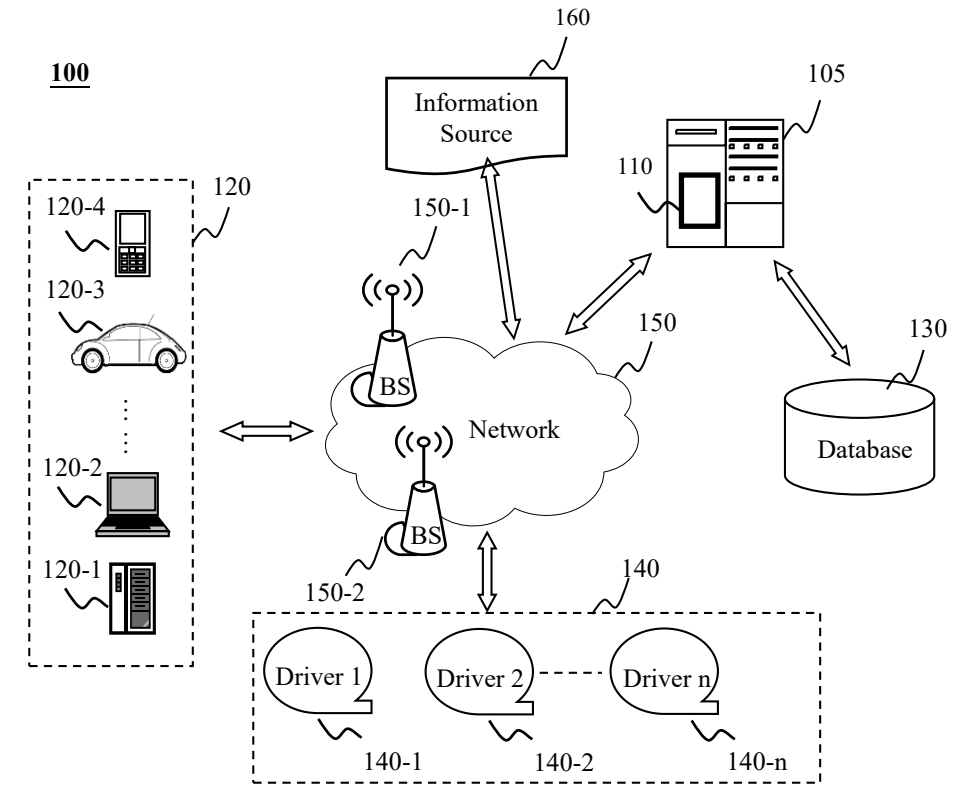

100
160
Information Source
105
110
120
120-4
120-3
120-2
120-1
150-1
150
130
BS
Network
Database
BS
150-2
140
Driver 1
Driver 2
Driver n
140-1
140-2
140-n

FIG. 1-A

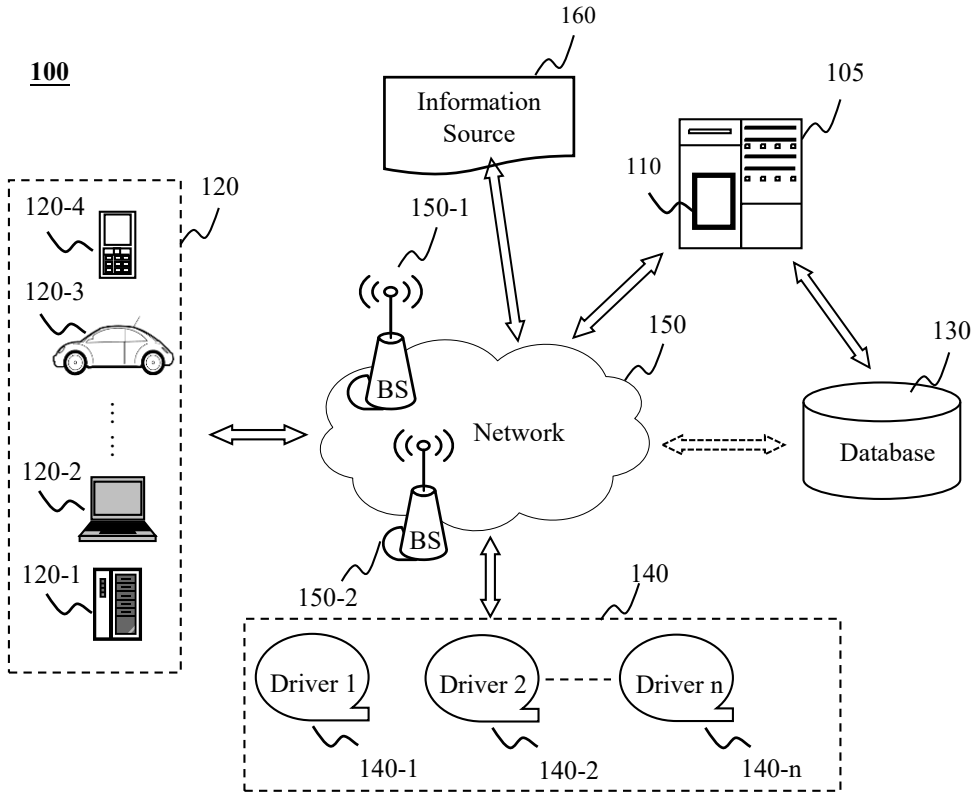

100
160
Information Source
105
110
120
120-4
120-3
120-2
120-1
150-1
150
130
BS
Network
Database
BS
150-2
140
Driver 1
Driver 2
Driver n
140-1
140-2
140-n

FIG. 1-B

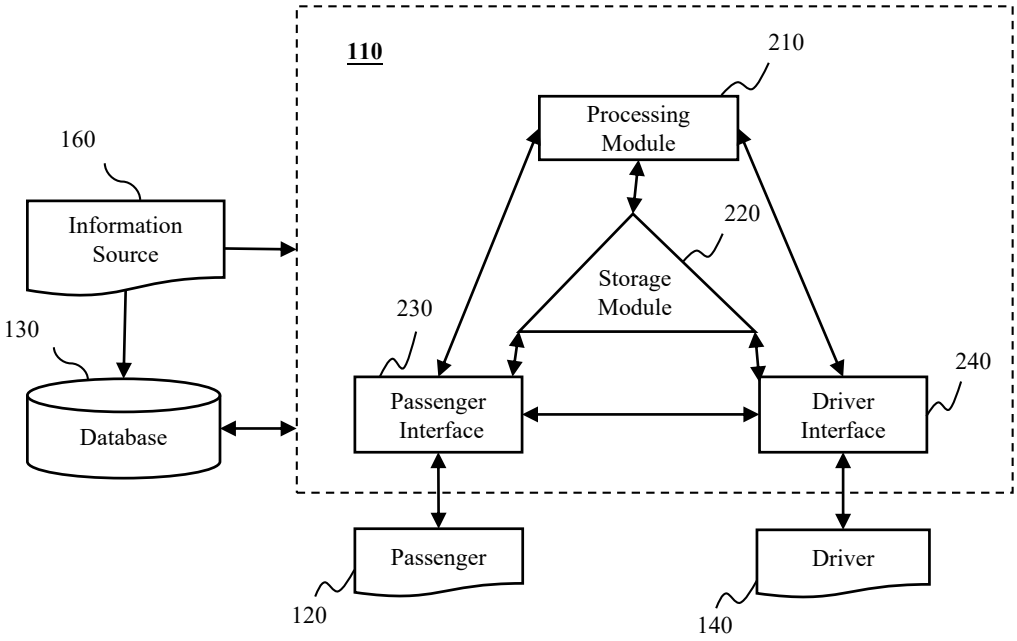

110
210
Processing Module
160
Information Source
220
Storage Module
230
130
240
Database
Passenger Interface
Driver Interface
Passenger
Driver
120
140

