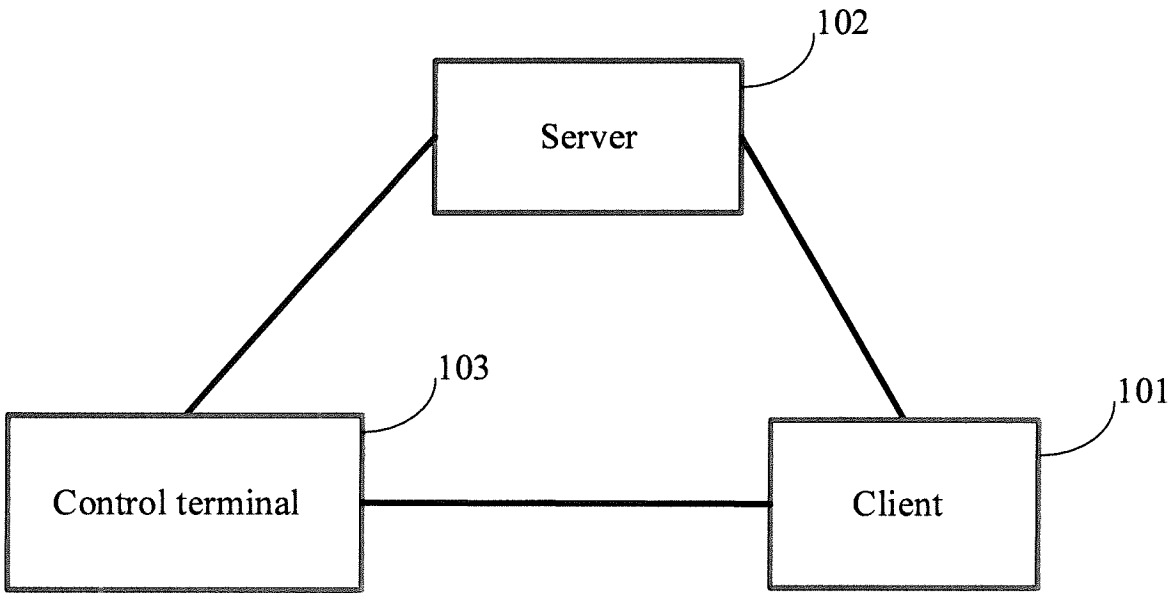

102
Server
103
101
Control terminal
Client

FIG. 1

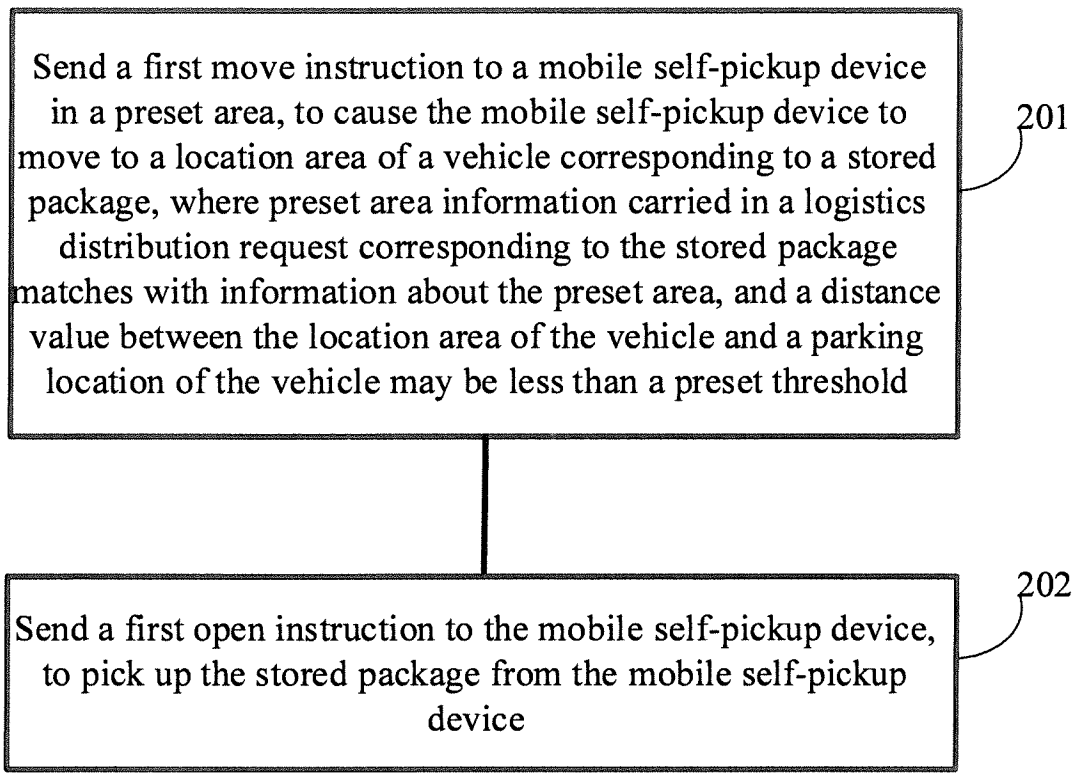

Send a first move instruction to a mobile self-pickup device in a preset area, to cause the mobile self-pickup device to move to a location area of a vehicle corresponding to a stored package, where preset area information carried in a logistics distribution request corresponding to the stored package matches with information about the preset area, and a distance value between the location area of the vehicle and a parking location of the vehicle may be less than a preset threshold
201
Send a first open instruction to the mobile self-pickup device, to pick up the stored package from the mobile self-pickup device
202

FIG. 2

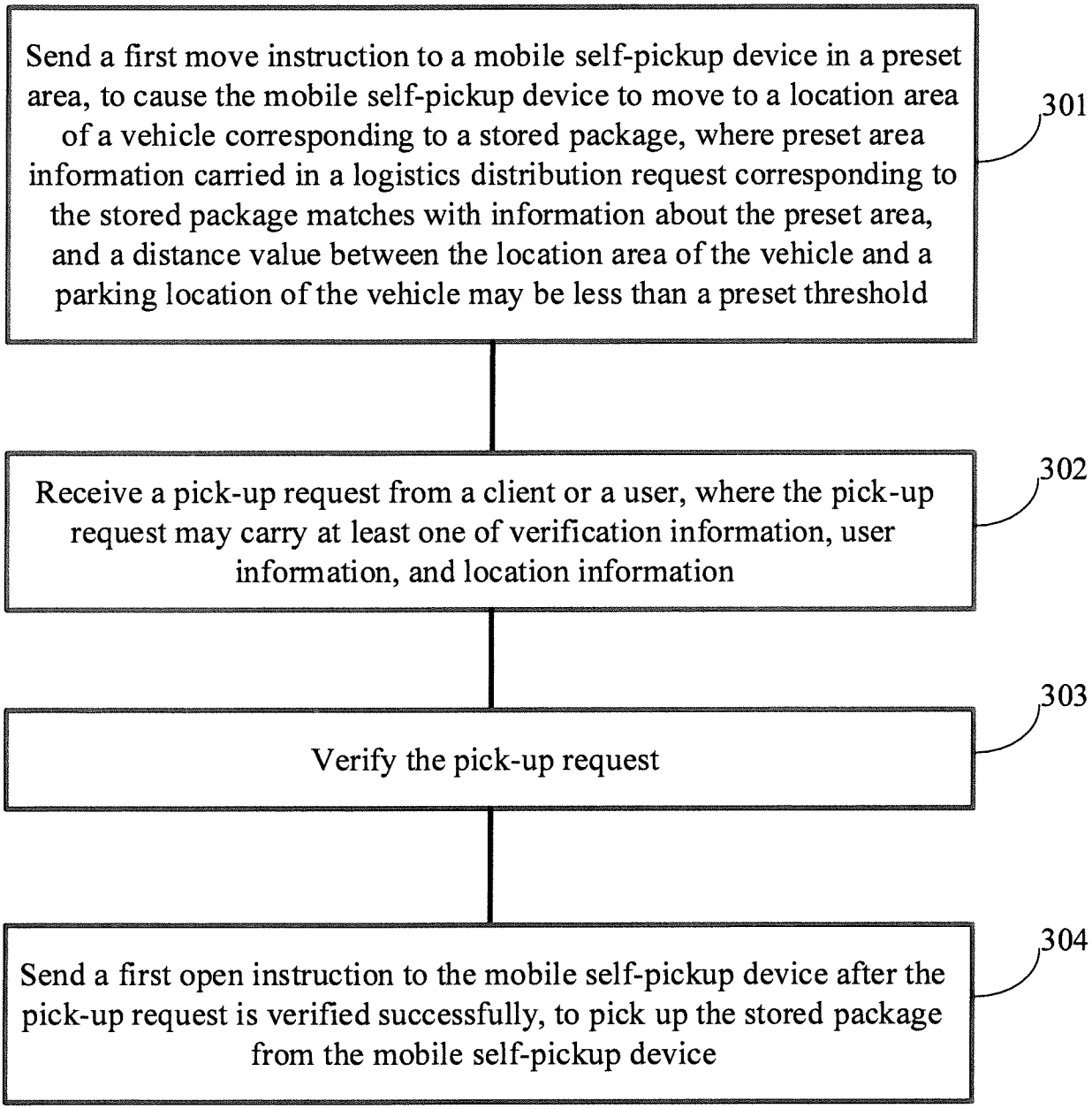

Send a first move instruction to a mobile self-pickup device in a preset area, to cause the mobile self-pickup device to move to a location area of a vehicle corresponding to a stored package, where preset area information carried in a logistics distribution request corresponding to the stored package matches with information about the preset area, and a distance value between the location area of the vehicle and a parking location of the vehicle may be less than a preset threshold
301
Receive a pick-up request from a client or a user, where the pick-up request may carry at least one of verification information, user information, and location information
302
Verify the pick-up request
303
Send a first open instruction to the mobile self-pickup device after the pick-up request is verified successfully, to pick up the stored package from the mobile self-pickup device
304

