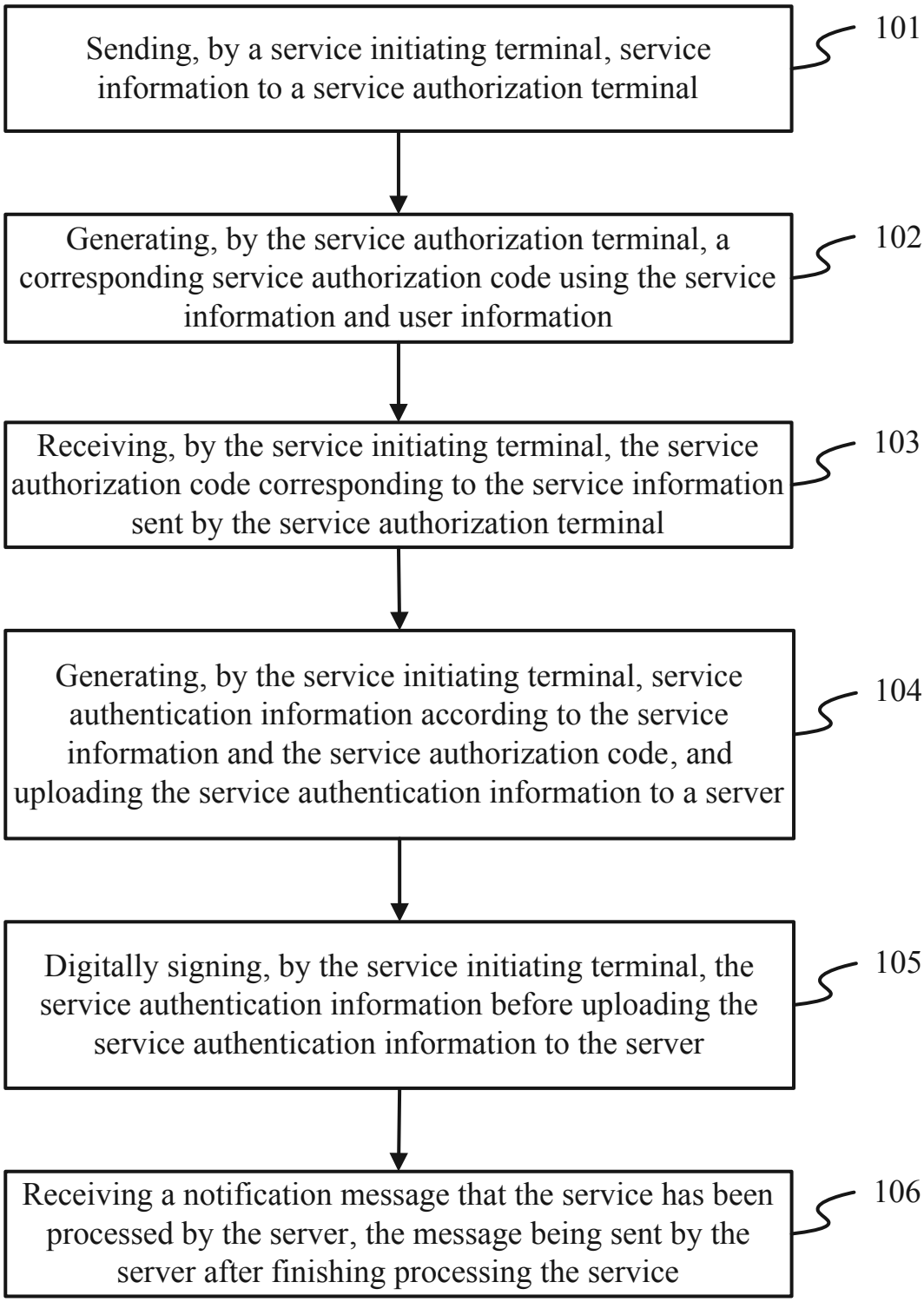

Sending, by a service initiating terminal, service information to a service authorization terminal
101
Generating, by the service authorization terminal, a corresponding service authorization code using the service information and user information
102
Receiving, by the service initiating terminal, the service authorization code corresponding to the service information sent by the service authorization terminal
103
Generating, by the service initiating terminal, service authentication information according to the service information and the service authorization code, and uploading the service authentication information to a server
104
Digitally signing, by the service initiating terminal, the service authentication information before uploading the service authentication information to the server
105
Receiving a notification message that the service has been processed by the server, the message being sent by the server after finishing processing the service
106