FIG. 2

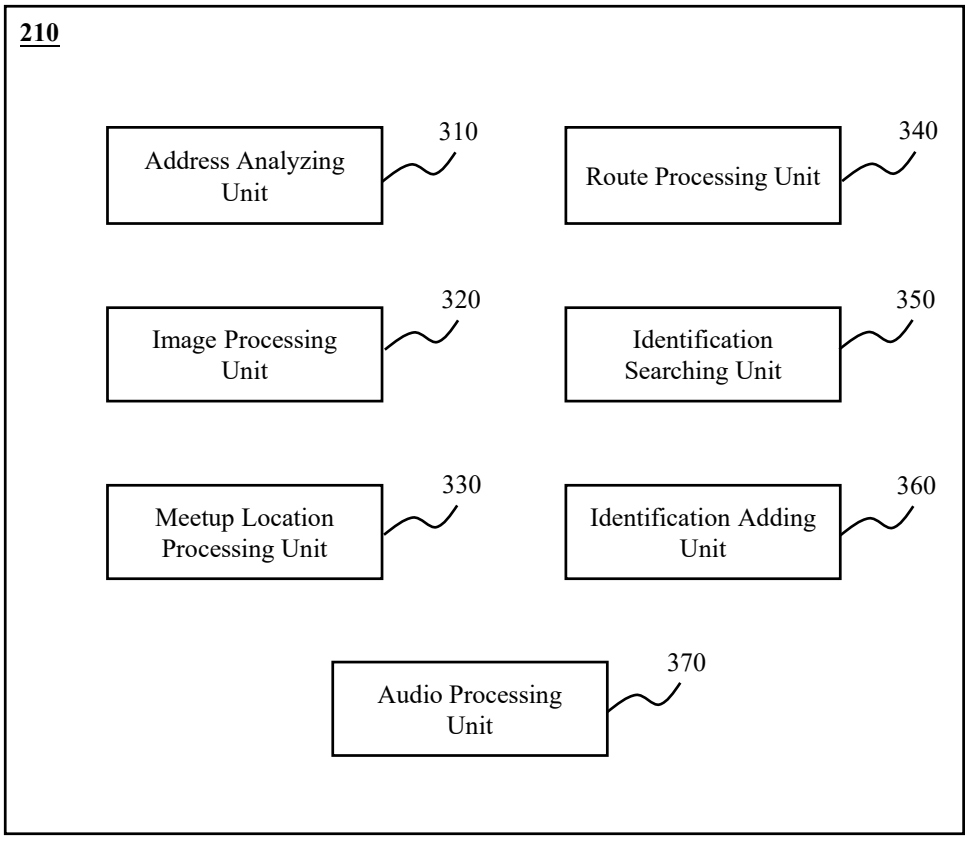

210
Address Analyzing Unit
310
Route Processing Unit
340
Image Processing Unit
320
Identification Searching Unit
350
Meetup Location Processing Unit
330
Identification Adding Unit
360
Audio Processing Unit
370

