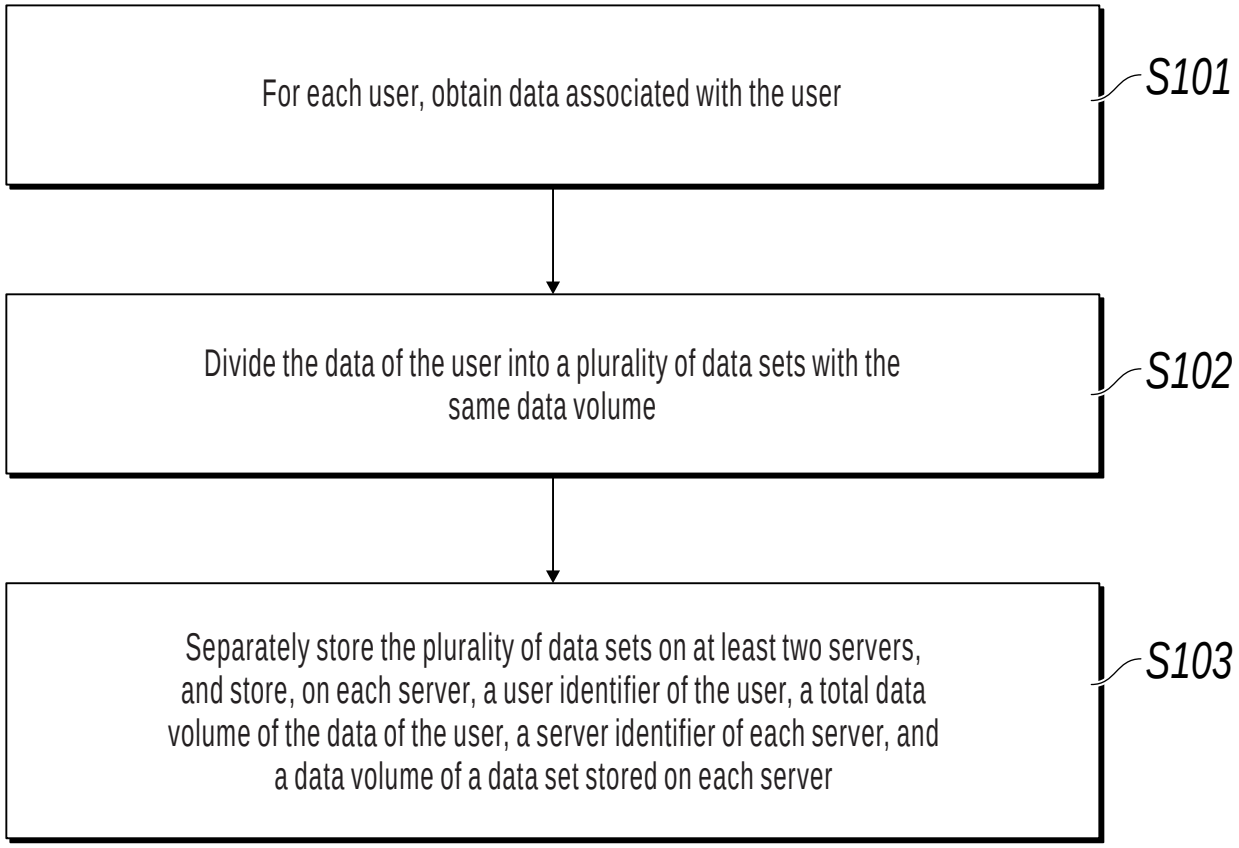

For each user, obtain data associated with the user
S101
Divide the data of the user into a plurality of data sets with the same data volume
S102
Separately store the plurality of data sets on at least two servers, and store, on each server, a user identifier of the user, a total data volume of the data of the user, a server identifier of each server, and a data volume of a data set stored on each server
S103

