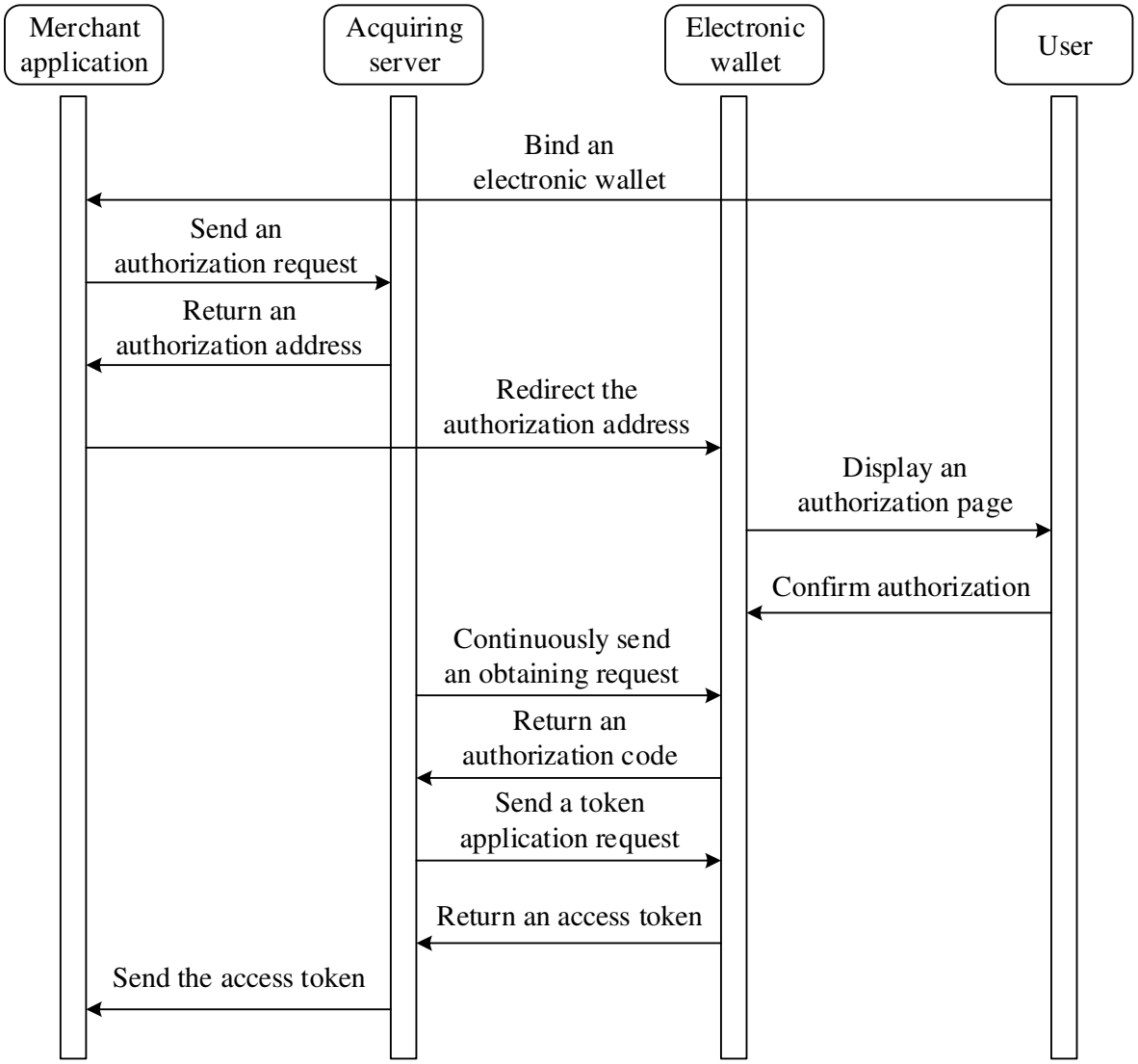

Merchant application
Acquiring server
Electronic wallet
User
Bind an electronic wallet
Send an authorization request
Return an authorization address
Redirect the authorization address
Display an authorization page
Confirm authorization
Continuously send an obtaining request
Return an authorization code
Send a token application request
Return an access token
Send the access token