FIG. 3

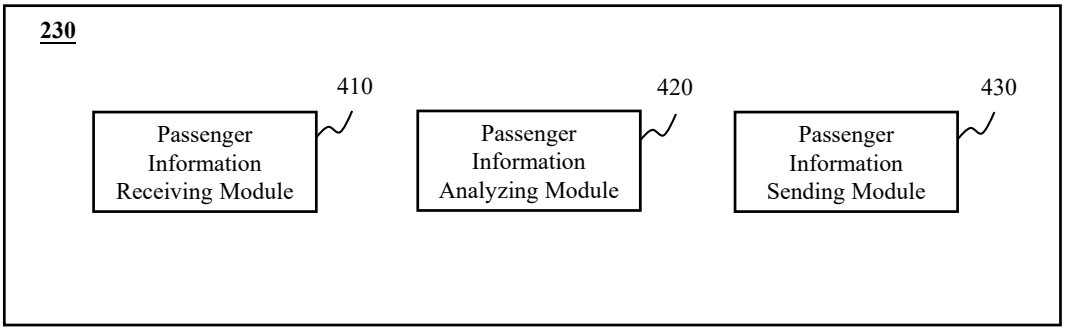


FIG. 4

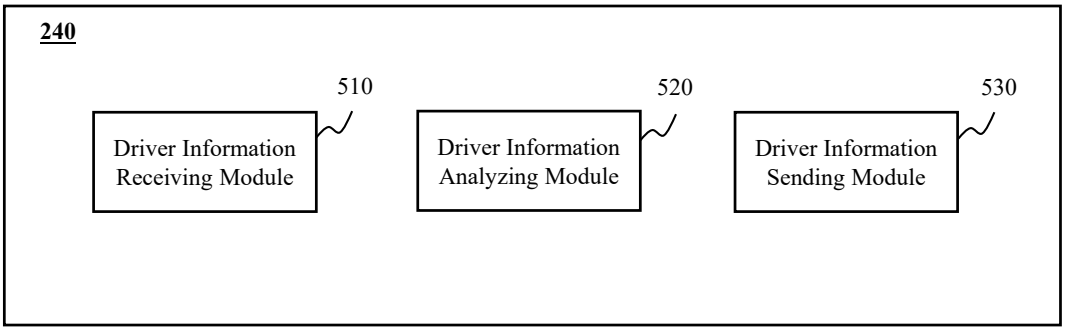


FIG. 5

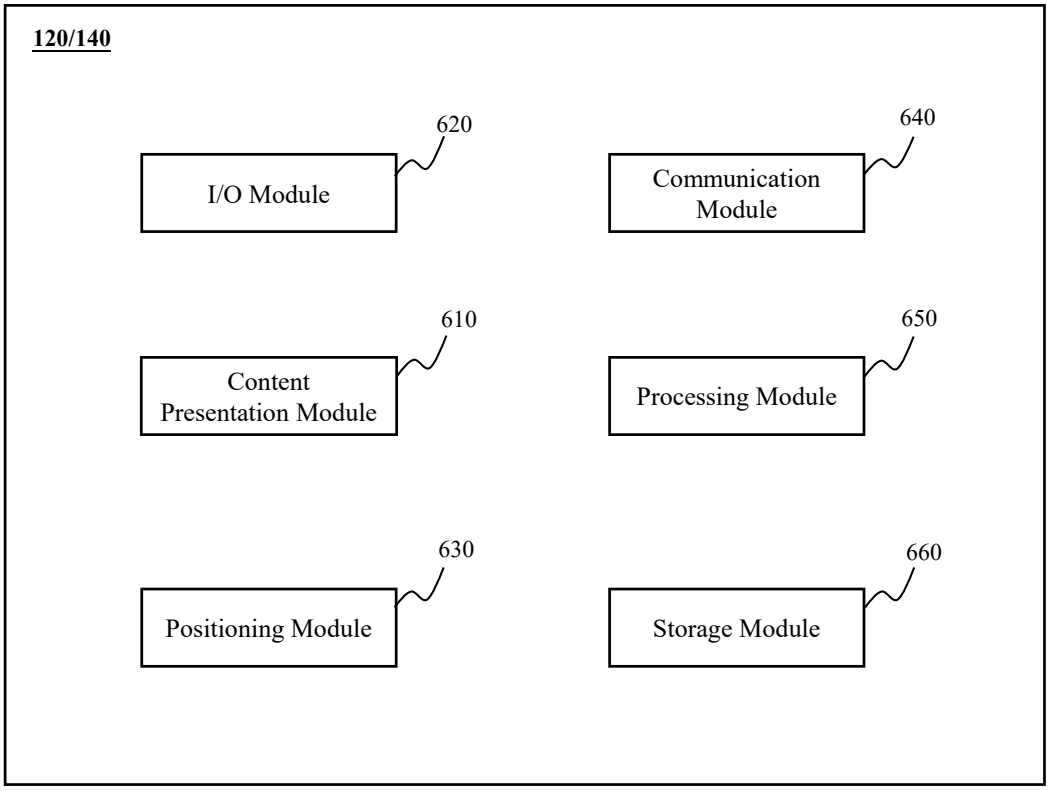


FIG. 6

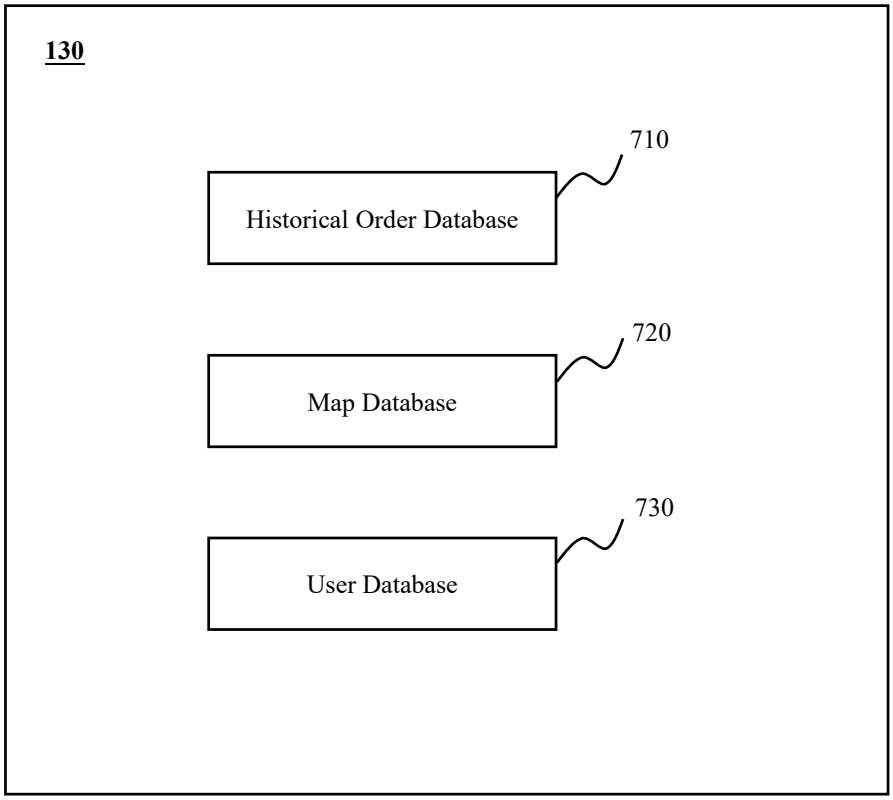

130
710
Historical Order Database
720
Map Database
730
User Database

FIG. 7

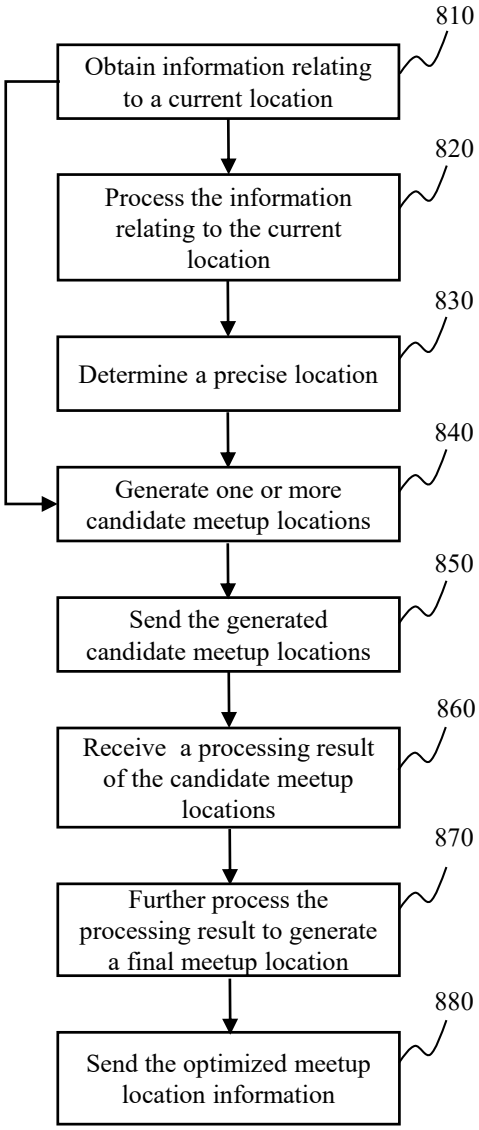

810
Obtain information relating to a current location
820
Process the information relating to the current location
830
Determine a precise location
840
Generate one or more candidate meetup locations
850
Send the generated candidate meetup locations
860
Receive a processing result of the candidate meetup locations
870
Further process the processing result to generate a final meetup location
880
Send the optimized meetup location information