FIG. 3

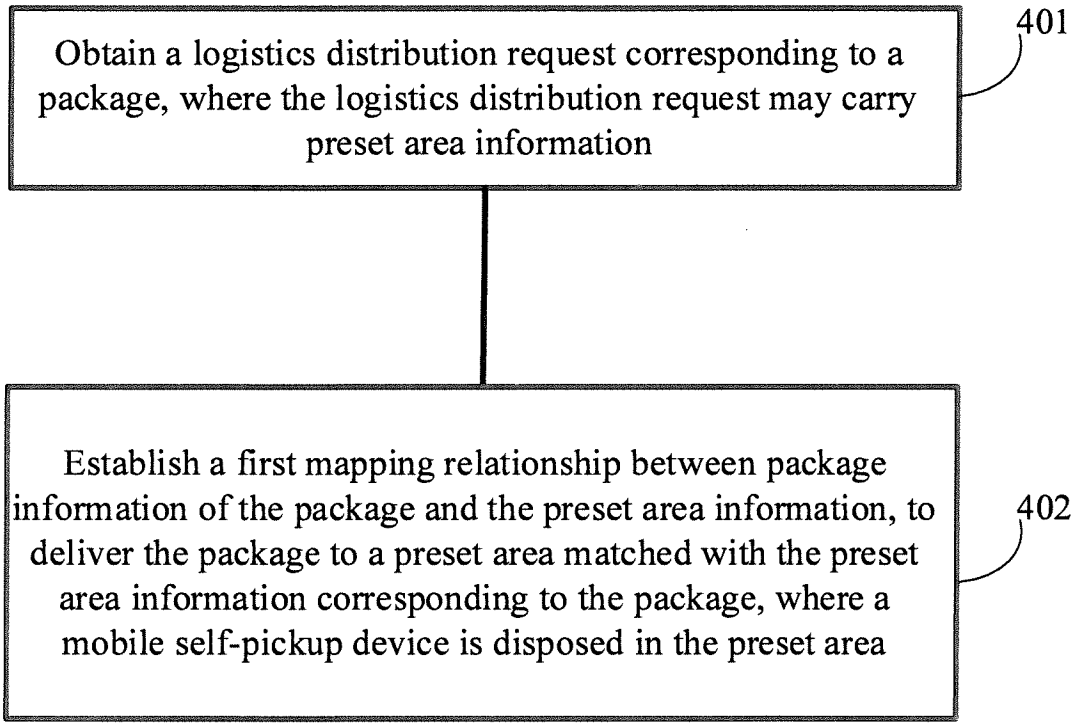

Obtain a logistics distribution request corresponding to a package, where the logistics distribution request may carry preset area information
401
Establish a first mapping relationship between package information of the package and the preset area information, to deliver the package to a preset area matched with the preset area information corresponding to the package, where a mobile self-pickup device is disposed in the preset area
402

