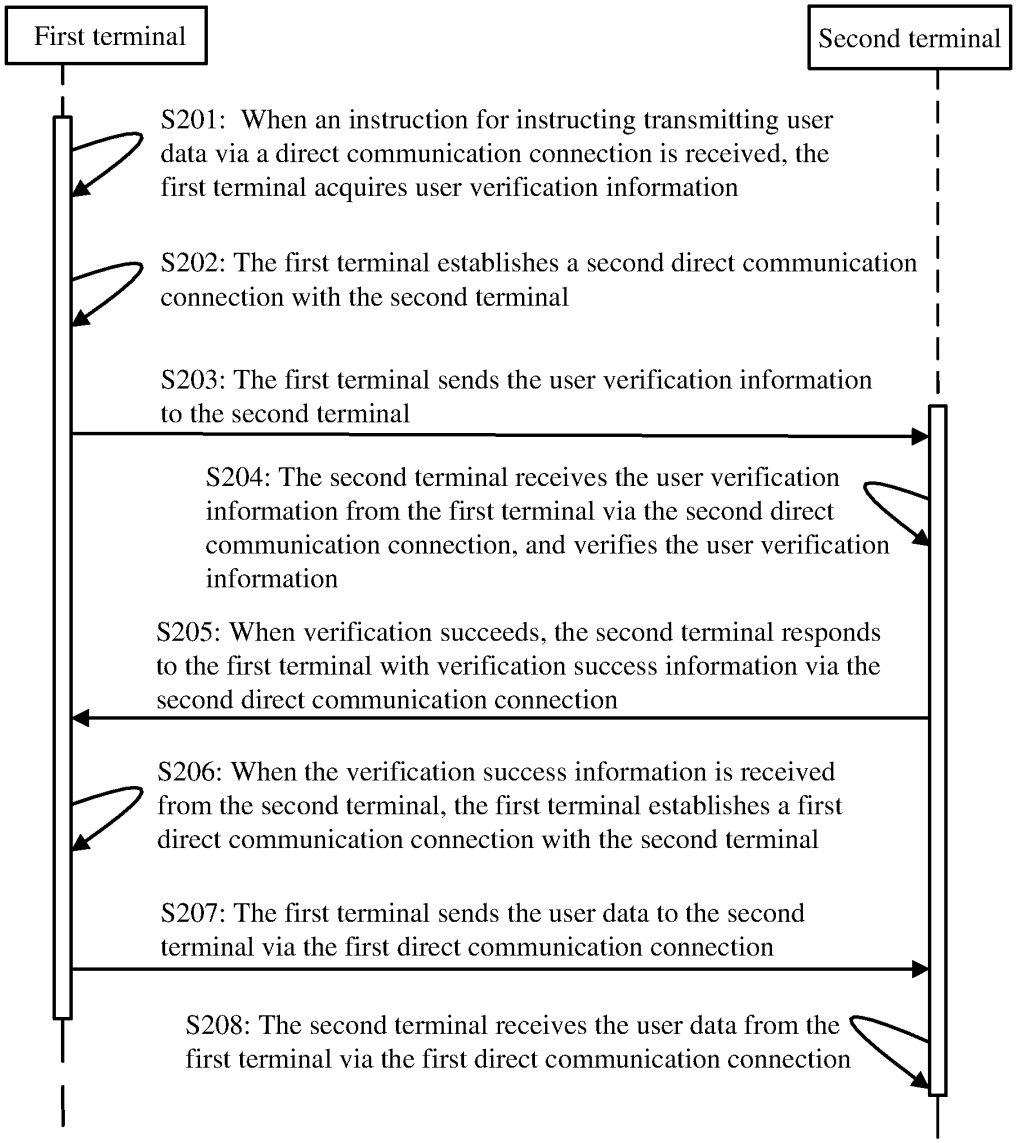
First terminal
Second terminal
S201: When an instruction for instructing transmitting user data via a direct communication connection is received, the first terminal acquires user verification information
S202: The first terminal establishes a second direct communication connection with the second terminal
S203: The first terminal sends the user verification information to the second terminal
S204: The second terminal receives the user verification information from the first terminal via the second direct communication connection, and verifies the user verification information
S205: When verification succeeds, the second terminal responds to the first terminal with verification success information via the second direct communication connection
S206: When the verification success information is received from the second terminal, the first terminal establishes a first direct communication connection with the second terminal
S207: The first terminal sends the user data to the second terminal via the first direct communication connection
S208: The second terminal receives the user data from the first terminal via the first direct communication connection

