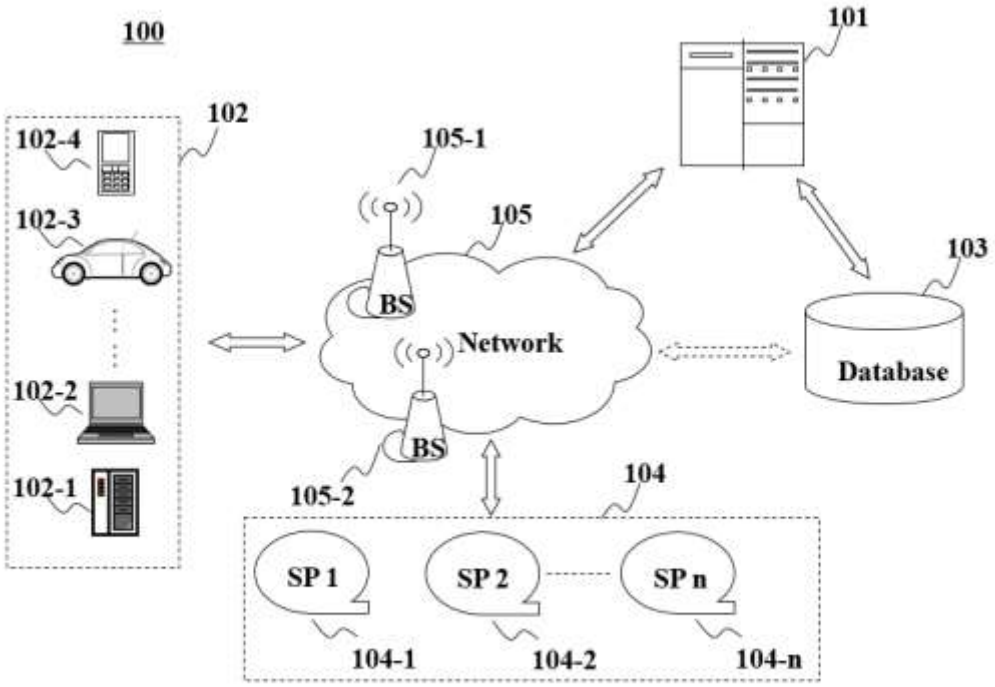

100
101
102
102-4
102-3
102-2
102-1
105-1
105
BS
Network
BS
105-2
103
Database
104
SP 1
SP 2
SP n
104-1
104-2
104-n

FIG. 1

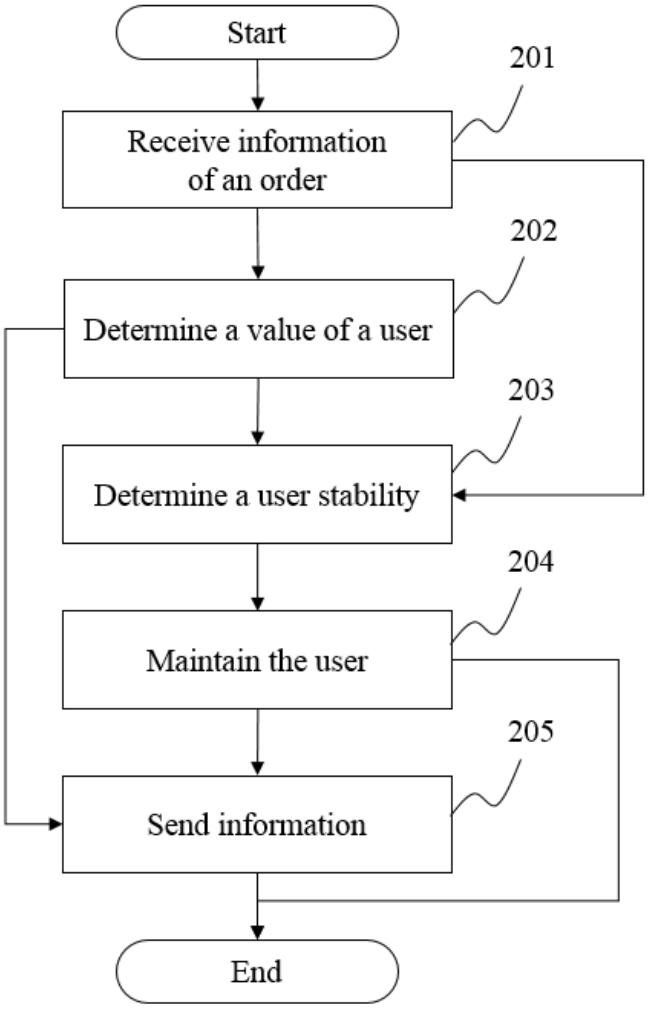

Start
201
Receive information of an order
202
Determine a value of a user
203
Determine a user stability
204
Maintain the user
205
Send information
End