FIG. 4

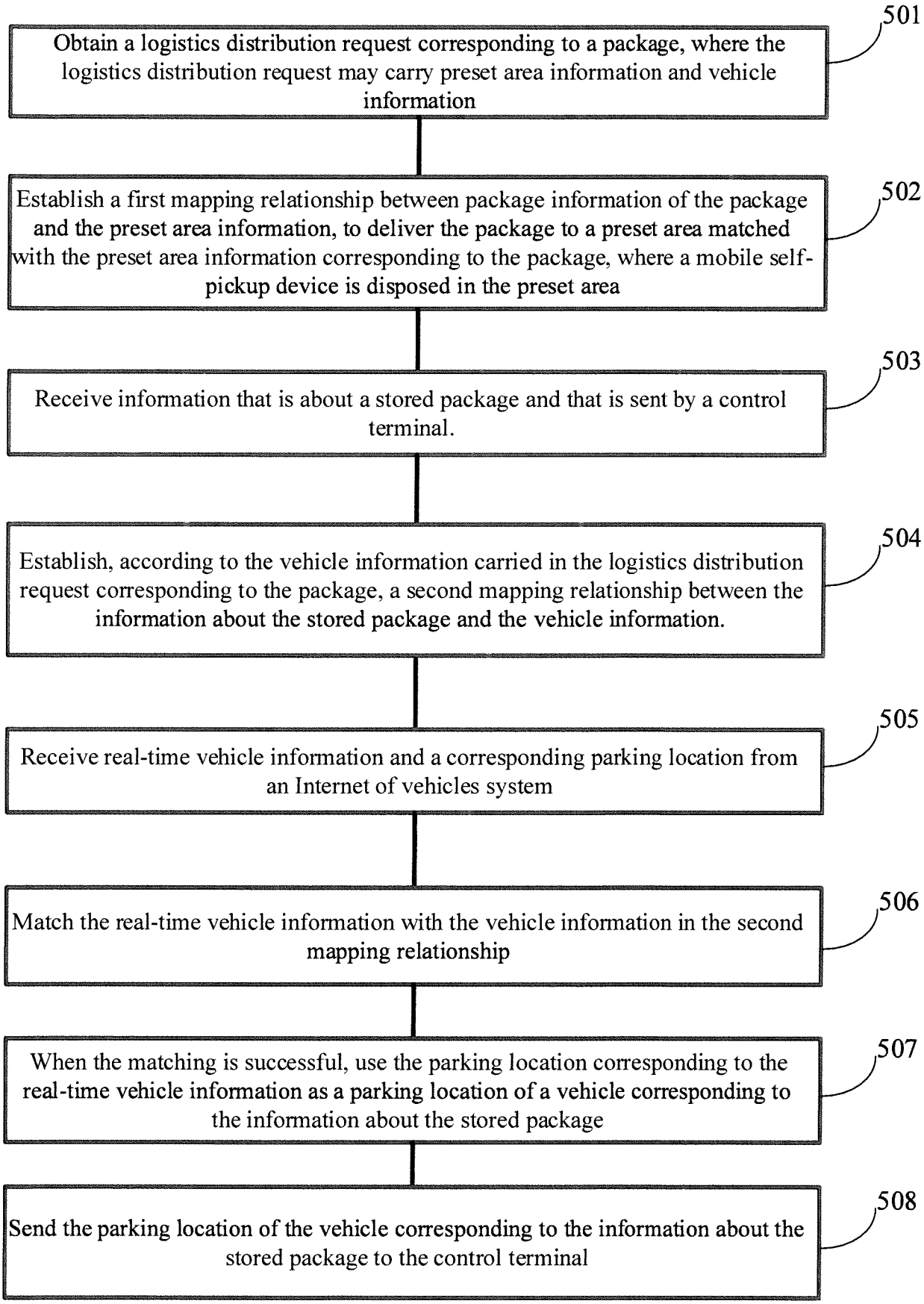

501
Obtain a logistics distribution request corresponding to a package, where the logistics distribution request may carry preset area information and vehicle information
502
Establish a first mapping relationship between package information of the package and the preset area information, to deliver the package to a preset area matched with the preset area information corresponding to the package, where a mobile self-pickup device is disposed in the preset area
503
Receive information that is about a stored package and that is sent by a control terminal.
504
Establish, according to the vehicle information carried in the logistics distribution request corresponding to the package, a second mapping relationship between the information about the stored package and the vehicle information.
505
Receive real-time vehicle information and a corresponding parking location from an Internet of vehicles system
506
Match the real-time vehicle information with the vehicle information in the second mapping relationship
507
When the matching is successful, use the parking location corresponding to the real-time vehicle information as a parking location of a vehicle corresponding to the information about the stored package
508
Send the parking location of the vehicle corresponding to the information about the stored package to the control terminal