FIG. 1

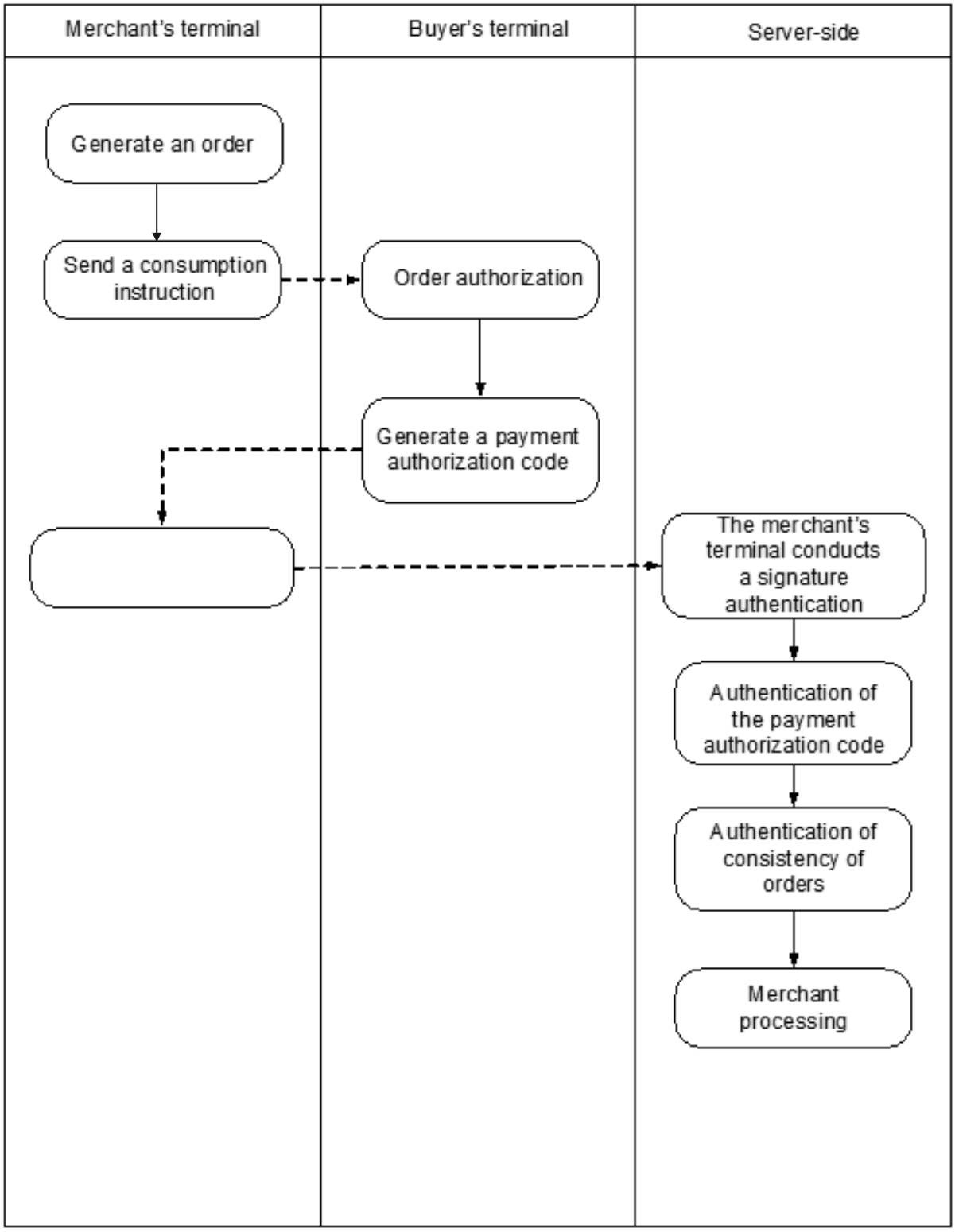

Merchant's terminal
Buyer's terminal
Server-side
Generate an order
Send a consumption instruction
Order authorization
Generate a payment authorization code
The merchant's terminal conducts a signature authentication