FIG. 2

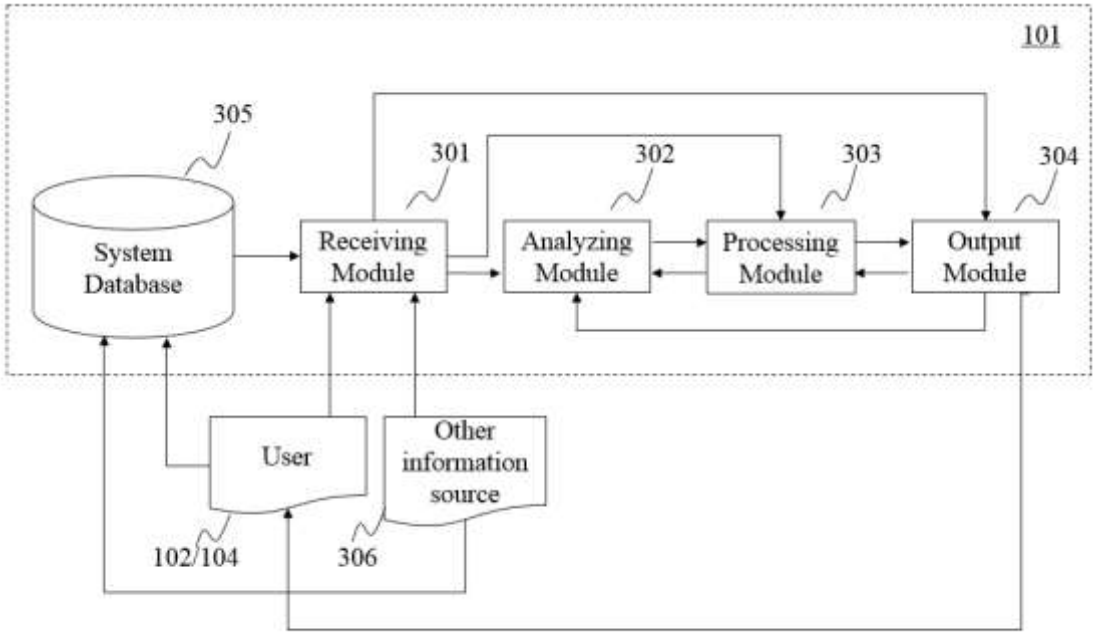

101
305
301
302
303
304
System Database
Receiving Module
Analyzing Module
Processing Module
Output Module
User
Other information source
102/104
306

FIG. 3

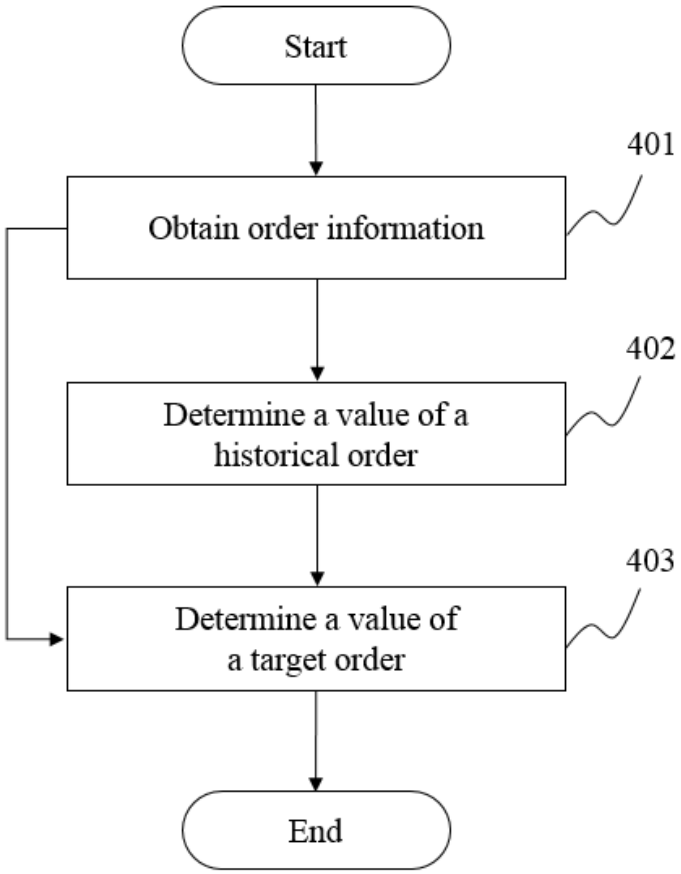

Start
401
Obtain order information
402
Determine a value of a historical order
403
Determine a value of a target order
End

FIG. 4

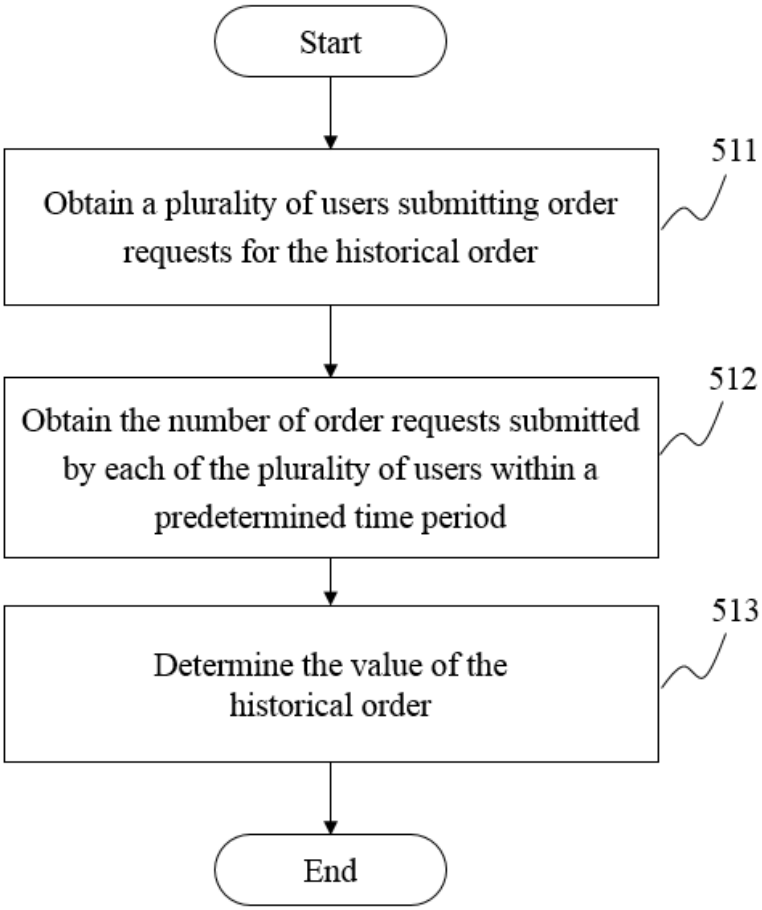

Start
Obtain a plurality of users submitting order requests for the historical order
511
Obtain the number of order requests submitted by each of the plurality of users within a predetermined time period
512
Determine the value of the historical order
513
End

