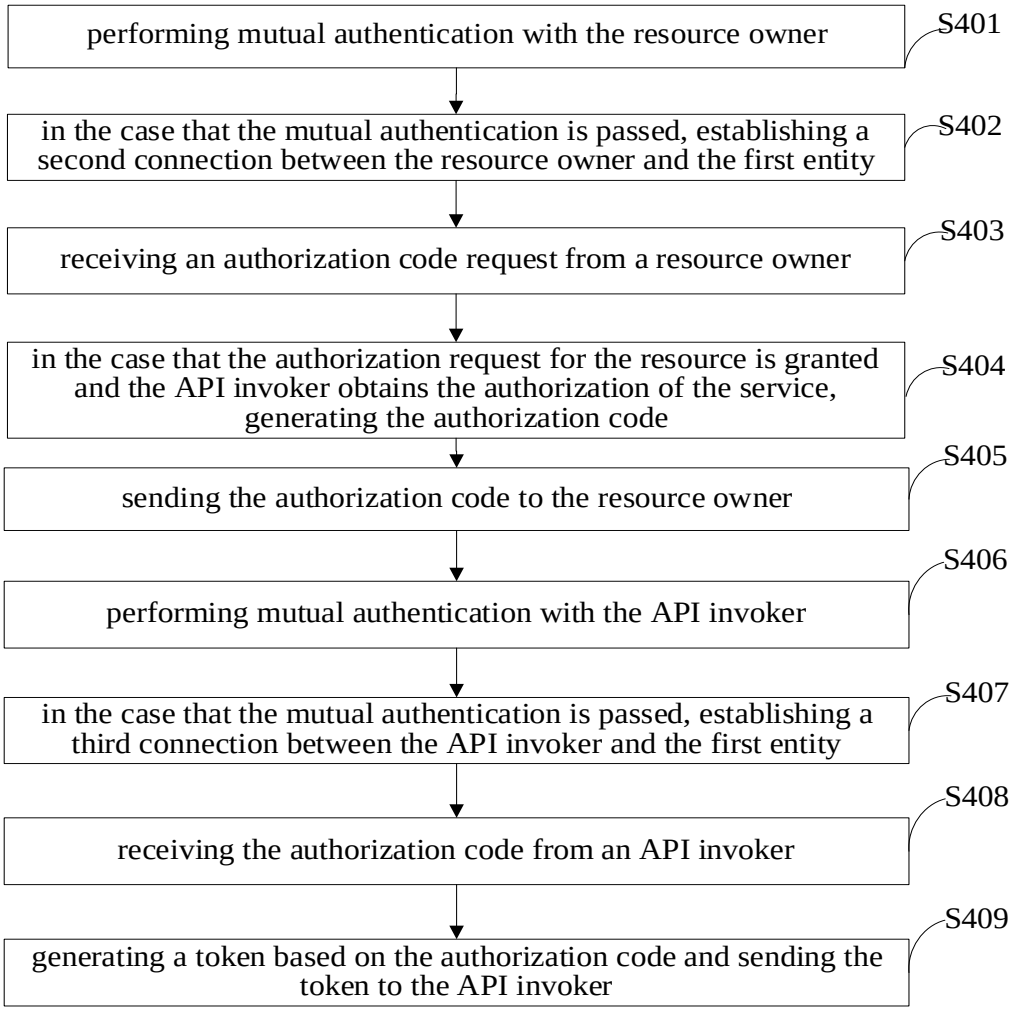

performing mutual authentication with the resource owner
S401
in the case that the mutual authentication is passed, establishing a second connection between the resource owner and the first entity
S402
receiving an authorization code request from a resource owner
S403
in the case that the authorization request for the resource is granted and the API invoker obtains the authorization of the service, generating the authorization code
S404
sending the authorization code to the resource owner
S405
performing mutual authentication with the API invoker
S406
in the case that the mutual authentication is passed, establishing a third connection between the API invoker and the first entity
S407
receiving the authorization code from an API invoker
S408
generating a token based on the authorization code and sending the token to the API invoker
S409

FIG. 4

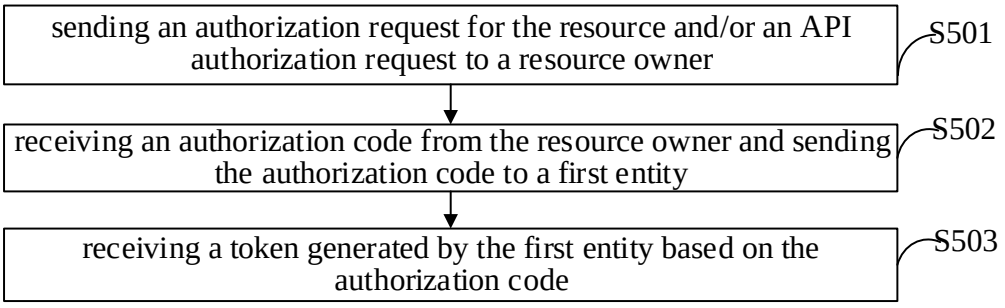

sending an authorization request for the resource and/or an API authorization request to a resource owner
S501
receiving an authorization code from the resource owner and sending the authorization code to a first entity
S502
receiving a token generated by the first entity based on the authorization code
S503

FIG. 5