FIG. 5

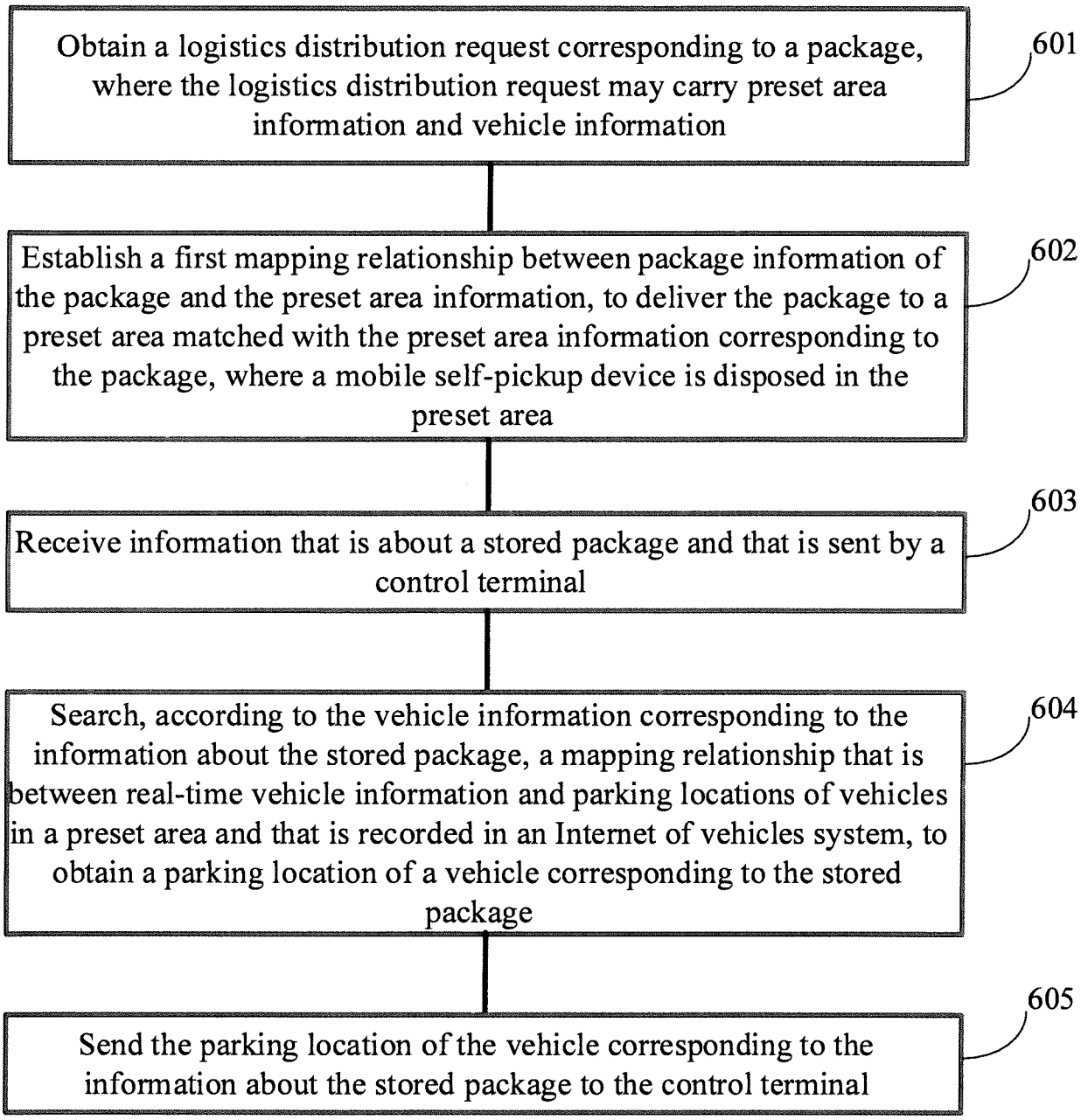

Obtain a logistics distribution request corresponding to a package, where the logistics distribution request may carry preset area information and vehicle information
601
Establish a first mapping relationship between package information of the package and the preset area information, to deliver the package to a preset area matched with the preset area information corresponding to the package, where a mobile self-pickup device is disposed in the preset area
602
Receive information that is about a stored package and that is sent by a control terminal
603
Search, according to the vehicle information corresponding to the information about the stored package, a mapping relationship that is between real-time vehicle information and parking locations of vehicles in a preset area and that is recorded in an Internet of vehicles system, to obtain a parking location of a vehicle corresponding to the stored package
604
Send the parking location of the vehicle corresponding to the information about the stored package to the control terminal
605