FIG. 8

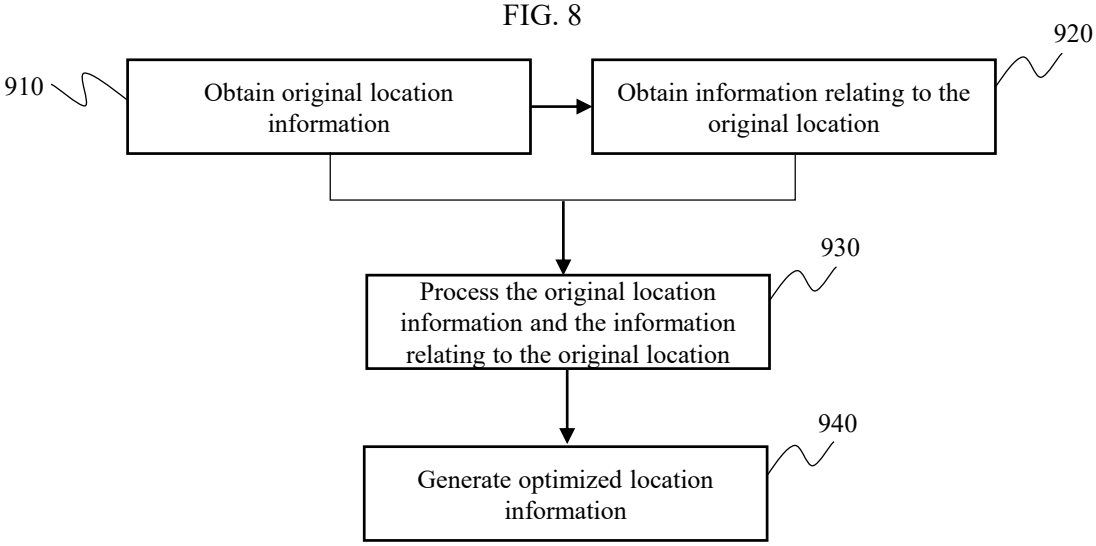

910
Obtain original location information
920
Obtain information relating to the original location
930
Process the original location information and the information relating to the original location
940
Generate optimized location information

FIG. 9

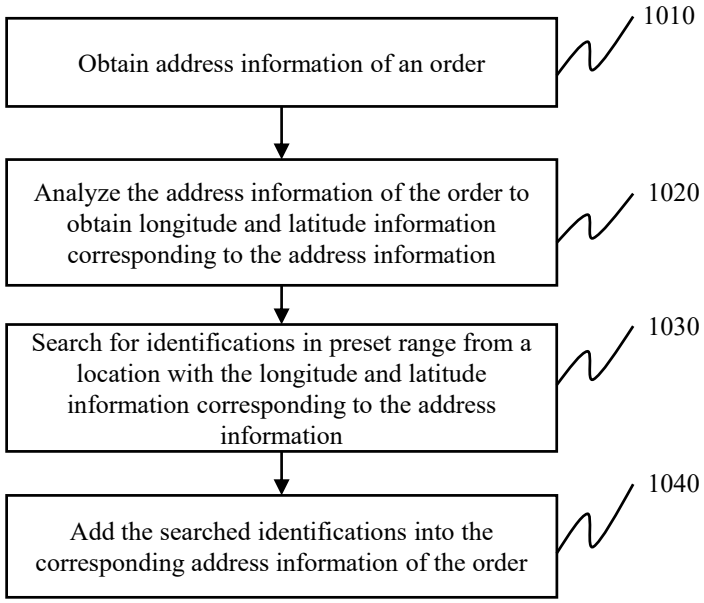

Obtain address information of an order
1010
Analyze the address information of the order to obtain longitude and latitude information corresponding to the address information
1020
Search for identifications in preset range from a location with the longitude and latitude information corresponding to the address information
1030
Add the searched identifications into the corresponding address information of the order
1040

FIG. 10

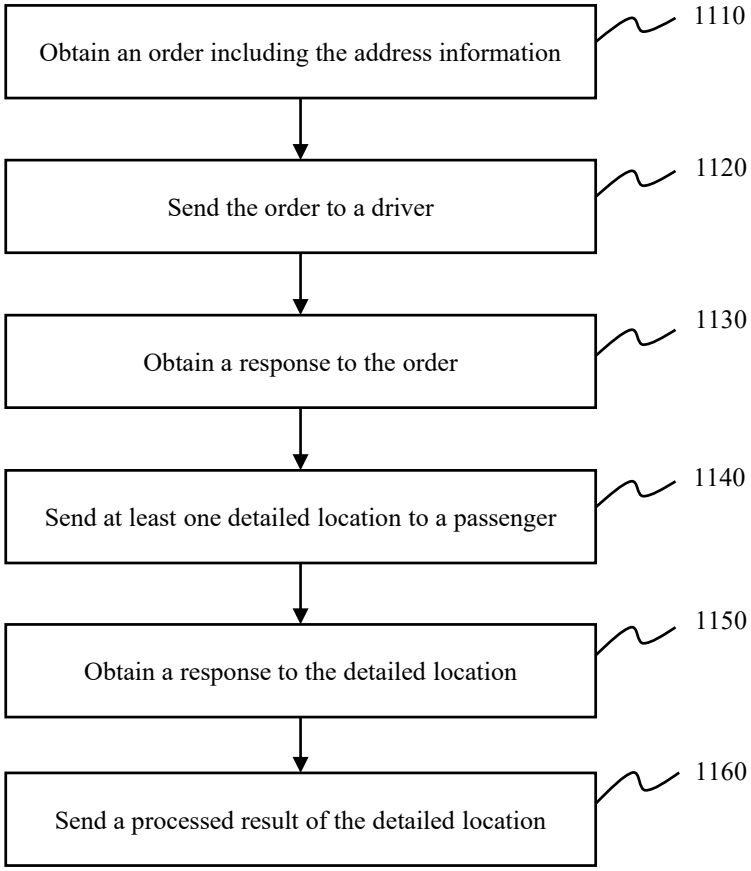

Obtain an order including the address information
1110
Send the order to a driver
1120
Obtain a response to the order
1130
Send at least one detailed location to a passenger
1140
Obtain a response to the detailed location
1150
Send a processed result of the detailed location
1160

FIG. 11

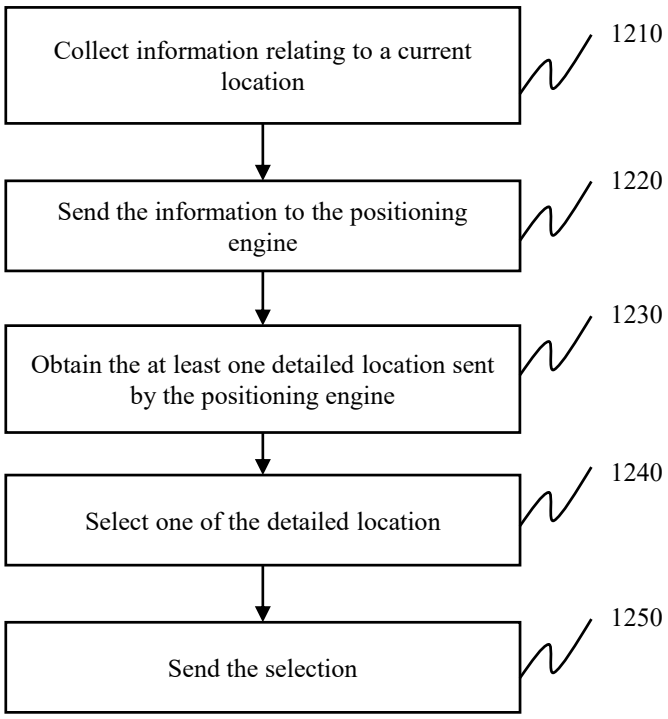

Collect information relating to a current location
1210
Send the information to the positioning engine
1220
Obtain the at least one detailed location sent by the positioning engine
1230
Select one of the detailed location
1240
Send the selection
1250