FIG. 5A

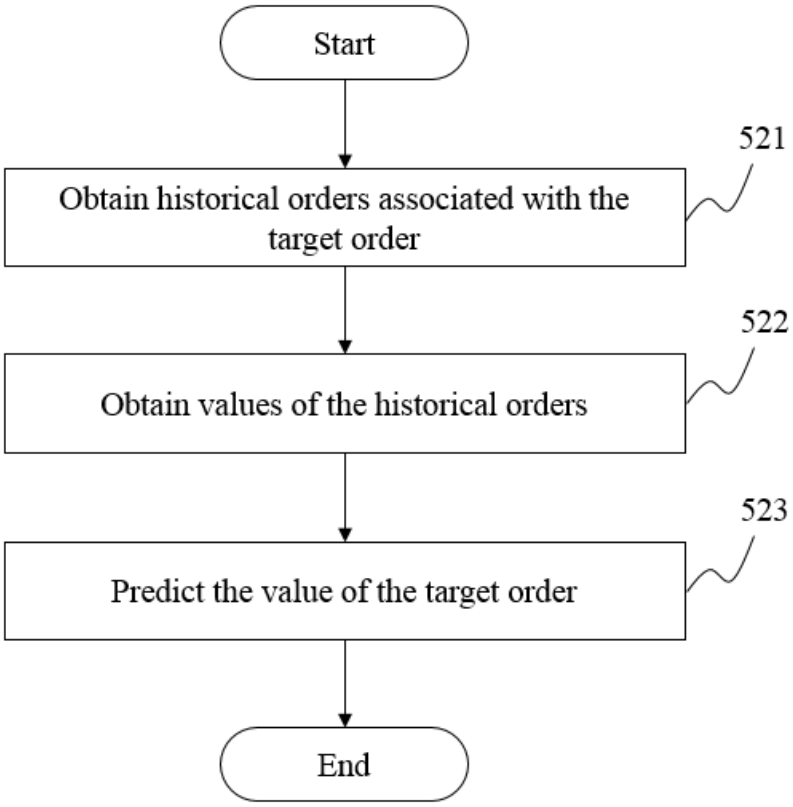

Start
521
Obtain historical orders associated with the target order
522
Obtain values of the historical orders
523
Predict the value of the target order
End