FIG. 1

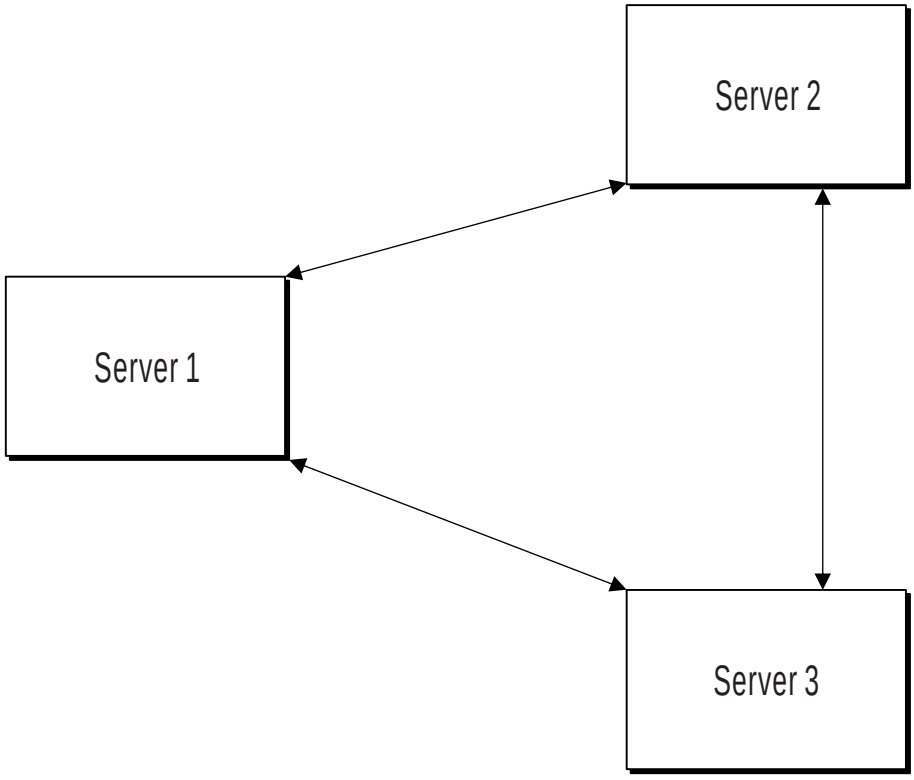


FIG. 2A

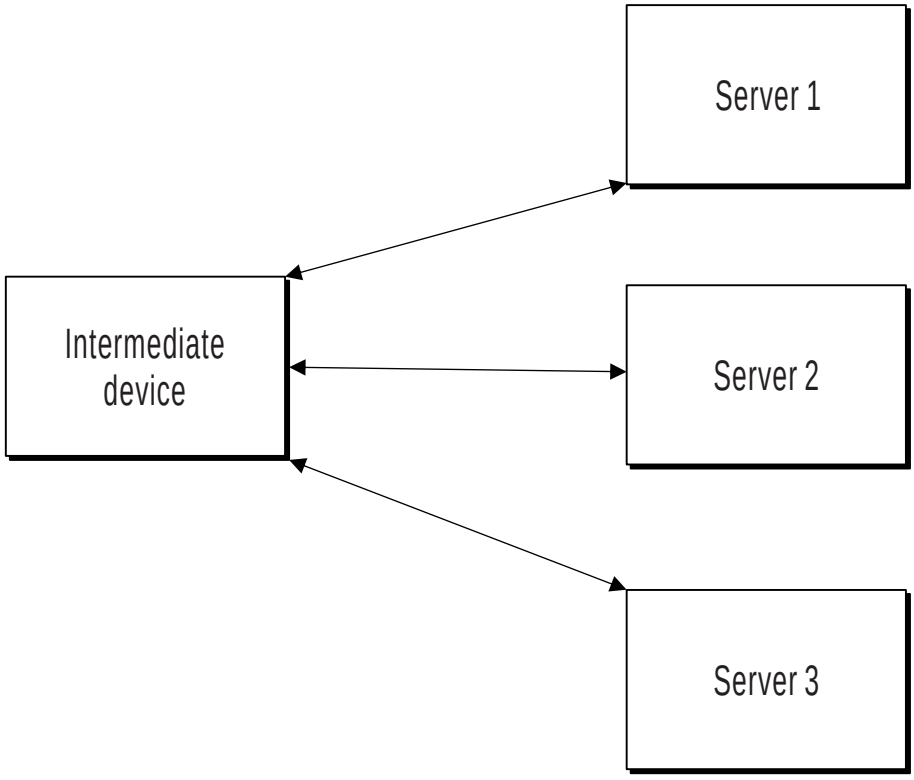


FIG. 2B

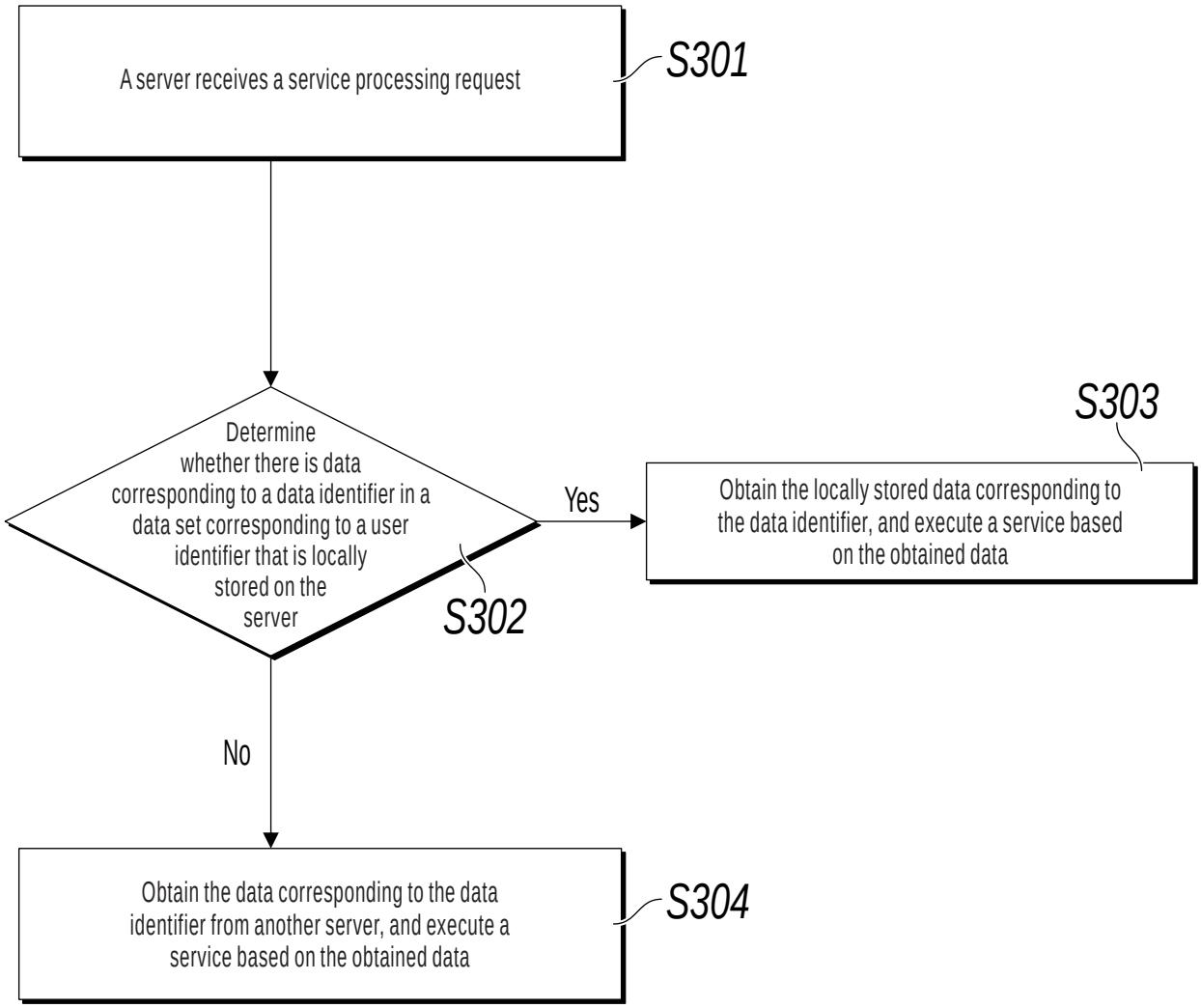

A server receives a service processing request
S301
Determine whether there is data corresponding to a data identifier in a data set corresponding to a user identifier that is locally stored on the server
S302
Yes
S303
Obtain the locally stored data corresponding to the data identifier, and execute a service based on the obtained data
No
Obtain the data corresponding to the data identifier from another server, and execute a service based on the obtained data
S304