FIG. 12

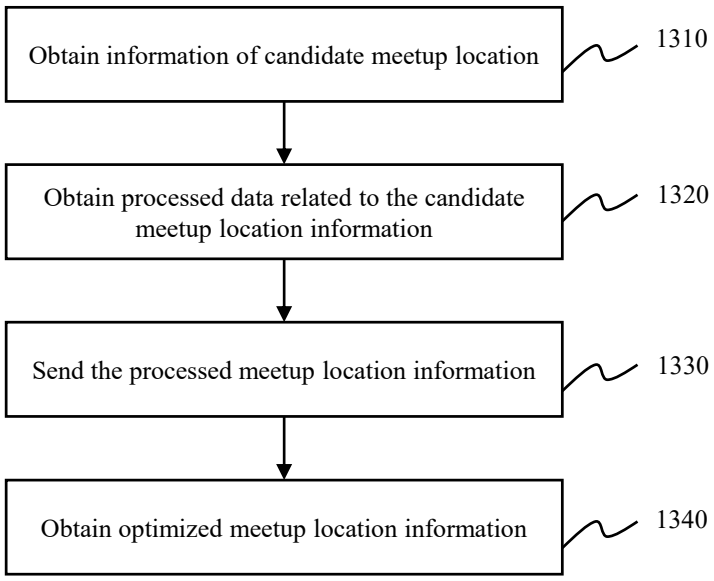

Obtain information of candidate meetup location
1310
Obtain processed data related to the candidate meetup location information
1320
Send the processed meetup location information
1330
Obtain optimized meetup location information
1340

FIG. 13

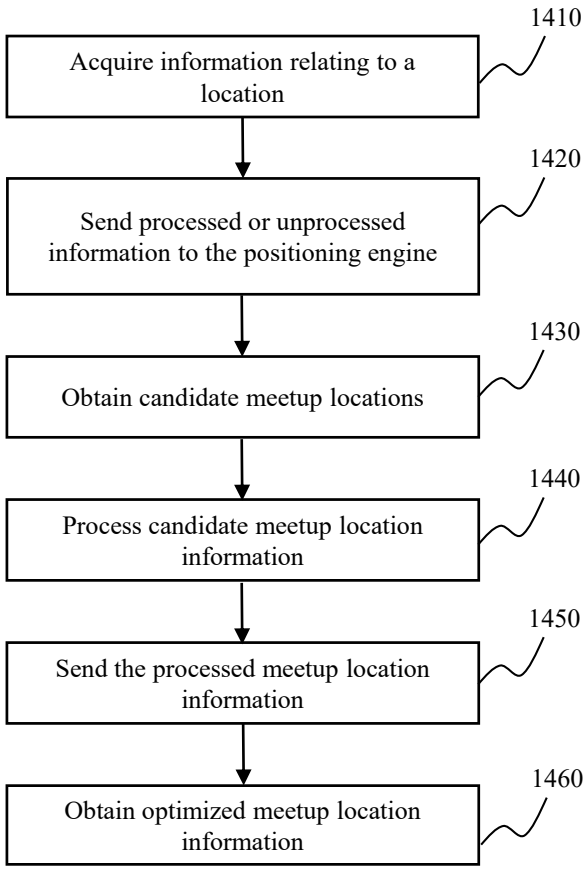

1410
Acquire information relating to a location
1420
Send processed or unprocessed information to the positioning engine
1430
Obtain candidate meetup locations
1440
Process candidate meetup location information
1450
Send the processed meetup location information
1460
Obtain optimized meetup location information

FIG. 14

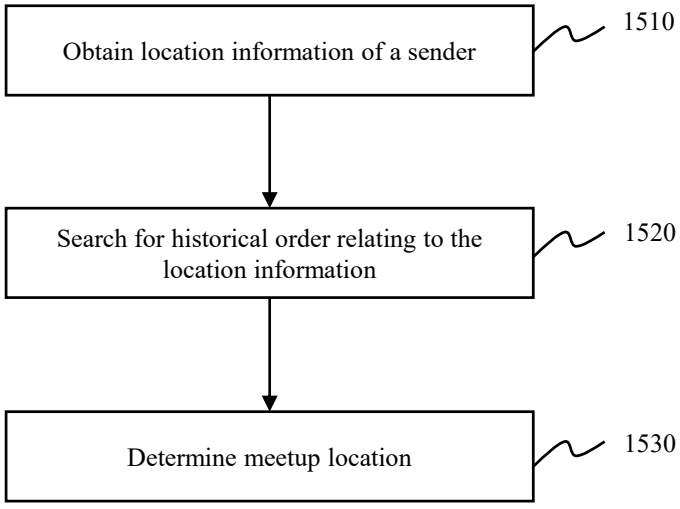

Obtain location information of a sender
1510
Search for historical order relating to the location information
1520
Determine meetup location
1530

