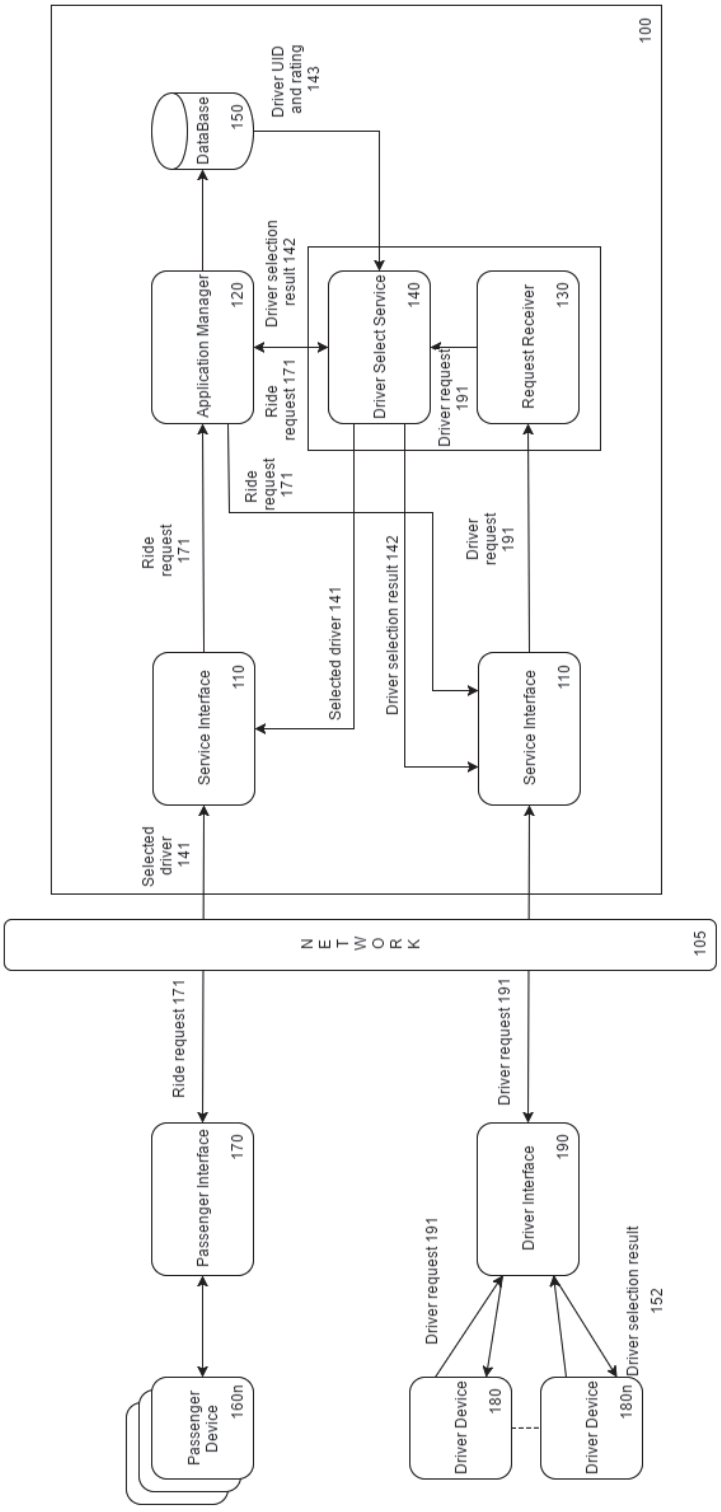

100
DataBase
150
Driver UID and rating 143
Application Manager
120
Driver selection result 142
Driver Select Service
140
Request Receiver
130
Ride request 171
Driver request 191
Ride request 171
Ride request 171
Driver request 191
Selected driver 141
Driver selection result 142
Service Interface
110
Service Interface
110
Selected driver 141
NETWORK
105
Ride request 171
Driver request 191
Passenger Interface
170
Driver Interface
190
Driver request 191
Driver selection result 152
Passenger Device
160n
Driver Device
180
Driver Device
180n