FIG. 5B

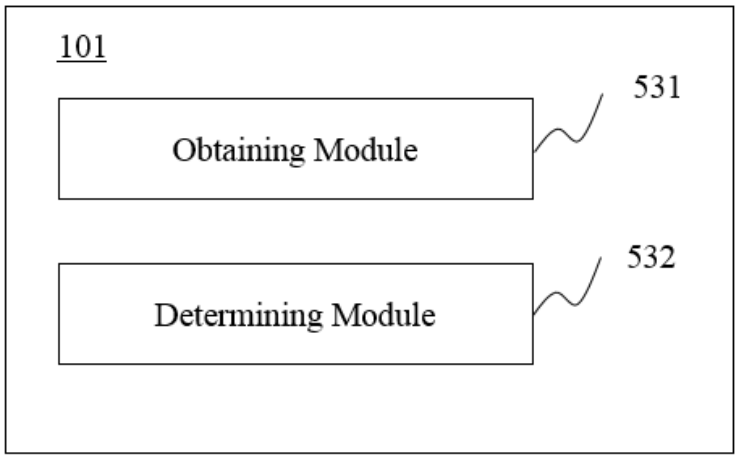

101
531
Obtaining Module
532
Determining Module

FIG. 5C

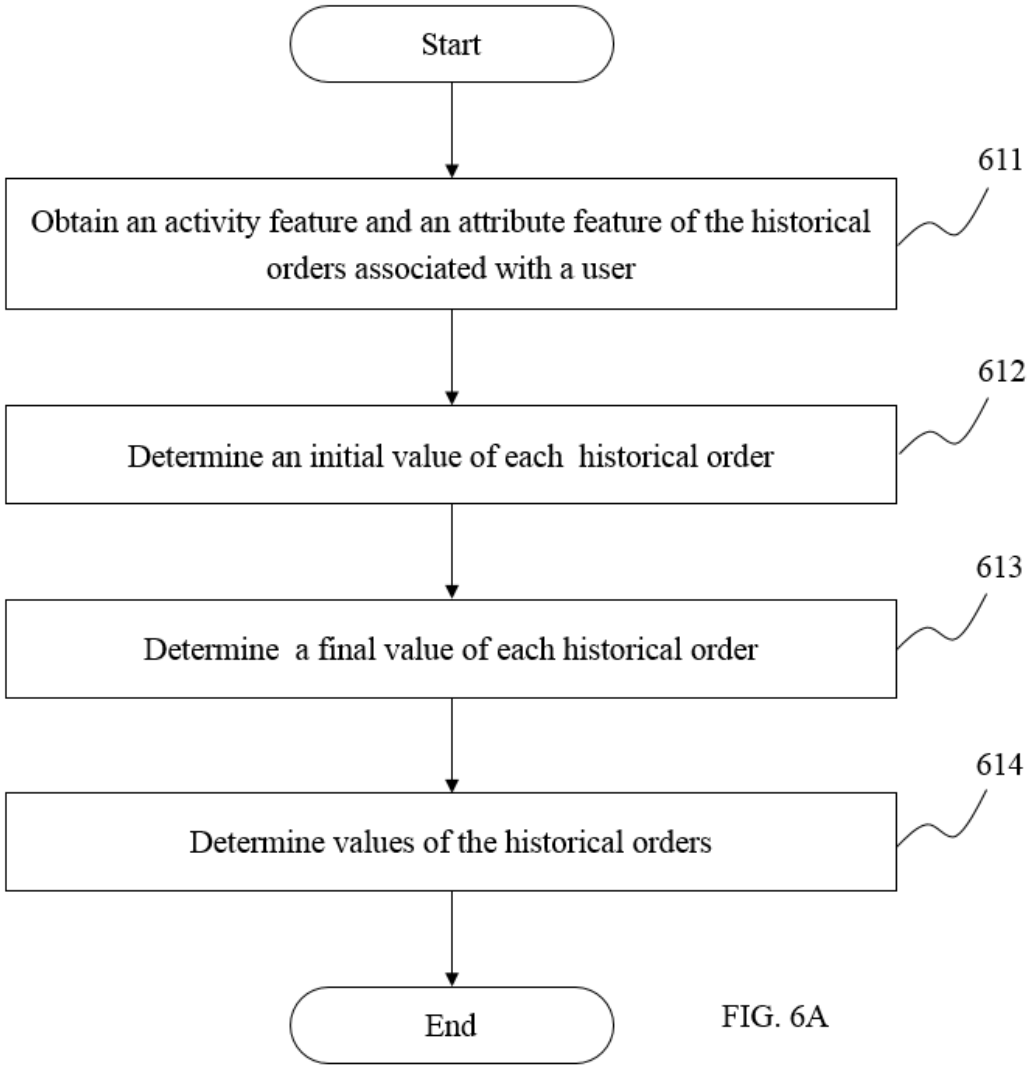

Start
611
Obtain an activity feature and an attribute feature of the historical orders associated with a user
612
Determine an initial value of each historical order
613
Determine a final value of each historical order
614
Determine values of the historical orders
End

FIG. 6A

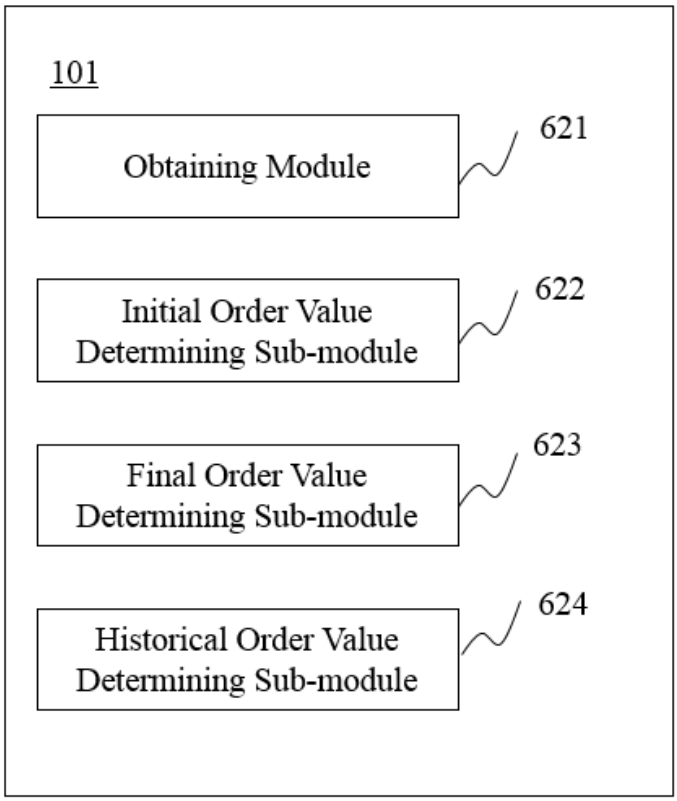

101
Obtaining Module
621
Initial Order Value Determining Sub-module
622
Final Order Value Determining Sub-module
623
Historical Order Value Determining Sub-module
624