FIG. 15

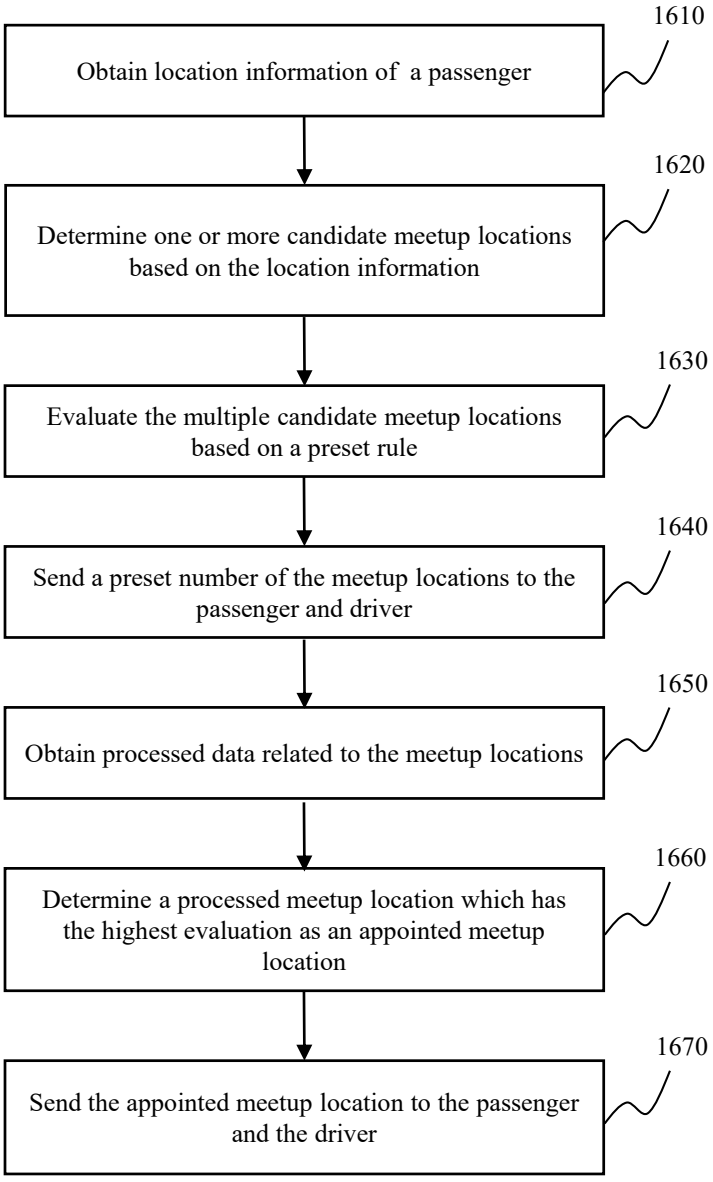

1610
Obtain location information of a passenger
1620
Determine one or more candidate meetup locations based on the location information
1630
Evaluate the multiple candidate meetup locations based on a preset rule
1640
Send a preset number of the meetup locations to the passenger and driver
1650
Obtain processed data related to the meetup locations
1660
Determine a processed meetup location which has the highest evaluation as an appointed meetup location
1670
Send the appointed meetup location to the passenger and the driver

FIG. 16

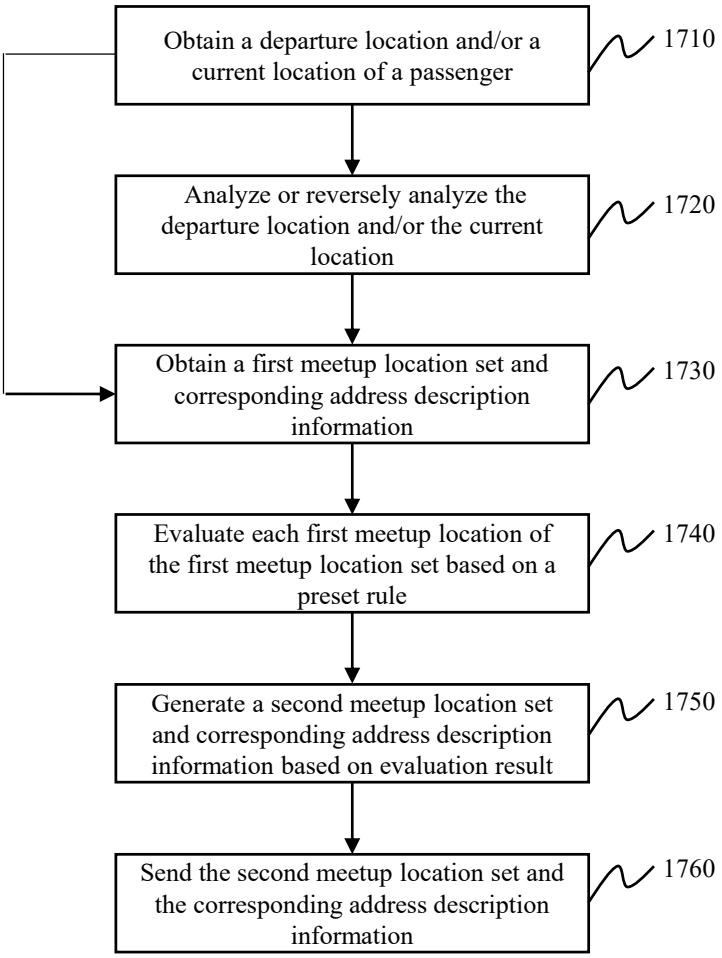

Obtain a departure location and/or a current location of a passenger
1710
Analyze or reversely analyze the departure location and/or the current location
1720
Obtain a first meetup location set and corresponding address description information
1730
Evaluate each first meetup location of the first meetup location set based on a preset rule
1740
Generate a second meetup location set and corresponding address description information based on evaluation result
1750
Send the second meetup location set and the corresponding address description information
1760

FIG. 17

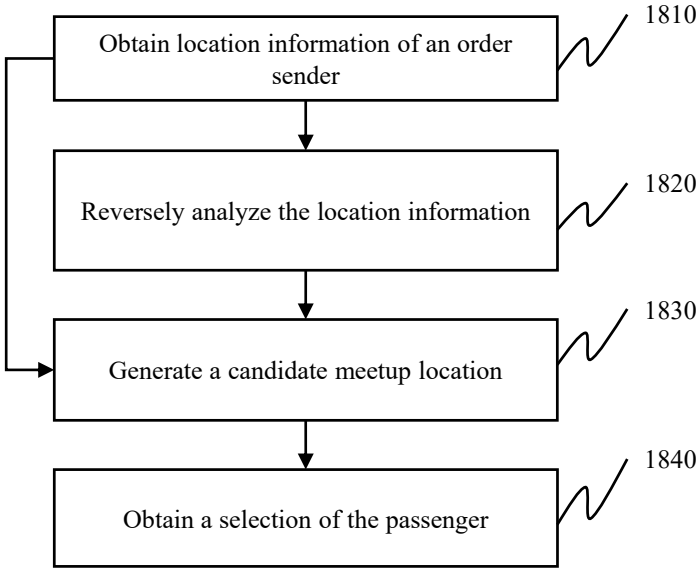

Obtain location information of an order sender
1810
Reversely analyze the location information
1820
Generate a candidate meetup location
1830
Obtain a selection of the passenger
1840