FIG. 2

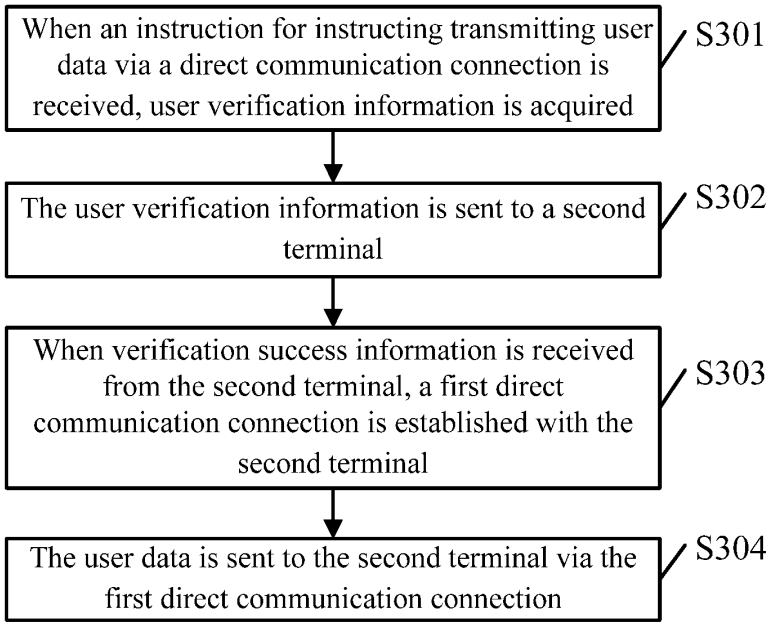
When an instruction for instructing transmitting user data via a direct communication connection is received, user verification information is acquired
S301
The user verification information is sent to a second terminal
S302
When verification success information is received from the second terminal, a first direct communication connection is established with the second terminal
S303
The user data is sent to the second terminal via the first direct communication connection
S304

FIG. 3

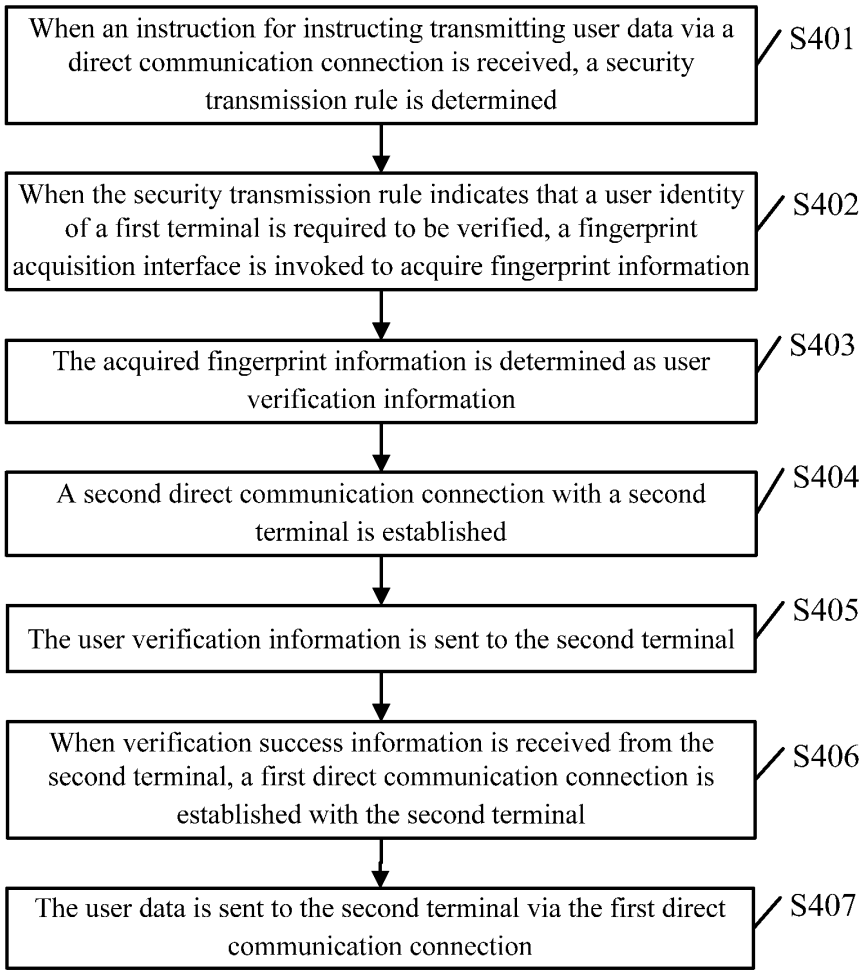
When an instruction for instructing transmitting user data via a direct communication connection is received, a security transmission rule is determined
S401
When the security transmission rule indicates that a user identity of a first terminal is required to be verified, a fingerprint acquisition interface is invoked to acquire fingerprint information
S402
The acquired fingerprint information is determined as user verification information
S403
A second direct communication connection with a second terminal is established
S404
The user verification information is sent to the second terminal
S405
When verification success information is received from the second terminal, a first direct communication connection is established with the second terminal
S406
The user data is sent to the second terminal via the first direct communication connection
S407