FIG. 3

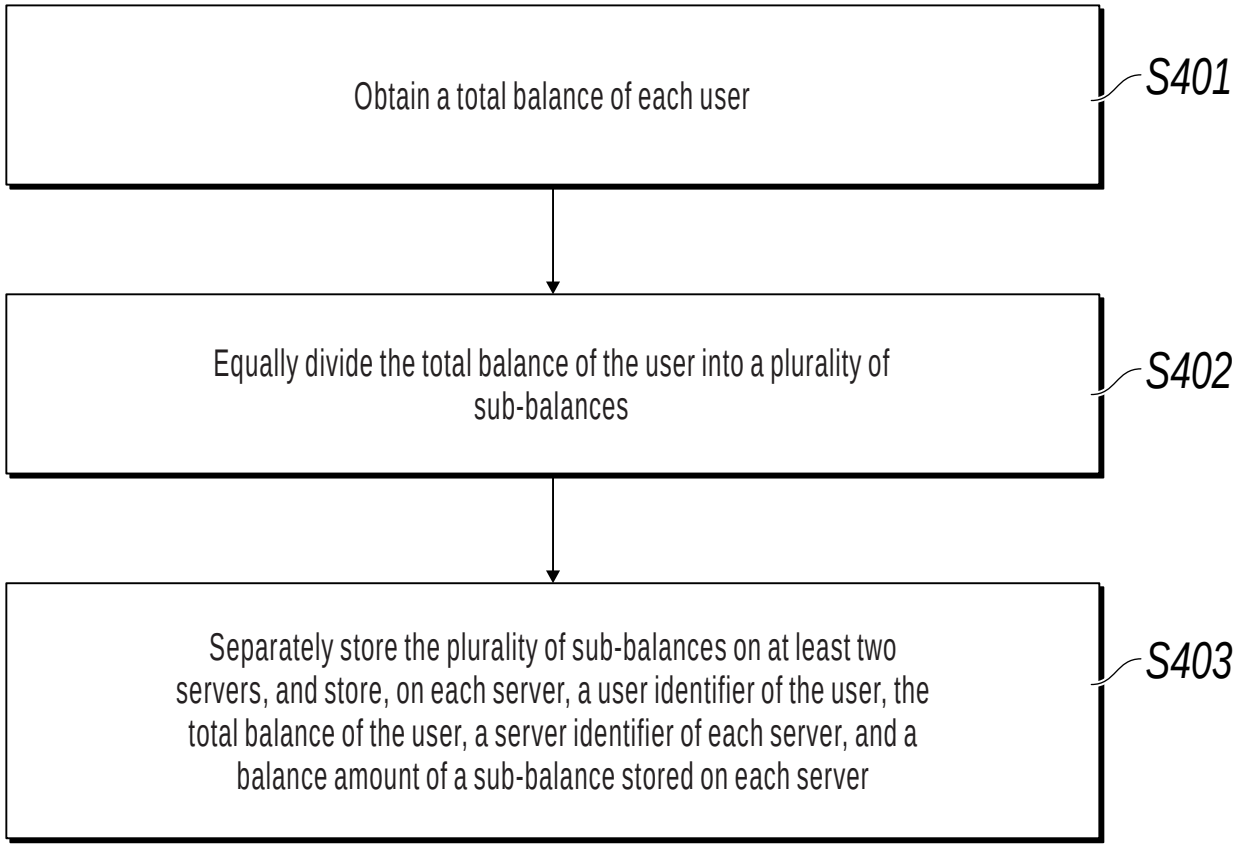

Obtain a total balance of each user
S401
Equally divide the total balance of the user into a plurality of sub-balances
S402
Separately store the plurality of sub-balances on at least two servers, and store, on each server, a user identifier of the user, the total balance of the user, a server identifier of each server, and a balance amount of a sub-balance stored on each server
S403