Authentication of the payment authorization code
Authentication of consistency of orders
Merchant processing

FIG. 2

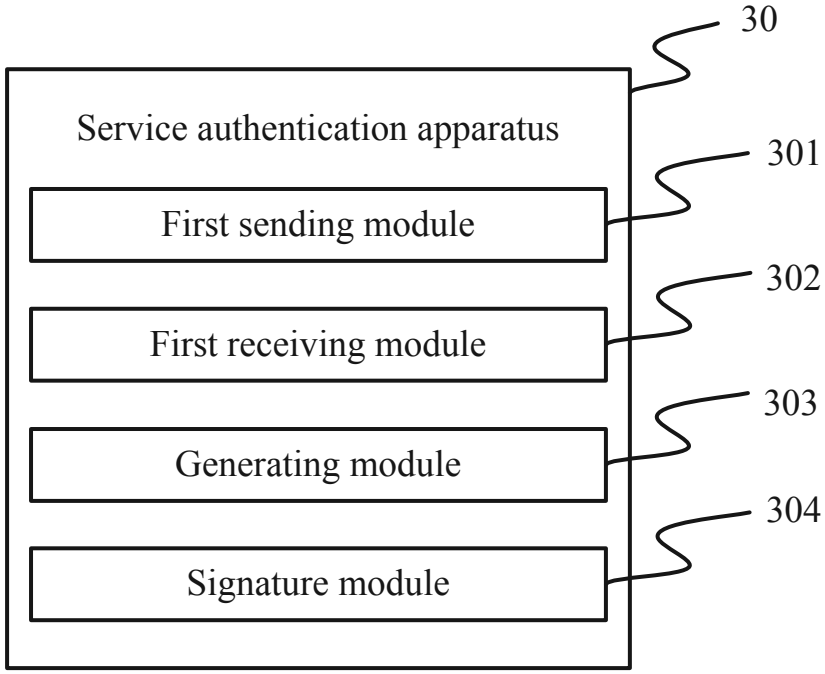

30
Service authentication apparatus
301
First sending module
302
First receiving module
303
Generating module
304
Signature module