FIG. 4

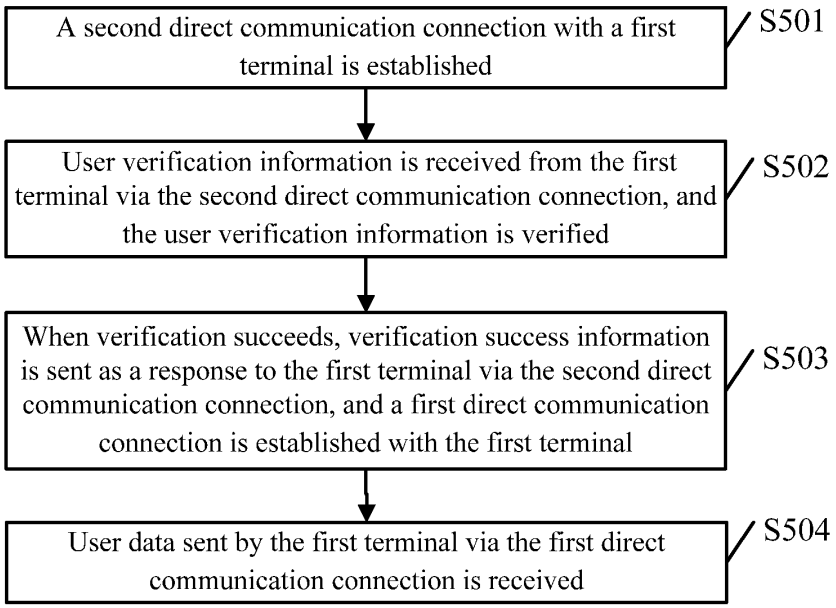
A second direct communication connection with a first terminal is established
S501
User verification information is received from the first terminal via the second direct communication connection, and the user verification information is verified
S502
When verification succeeds, verification success information is sent as a response to the first terminal via the second direct communication connection, and a first direct communication connection is established with the first terminal
S503
User data sent by the first terminal via the first direct communication connection is received
S504