FIG. 4

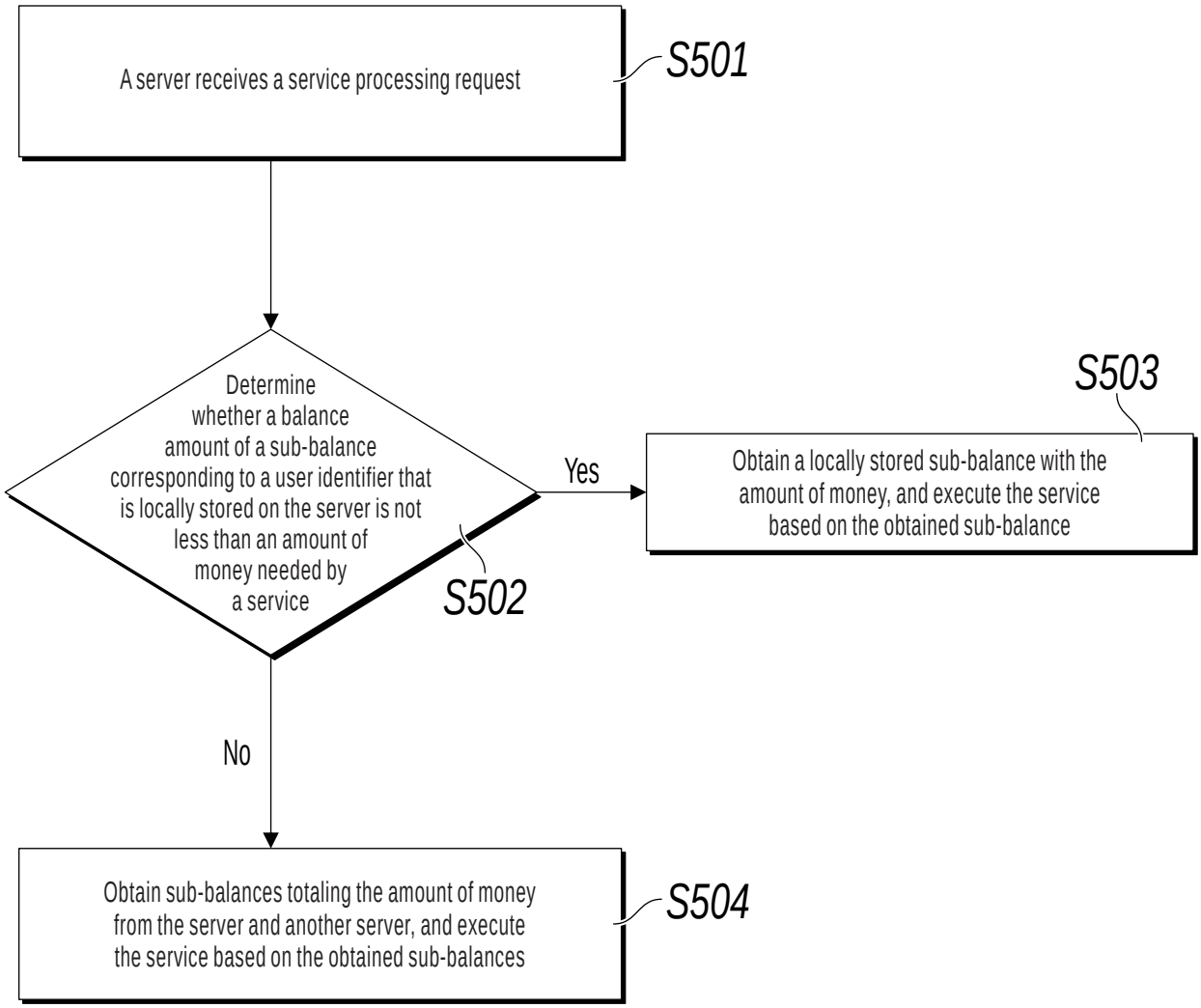

A server receives a service processing request
S501
Determine whether a balance amount of a sub-balance corresponding to a user identifier that is locally stored on the server is not less than an amount of money needed by a service
S502
Yes
S503
Obtain a locally stored sub-balance with the amount of money, and execute the service based on the obtained sub-balance
No
Obtain sub-balances totaling the amount of money from the server and another server, and execute the service based on the obtained sub-balances
S504