FIG. 1

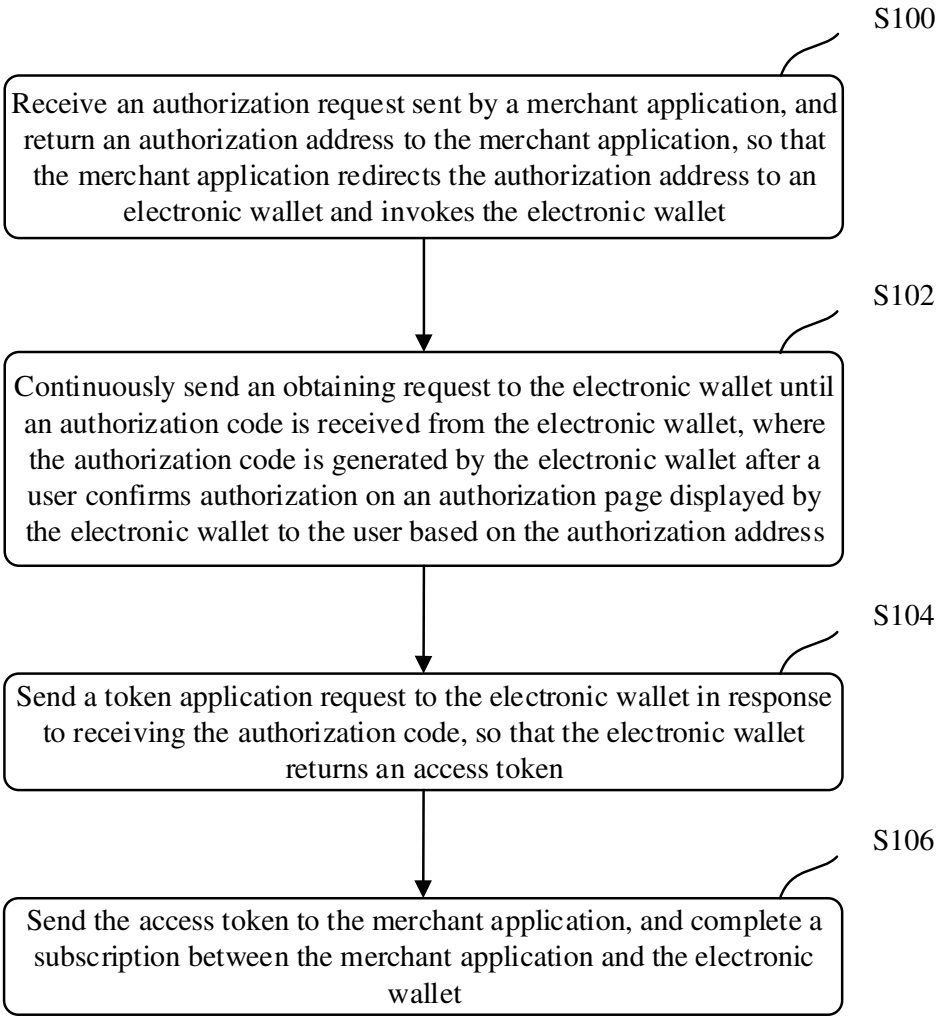

S100
Receive an authorization request sent by a merchant application, and return an authorization address to the merchant application, so that the merchant application redirects the authorization address to an electronic wallet and invokes the electronic wallet
S102
Continuously send an obtaining request to the electronic wallet until an authorization code is received from the electronic wallet, where the authorization code is generated by the electronic wallet after a user confirms authorization on an authorization page displayed by the electronic wallet to the user based on the authorization address
S104
Send a token application request to the electronic wallet in response to receiving the authorization code, so that the electronic wallet returns an access token
S106
Send the access token to the merchant application, and complete a subscription between the merchant application and the electronic wallet