FIG. 1

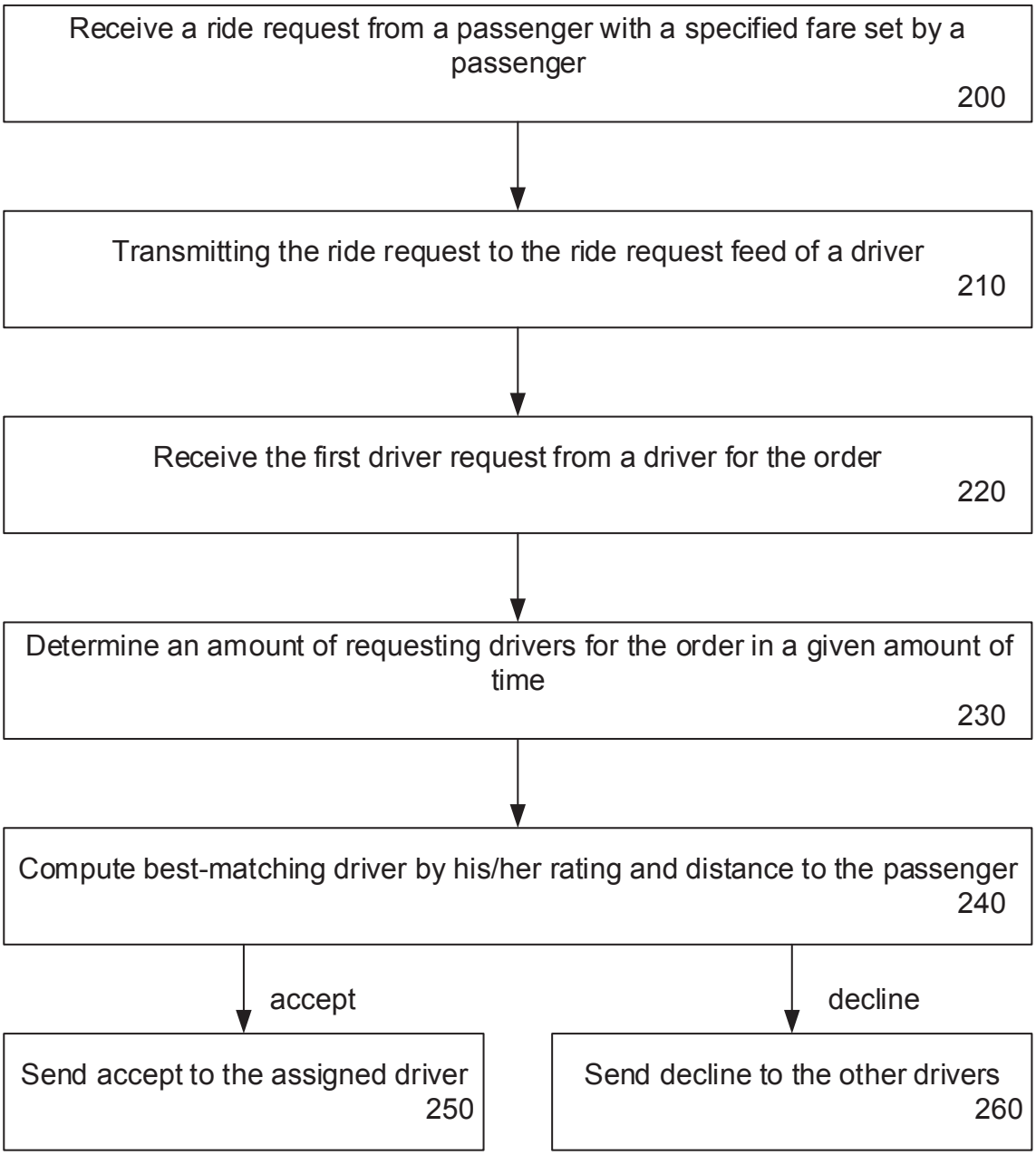

Receive a ride request from a passenger with a specified fare set by a passenger
200
Transmitting the ride request to the ride request feed of a driver
210
Receive the first driver request from a driver for the order
220
Determine an amount of requesting drivers for the order in a given amount of time
230
Compute best-matching driver by his/her rating and distance to the passenger
240
accept
decline
Send accept to the assigned driver
250
Send decline to the other drivers
260