FIG. 5

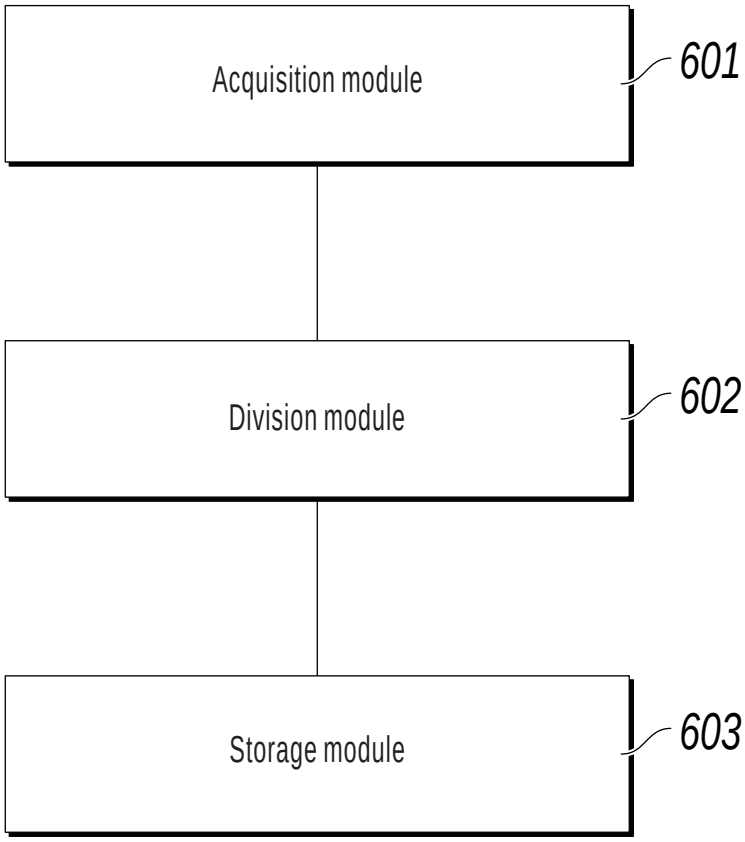

Acquisition module
601
Division module
602
Storage module
603

FIG. 6

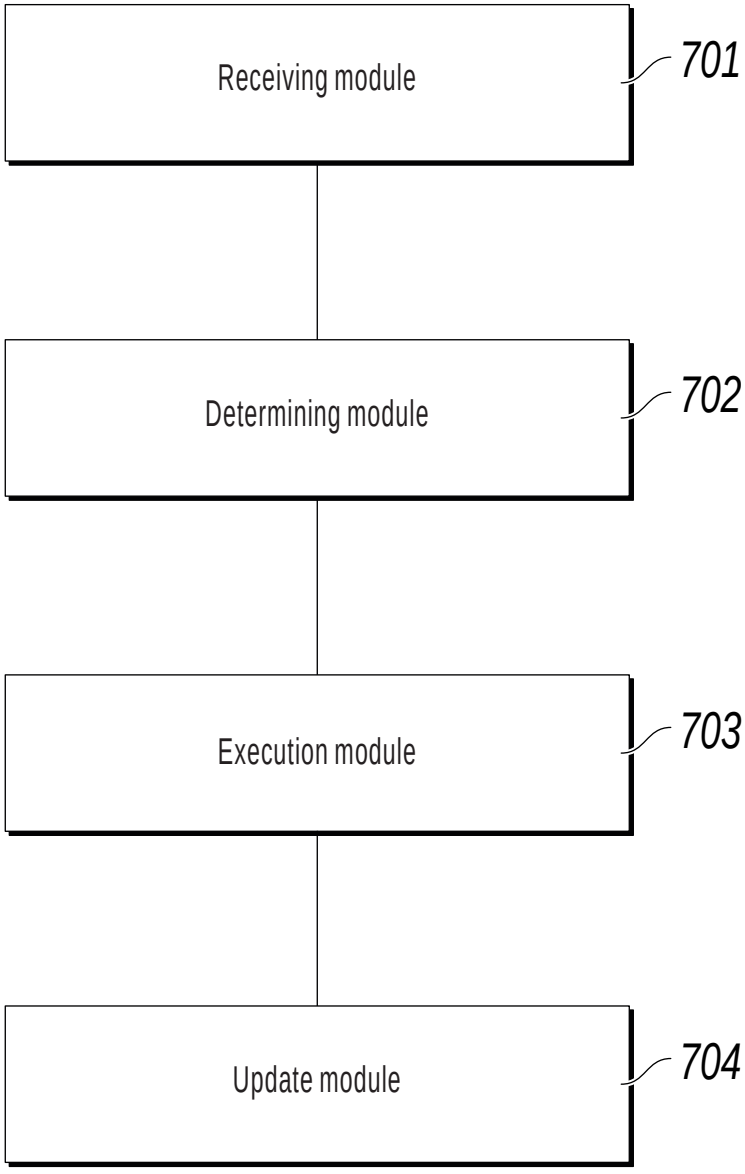

Receiving module
701
Determining module
702
Execution module
703
Update module
704