FIG. 6B

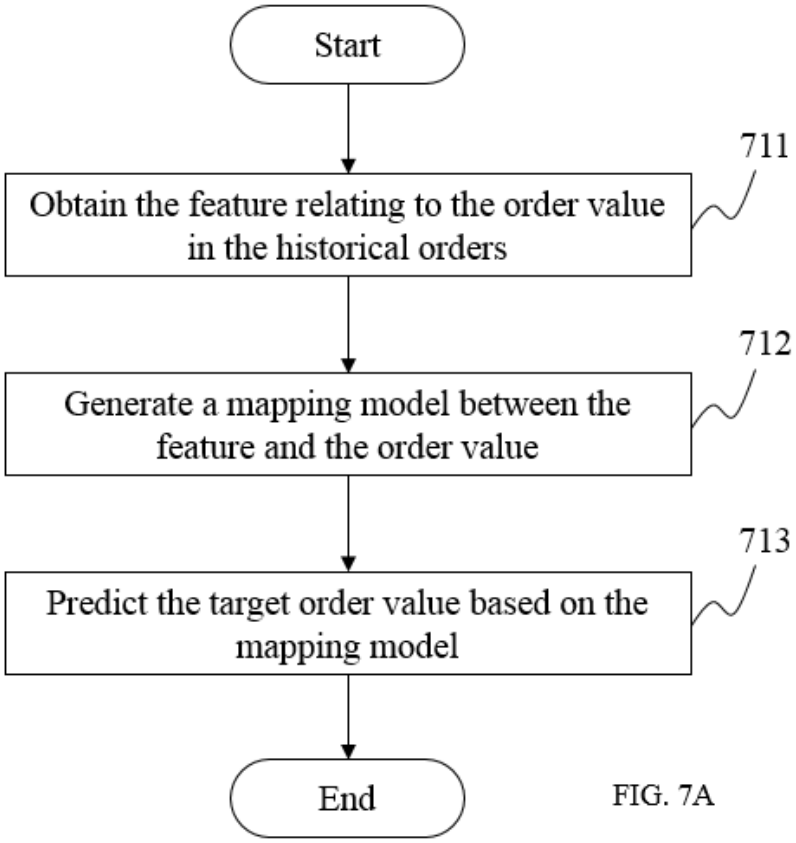

Start
711
Obtain the feature relating to the order value in the historical orders
712
Generate a mapping model between the feature and the order value
713
Predict the target order value based on the mapping model
End

FIG. 7A

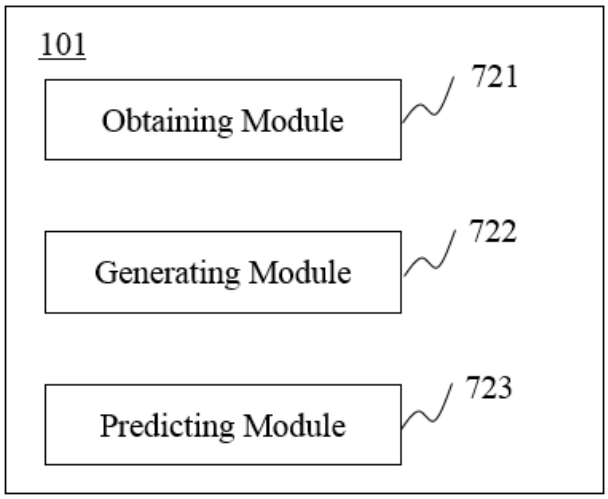

101
721
Obtaining Module
722
Generating Module
723
Predicting Module

FIG. 7B

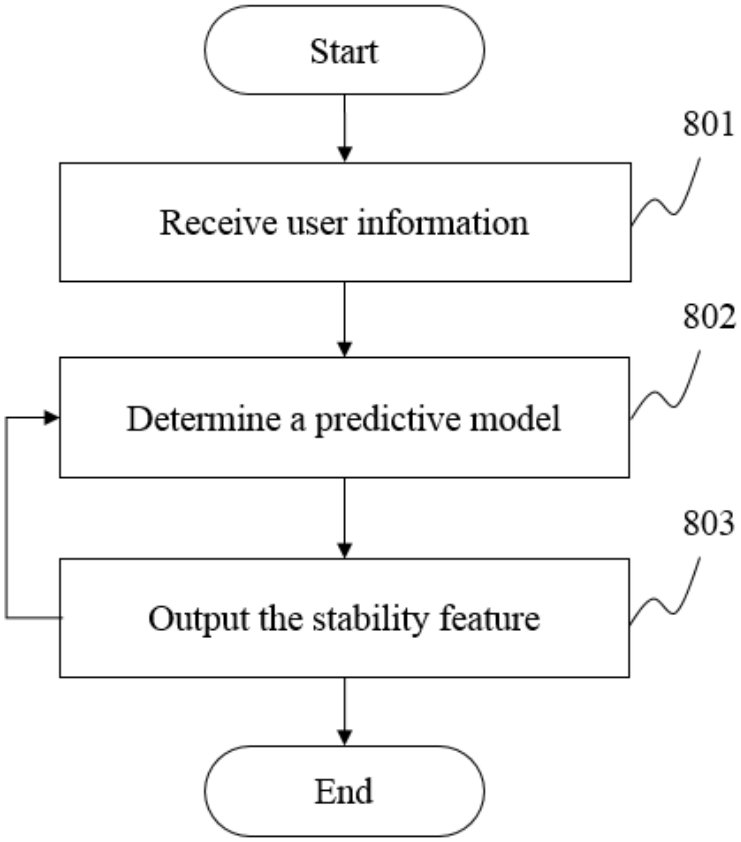

Start
801
Receive user information
802
Determine a predictive model
803
Output the stability feature
End

FIG. 8

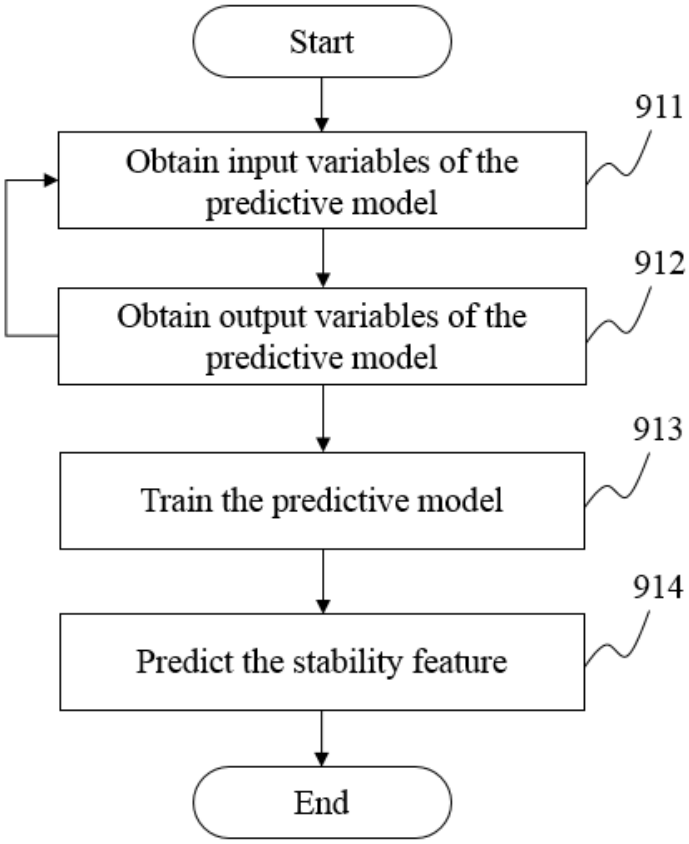

Start
911
Obtain input variables of the predictive model
912
Obtain output variables of the predictive model
913
Train the predictive model
914
Predict the stability feature
End