FIG. 3

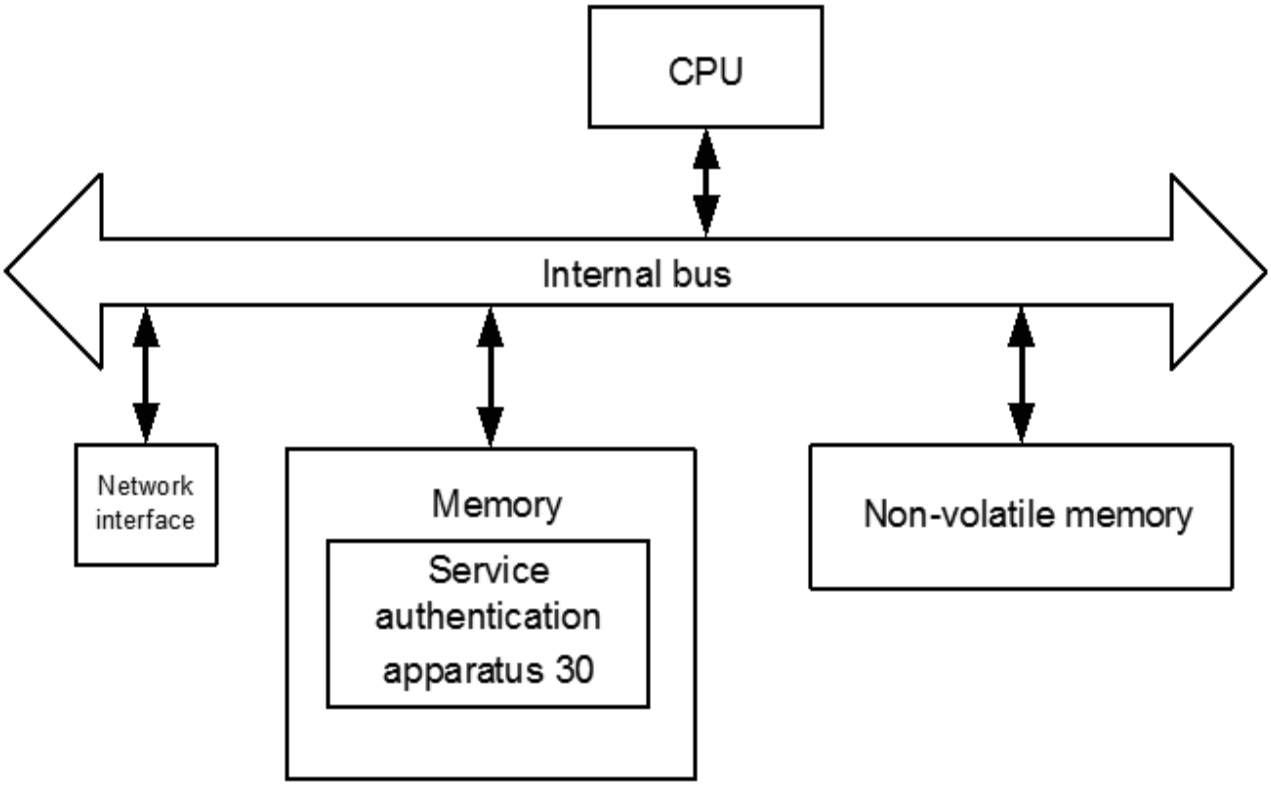

CPU
Internal bus
Network interface
Memory
Service authentication apparatus 30
Non-volatile memory

FIG. 4

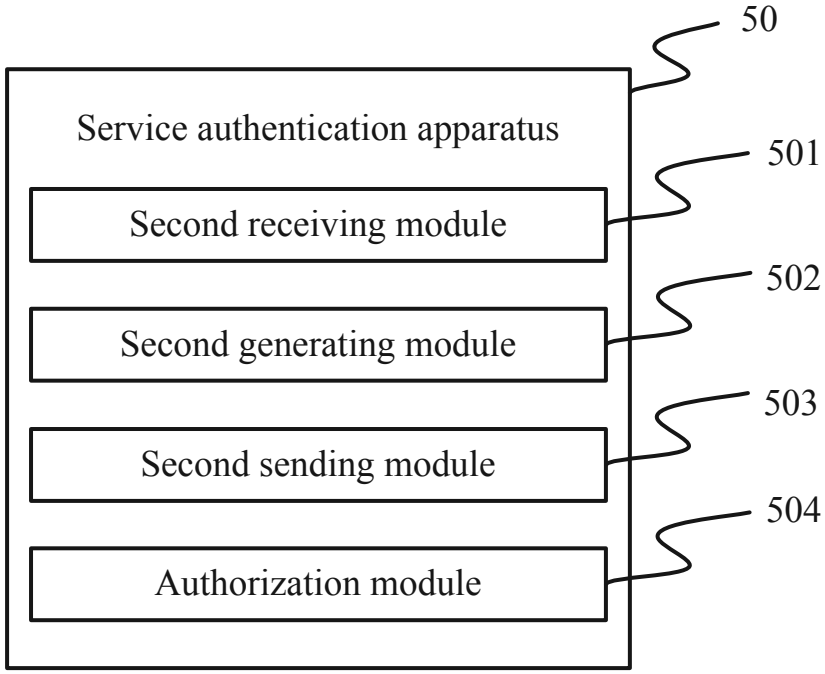

50
Service authentication apparatus
501
Second receiving module
502
Second generating module
503
Second sending module
504
Authorization module