FIG. 5

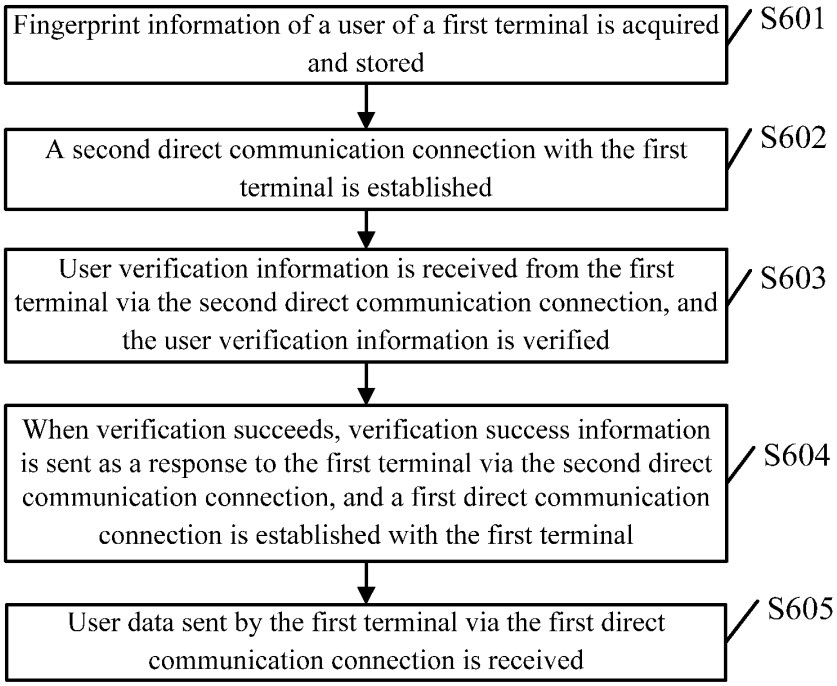
Fingerprint information of a user of a first terminal is acquired and stored
S601
A second direct communication connection with the first terminal is established
S602
User verification information is received from the first terminal via the second direct communication connection, and the user verification information is verified
S603
When verification succeeds, verification success information is sent as a response to the first terminal via the second direct communication connection, and a first direct communication connection is established with the first terminal
S604
User data sent by the first terminal via the first direct communication connection is received
S605

FIG. 6

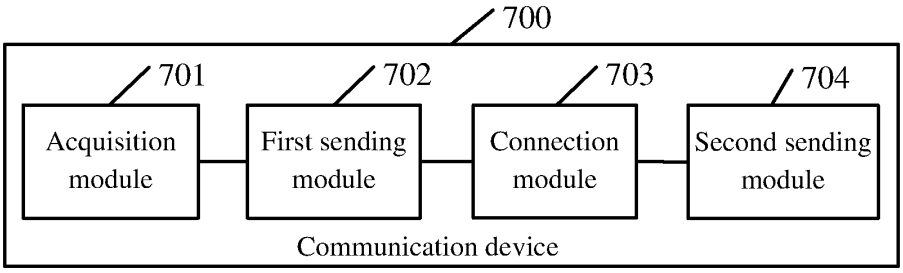
700
701
Acquisition module
702
First sending module
703
Connection module
704
Second sending module
Communication device

FIG. 7

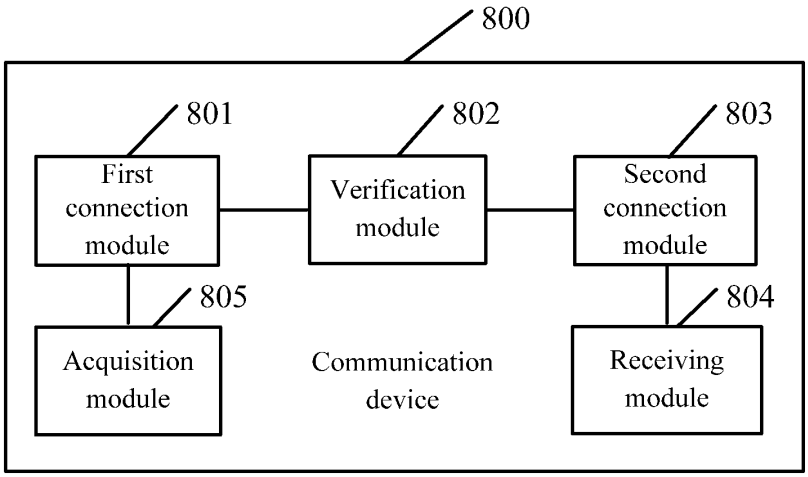
800
801
First connection module
802
Verification module
803
Second connection module
805
Acquisition module
Communication device
804
Receiving module