FIG. 6

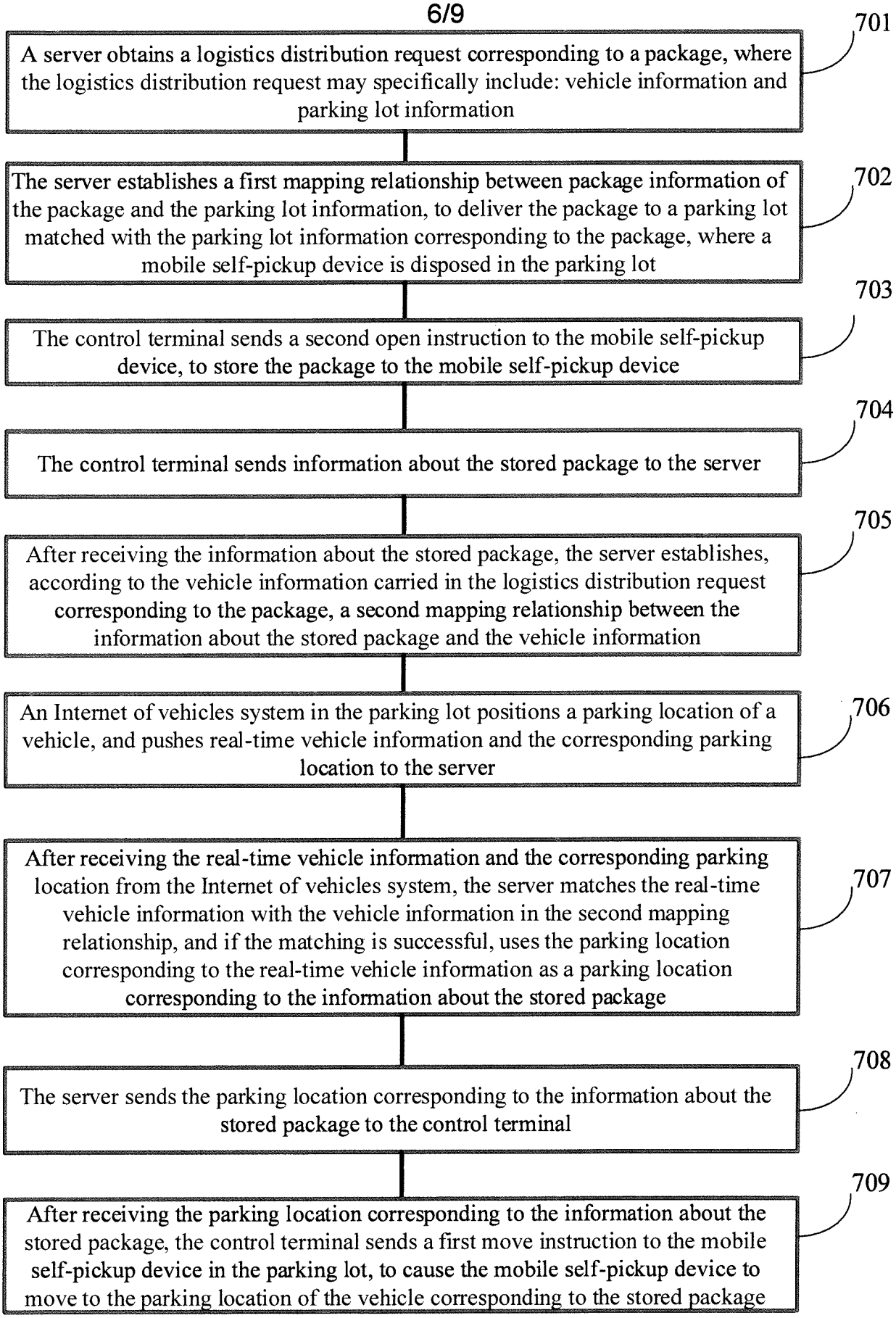


FIG. 7 (continue on the next page)