FIG. 7

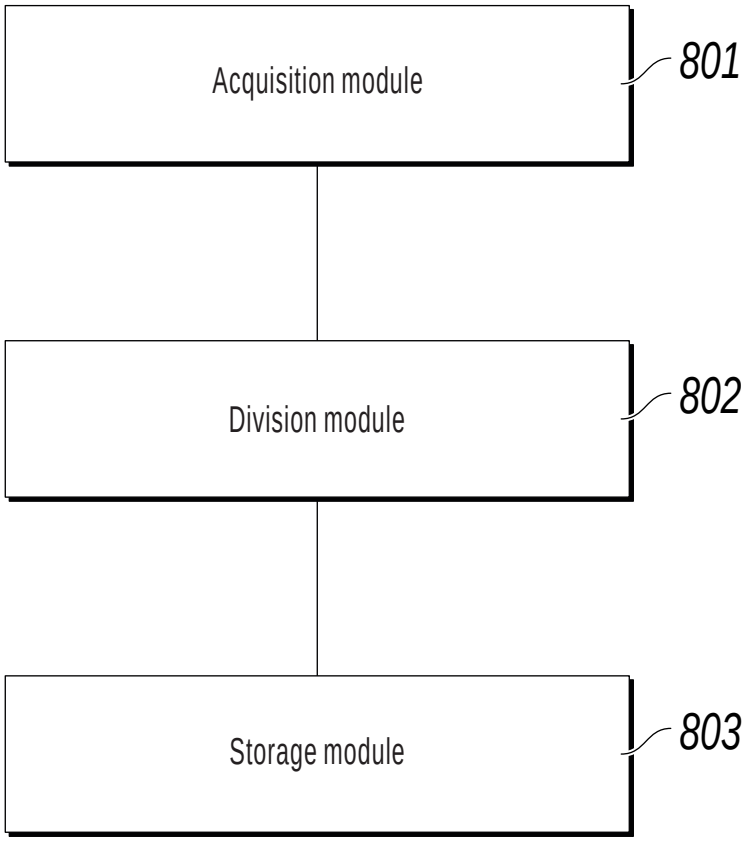

Acquisition module
801
Division module
802
Storage module
803

FIG. 8