FIG. 9A

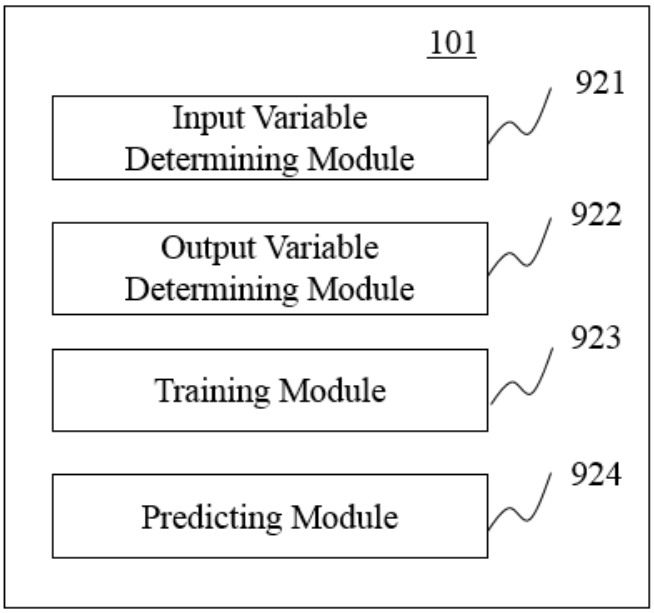

101
Input Variable Determining Module
921
Output Variable Determining Module
922
Training Module
923
Predicting Module
924