FIG. 8

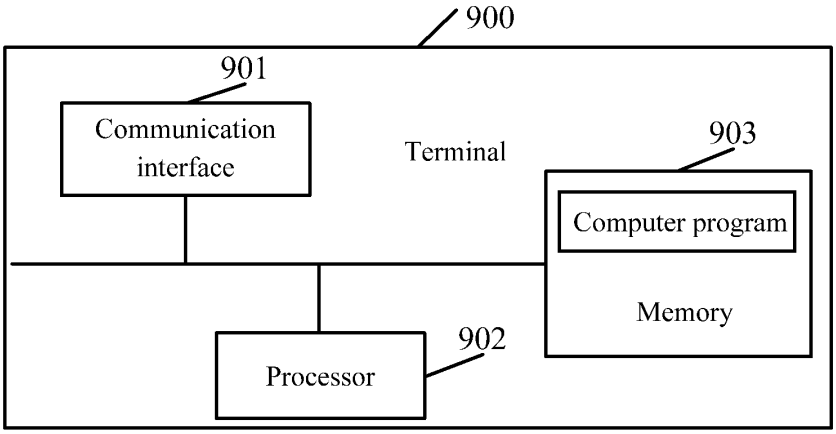
900
901
Communication interface
Terminal
903
Computer program
Memory
902
Processor

FIG. 9

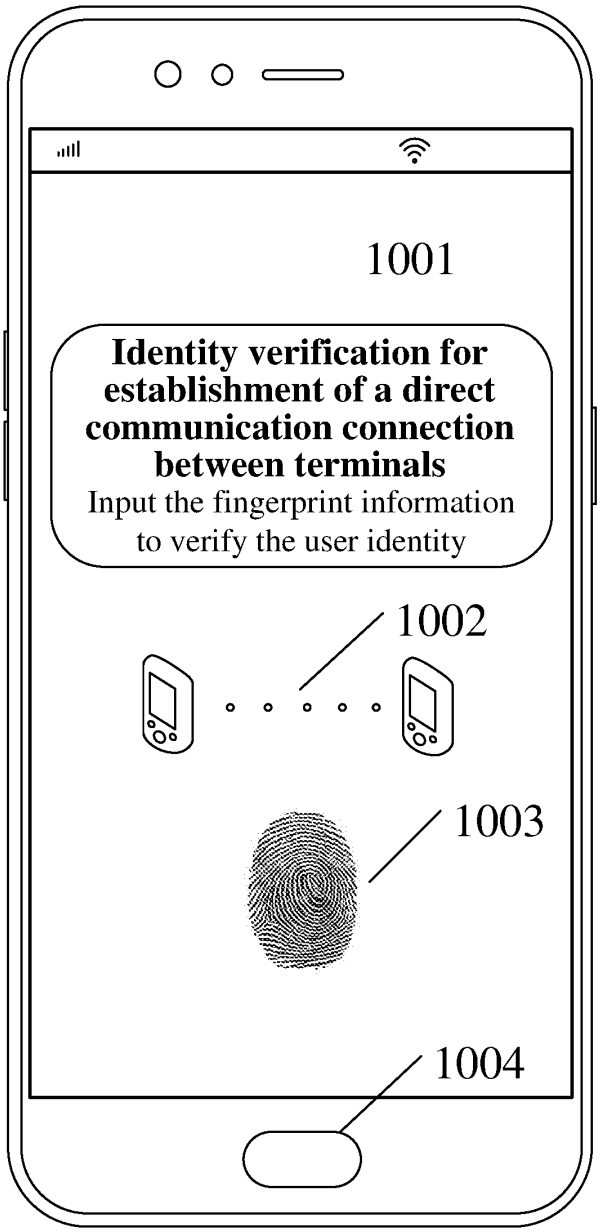
1001
Identity verification for establishment of a direct communication connection between terminals
Input the fingerprint information to verify the user identity
1002
1003
1004

FIG. 10