FIG. 2

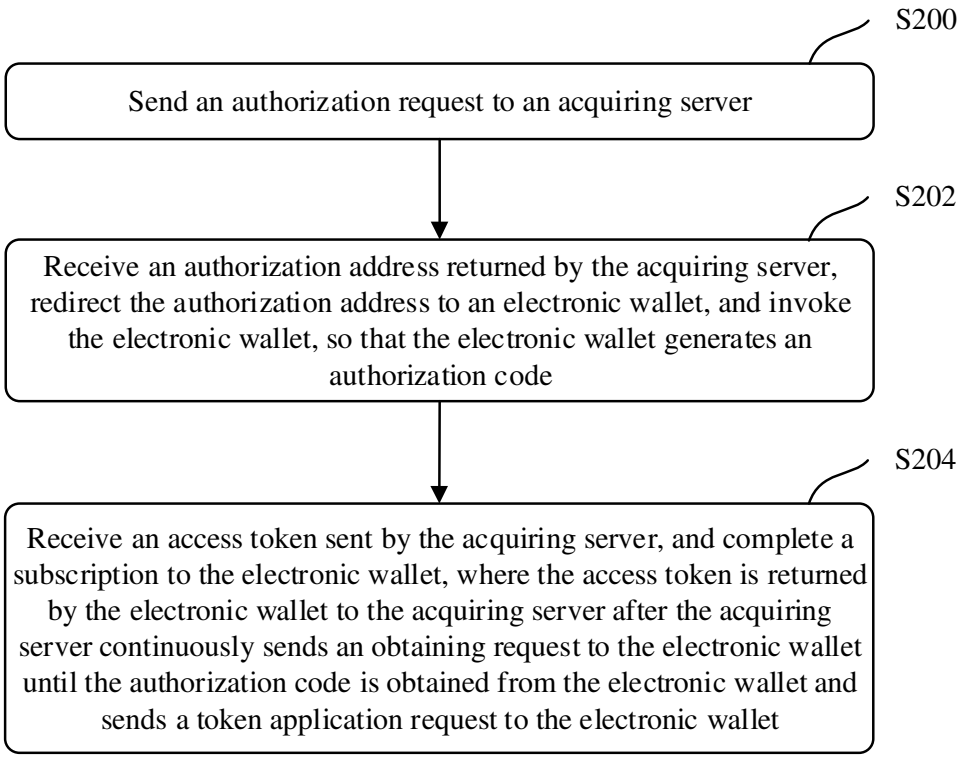

S200
Send an authorization request to an acquiring server
S202
Receive an authorization address returned by the acquiring server, redirect the authorization address to an electronic wallet, and invoke the electronic wallet, so that the electronic wallet generates an authorization code
S204
Receive an access token sent by the acquiring server, and complete a subscription to the electronic wallet, where the access token is returned by the electronic wallet to the acquiring server after the acquiring server continuously sends an obtaining request to the electronic wallet until the authorization code is obtained from the electronic wallet and sends a token application request to the electronic wallet