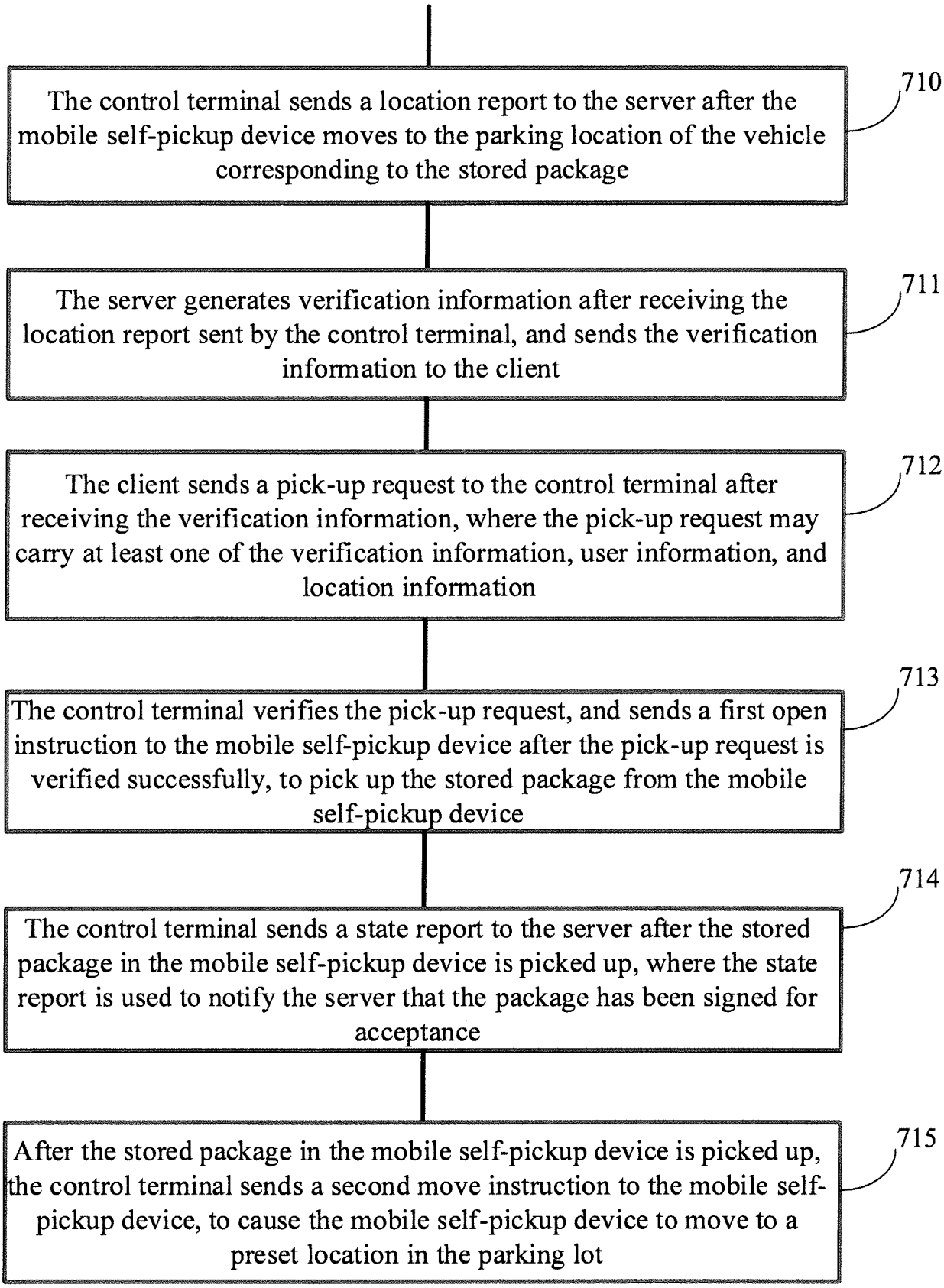


FIG. 7 (continue from the previous page)