FIG. 18

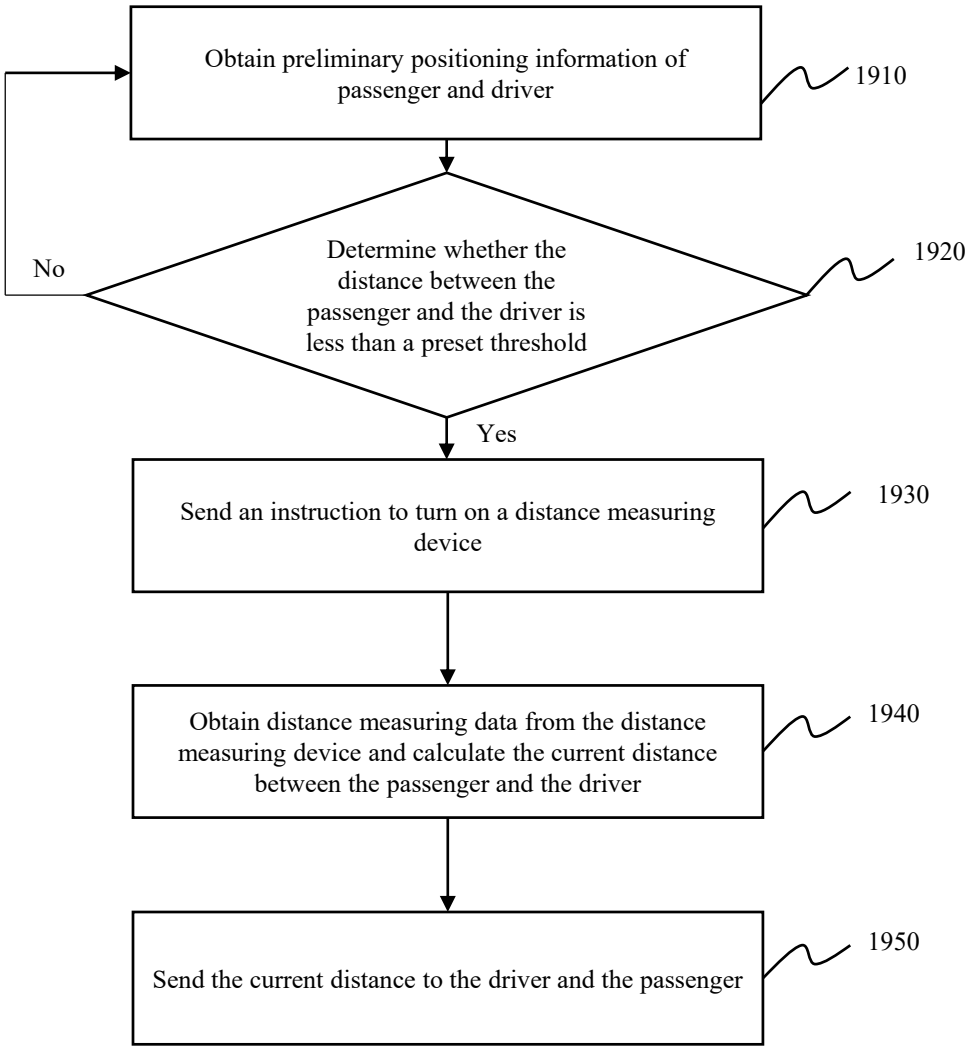

Obtain preliminary positioning information of passenger and driver
1910
Determine whether the distance between the passenger and the driver is less than a preset threshold
1920
No
Yes
Send an instruction to turn on a distance measuring device
1930
Obtain distance measuring data from the distance measuring device and calculate the current distance between the passenger and the driver
1940
Send the current distance to the driver and the passenger
1950

FIG. 19-A

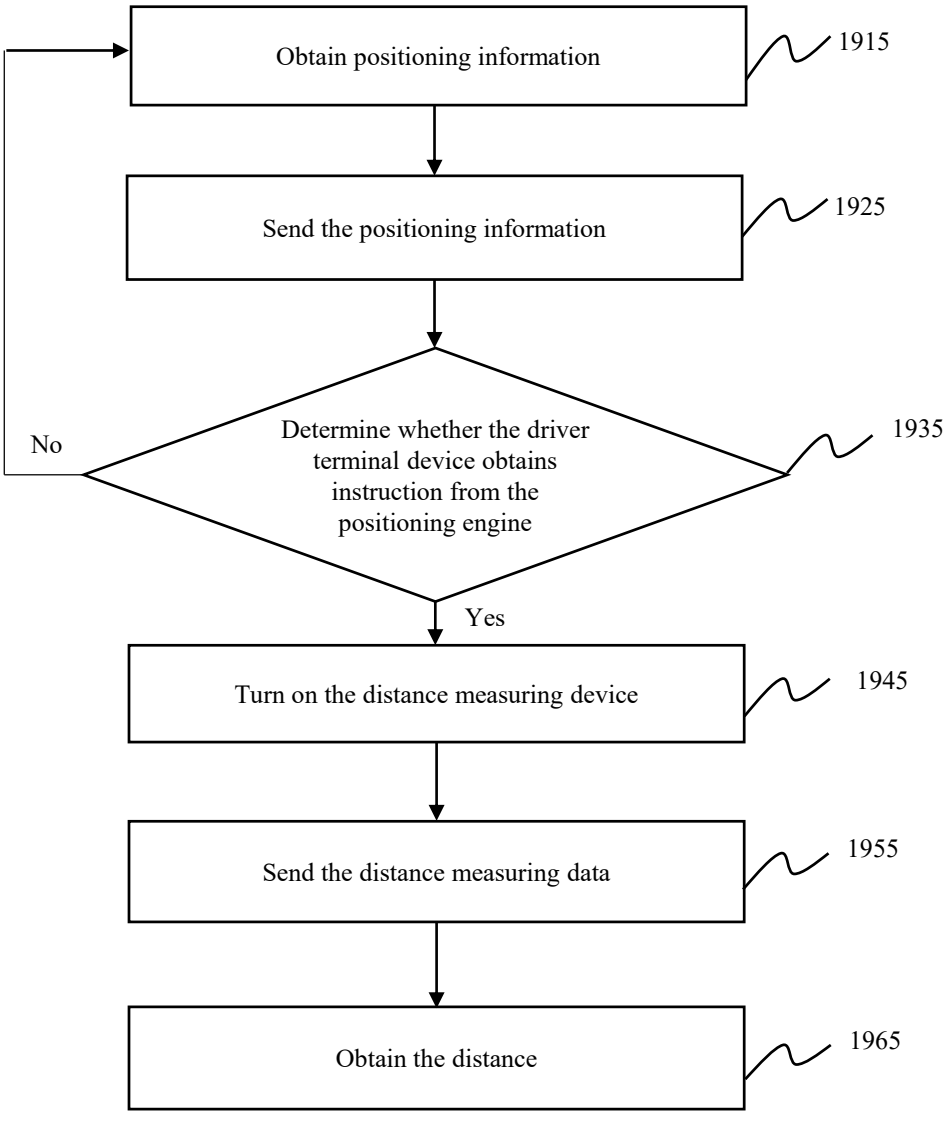

Obtain positioning information
1915
Send the positioning information
1925
Determine whether the driver terminal device obtains instruction from the positioning engine
1935
No
Yes
Turn on the distance measuring device
1945
Send the distance measuring data
1955
Obtain the distance
1965