FIG. 3

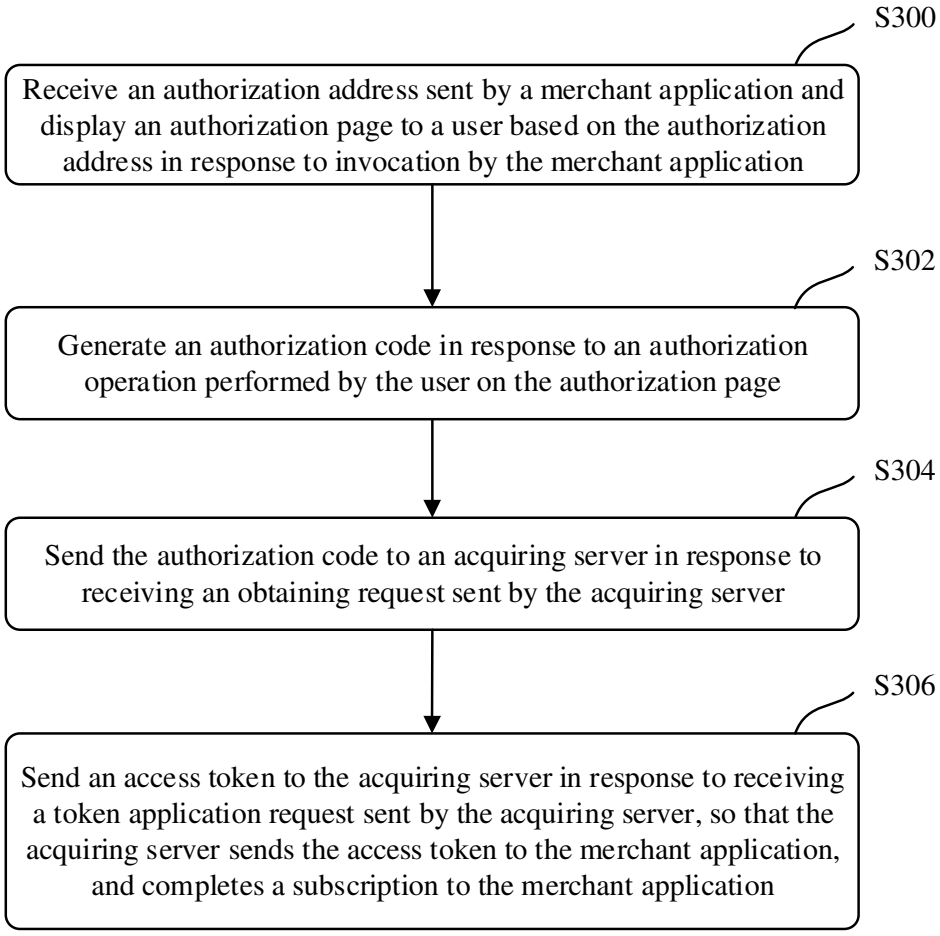

S300
Receive an authorization address sent by a merchant application and display an authorization page to a user based on the authorization address in response to invocation by the merchant application
S302
Generate an authorization code in response to an authorization operation performed by the user on the authorization page
S304
Send the authorization code to an acquiring server in response to receiving an obtaining request sent by the acquiring server
S306
Send an access token to the acquiring server in response to receiving a token application request sent by the acquiring server, so that the acquiring server sends the access token to the merchant application, and completes a subscription to the merchant application

FIG. 4

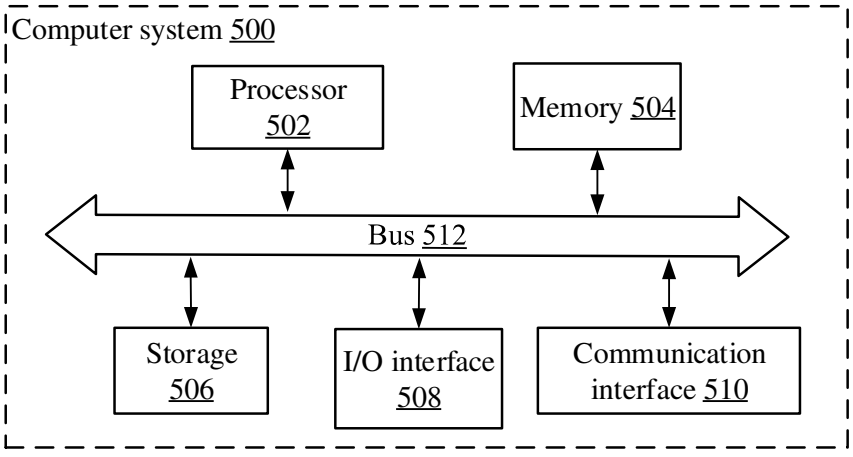

Computer system 500
Processor 502
Memory 504
Bus 512
Storage 506
I/O interface 508
Communication interface 510

FIG. 5