FIG. 5

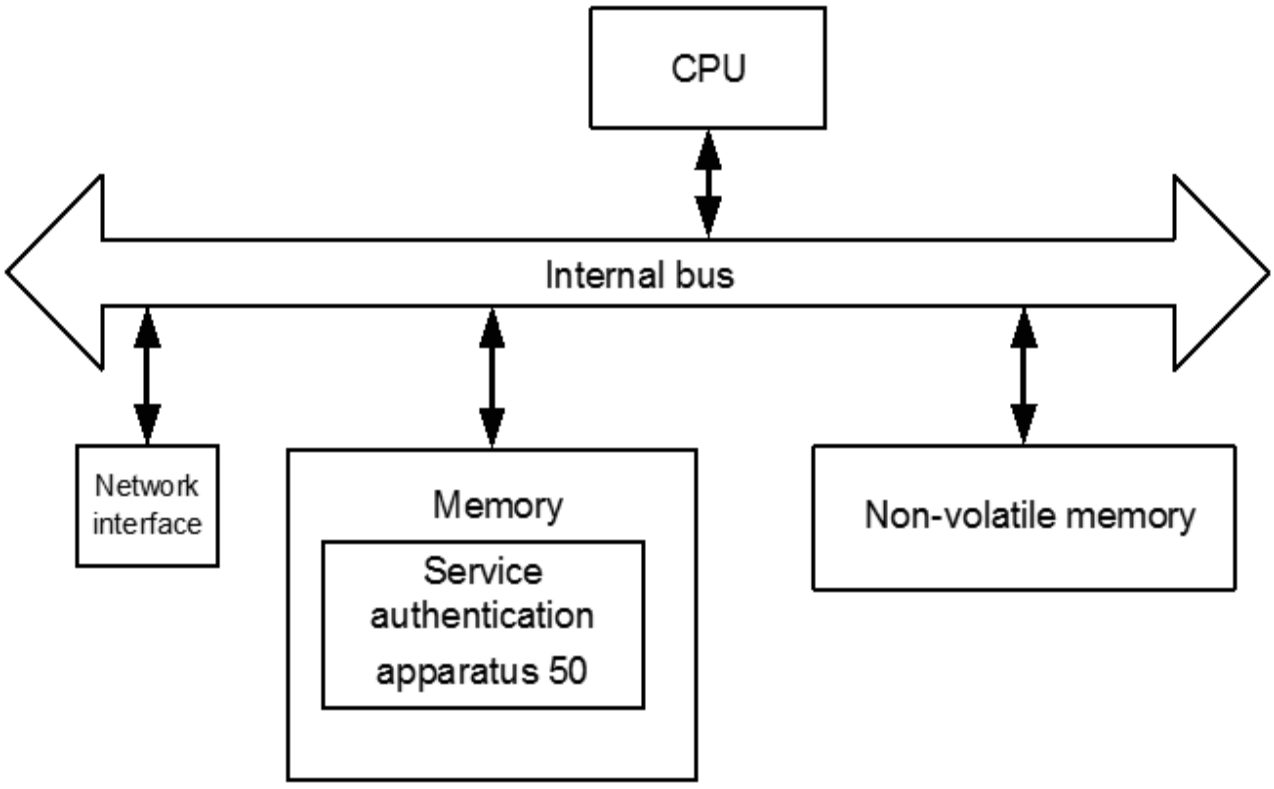

CPU
Internal bus
Network interface
Memory
Service authentication apparatus 50
Non-volatile memory

FIG. 6