FIG. 19-B

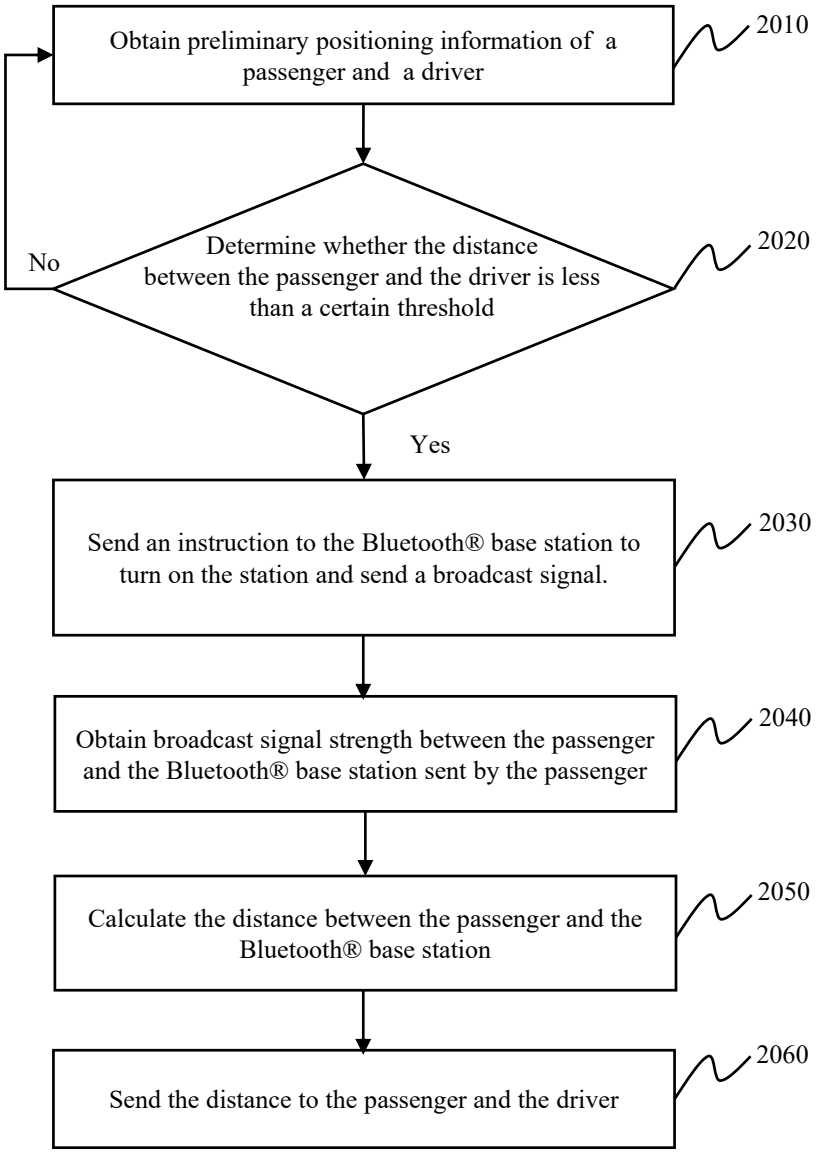

Obtain preliminary positioning information of a passenger and a driver
2010
Determine whether the distance between the passenger and the driver is less than a certain threshold
2020
No
Yes
Send an instruction to the Bluetooth® base station to turn on the station and send a broadcast signal.
2030
Obtain broadcast signal strength between the passenger and the Bluetooth® base station sent by the passenger
2040
Calculate the distance between the passenger and the Bluetooth® base station
2050
Send the distance to the passenger and the driver
2060

FIG. 20

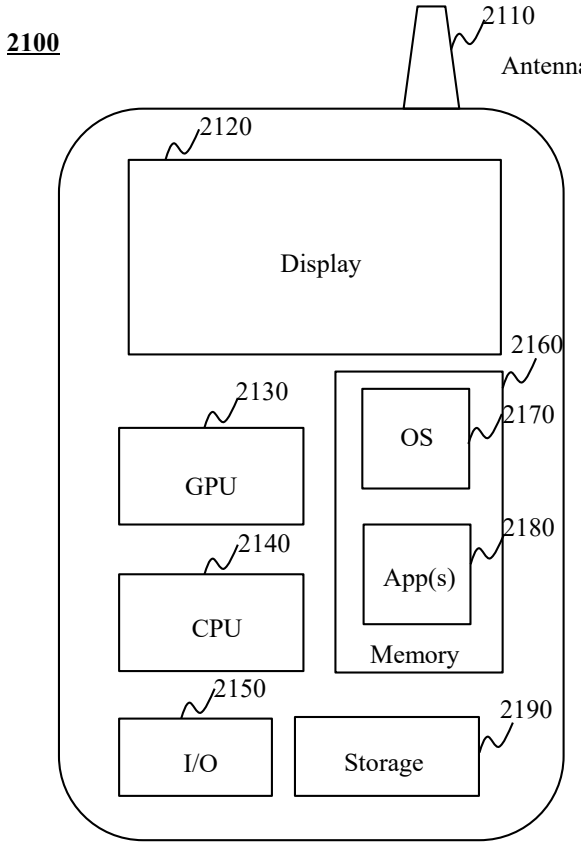

2100
2110
Antenna
2120
Display
2160
2130
OS
2170
GPU
2180
2140
App(s)
CPU
Memory
2150
2190
I/O
Storage

FIG. 21

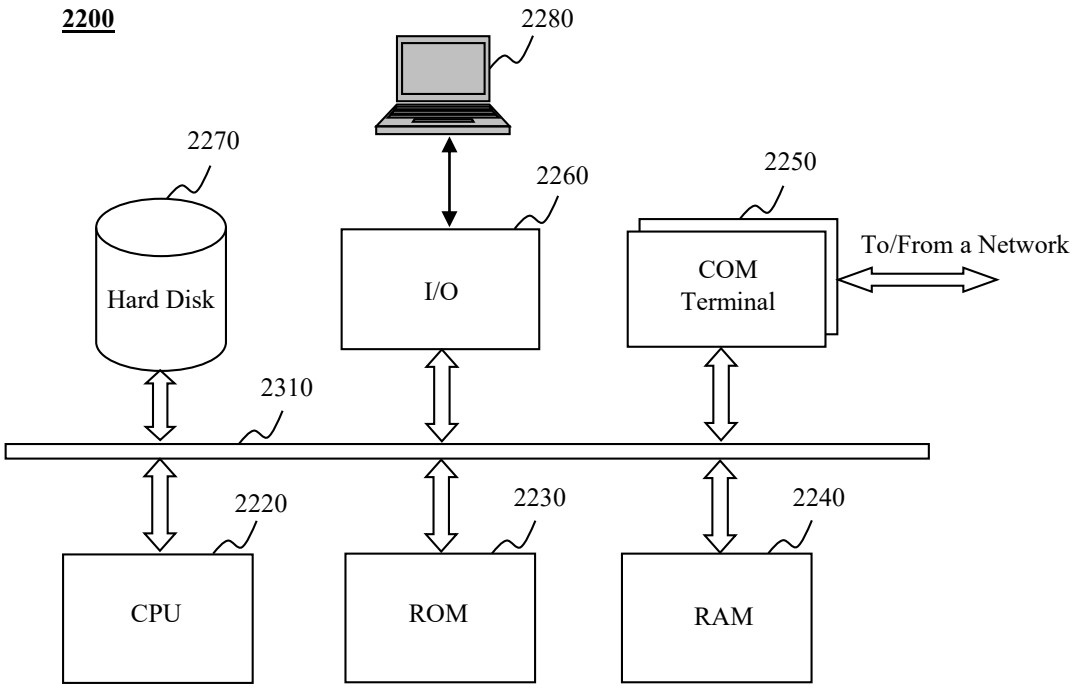

2200
2280
2270
2260
2250
To/From a Network
Hard Disk
I/O
COM
Terminal
2310
2220
2230
2240
CPU
ROM
RAM

FIG. 22