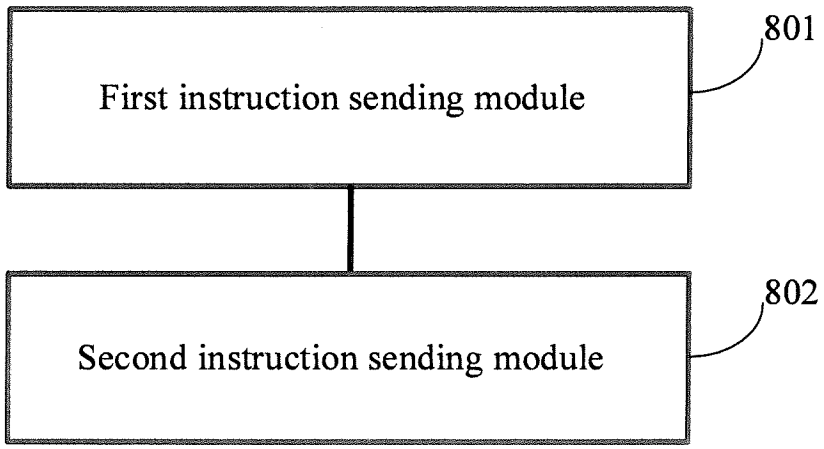

First instruction sending module
801
Second instruction sending module
802

FIG. 8

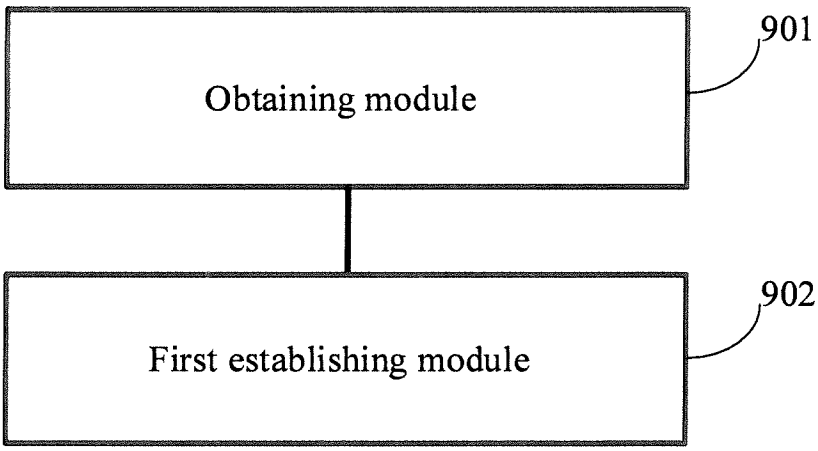

Obtaining module
901
First establishing module
902

FIG. 9

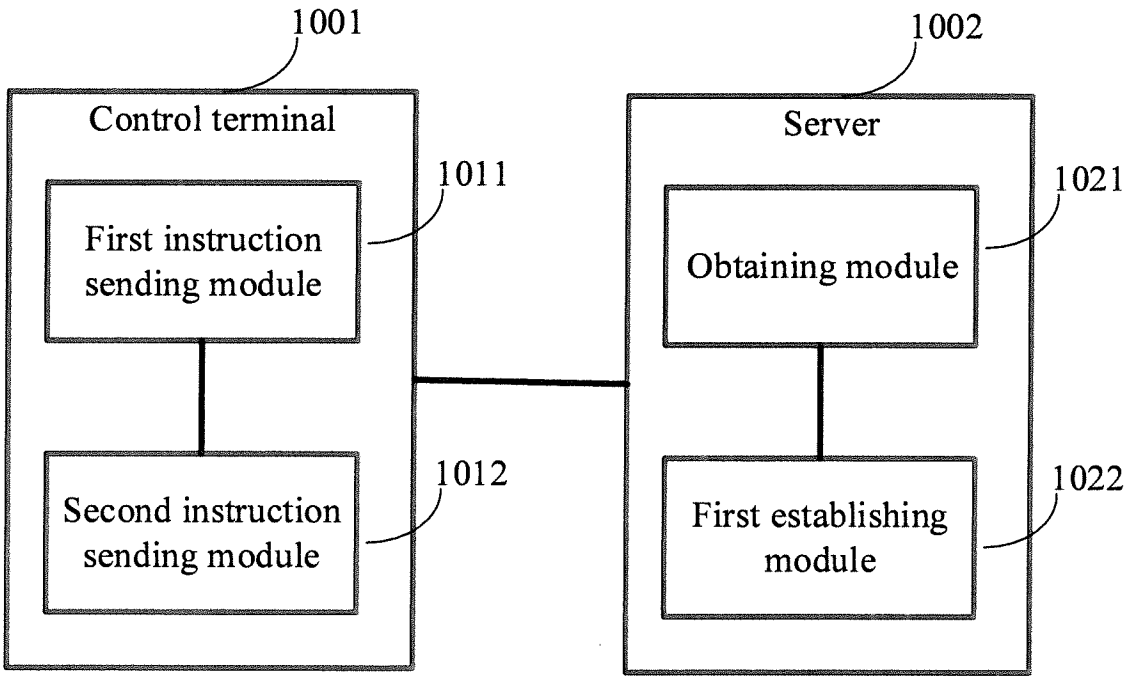

1001
Control terminal
1011
First instruction sending module
Second instruction sending module
1012
1002
Server
1021
Obtaining module
First establishing module
1022

FIG. 10

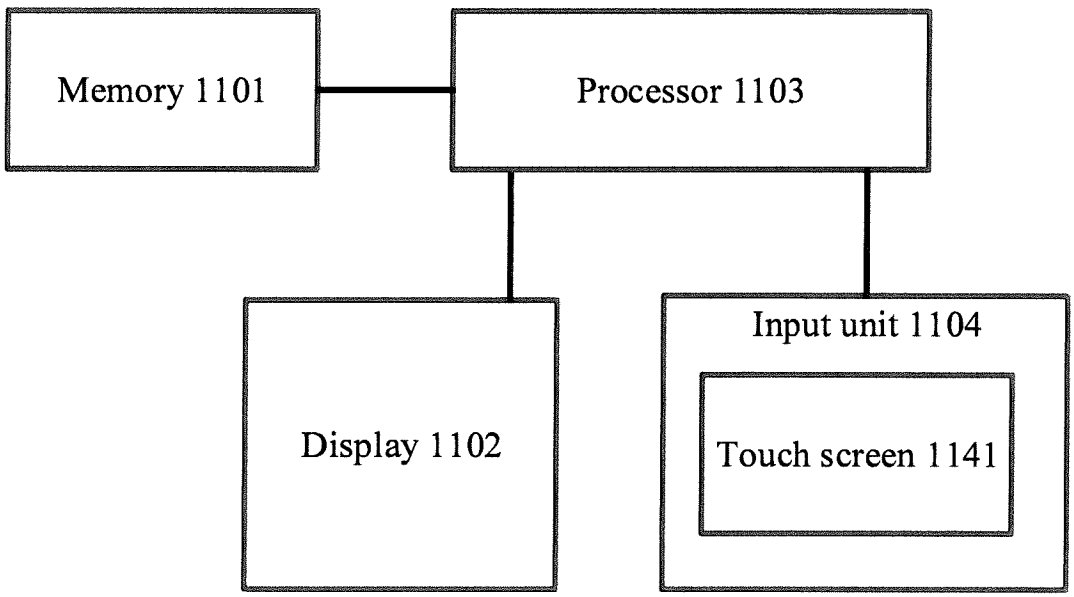

Memory 1101
Processor 1103
Display 1102
Input unit 1104
Touch screen 1141

FIG. 11