FIG. 9B

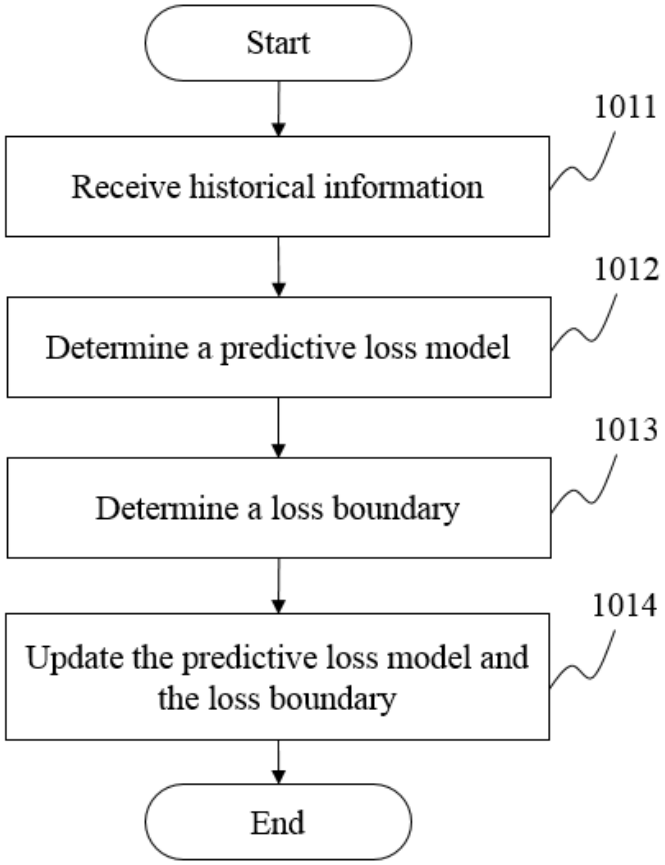


FIG. 10A

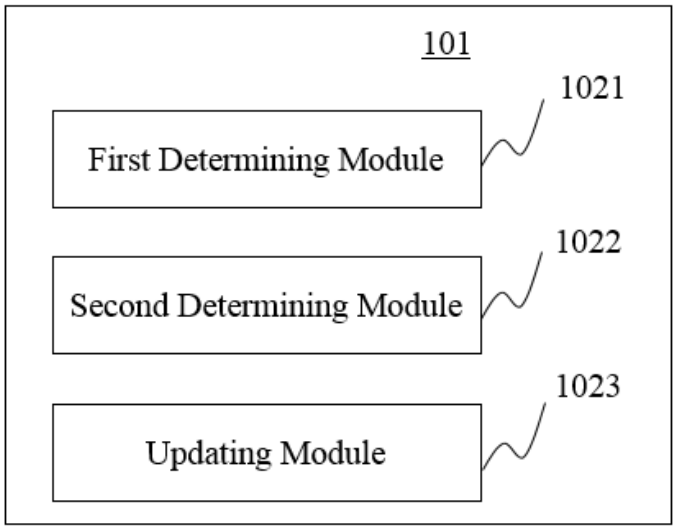


FIG. 10B

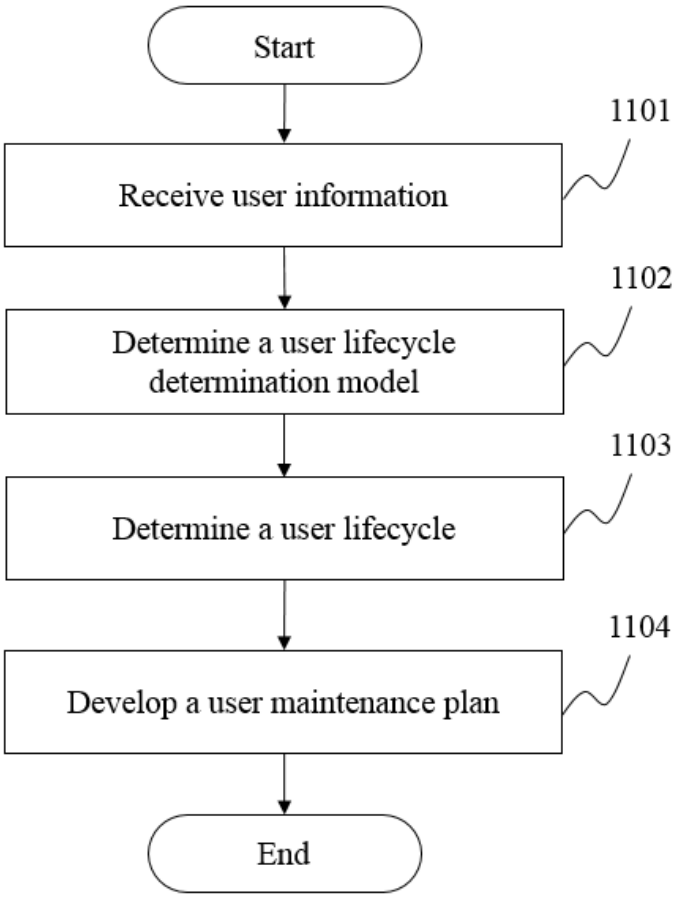

Start
1101
Receive user information
1102
Determine a user lifecycle determination model
1103
Determine a user lifecycle
1104
Develop a user maintenance plan
End