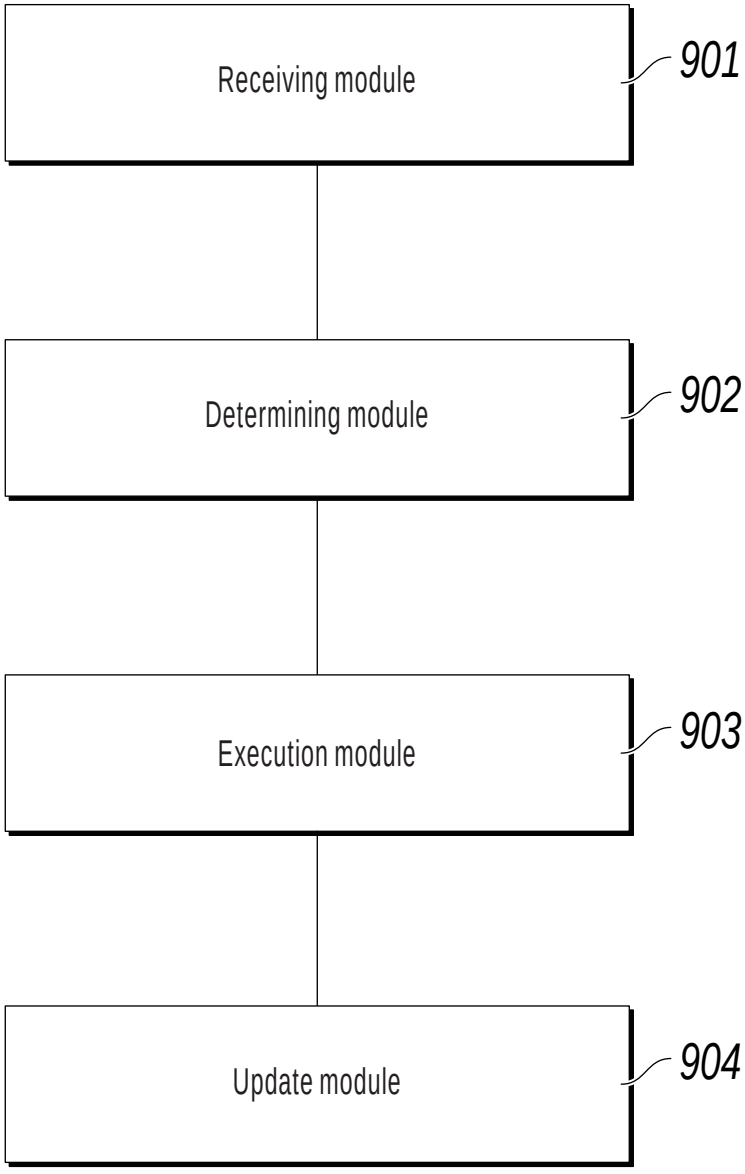

Receiving module
901
Determining module
902
Execution module
903
Update module
904

FIG. 9