FIG. 11

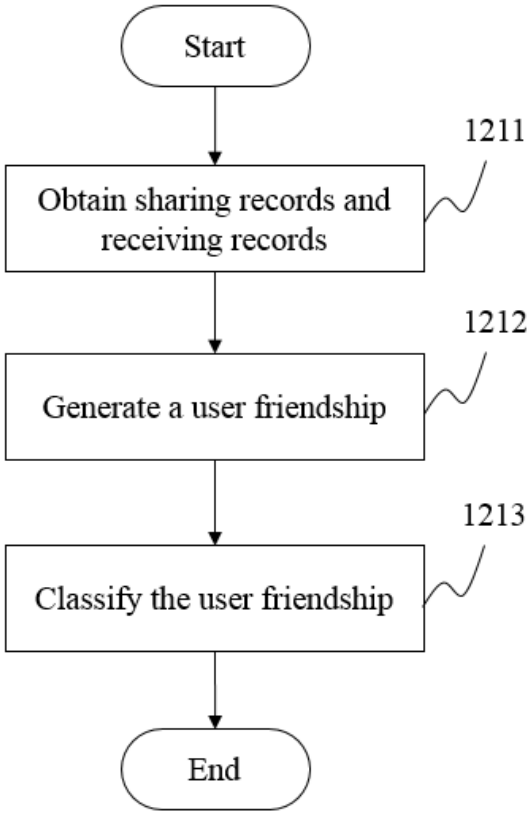


FIG. 12A

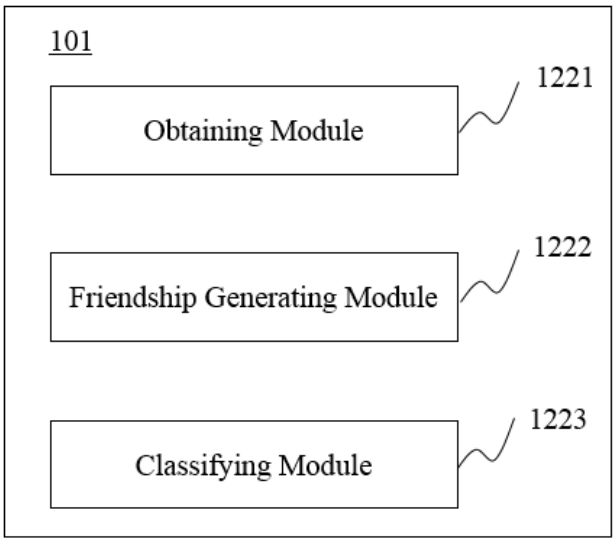


FIG. 12B

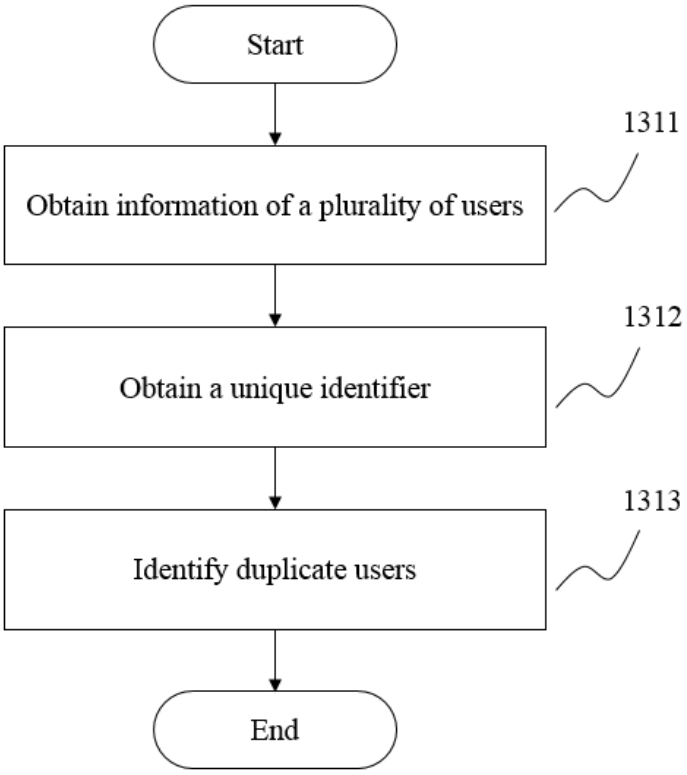


FIG. 13A

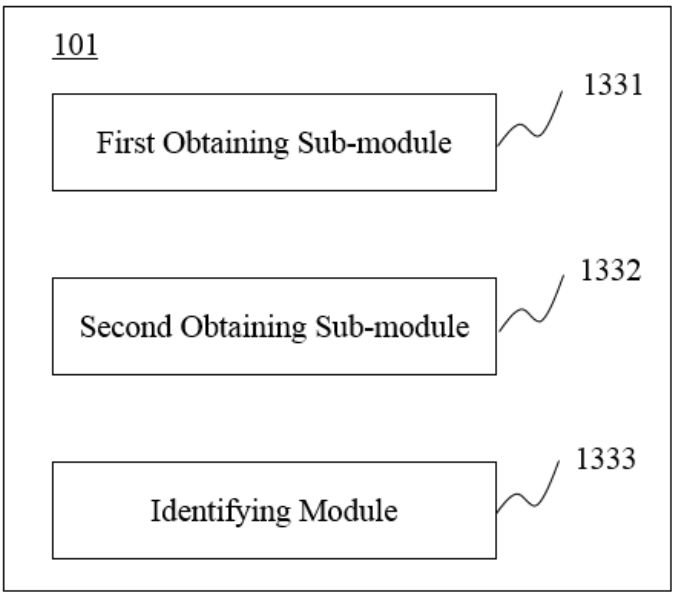


FIG. 13C

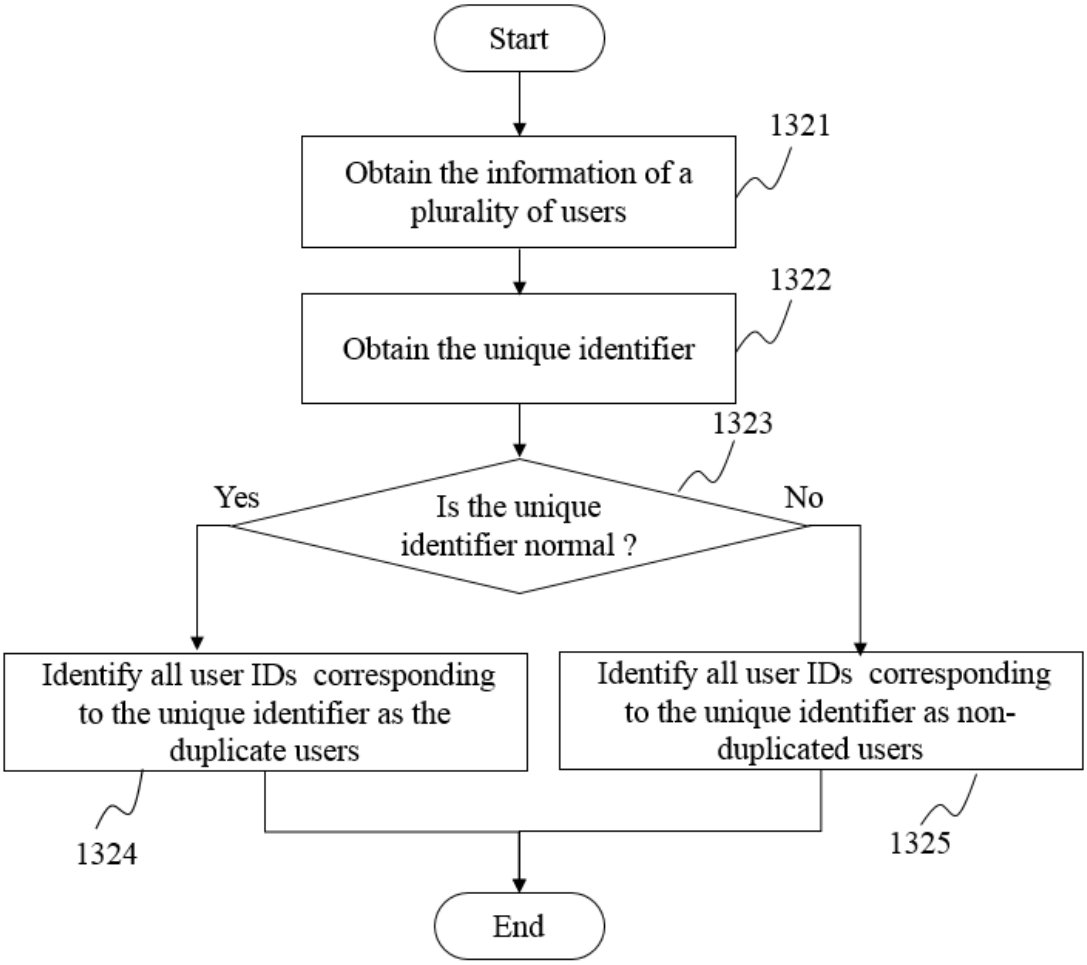

Start
1321
Obtain the information of a plurality of users
1322
Obtain the unique identifier
1323
Yes
Is the unique identifier normal ?
No
Identify all user IDs corresponding to the unique identifier as the duplicate users
Identify all user IDs corresponding to the unique identifier as non-duplicated users
1324
1325
End

FIG. 13B