FIG. 2

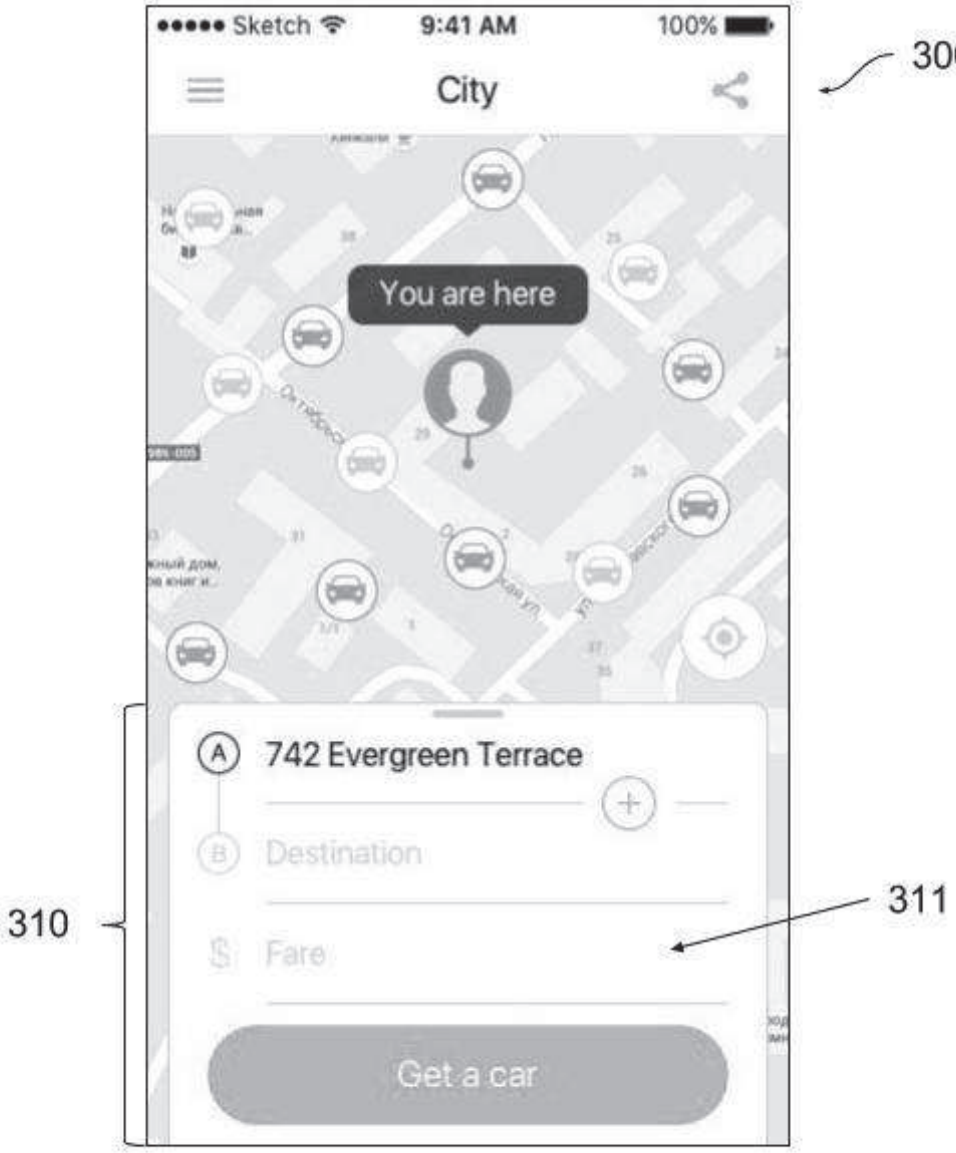

Sketch
9:41 AM
100%
City
300
You are here
742 Evergreen Terrace
Destination
Fare
Get a car
310
311

FIG. 3

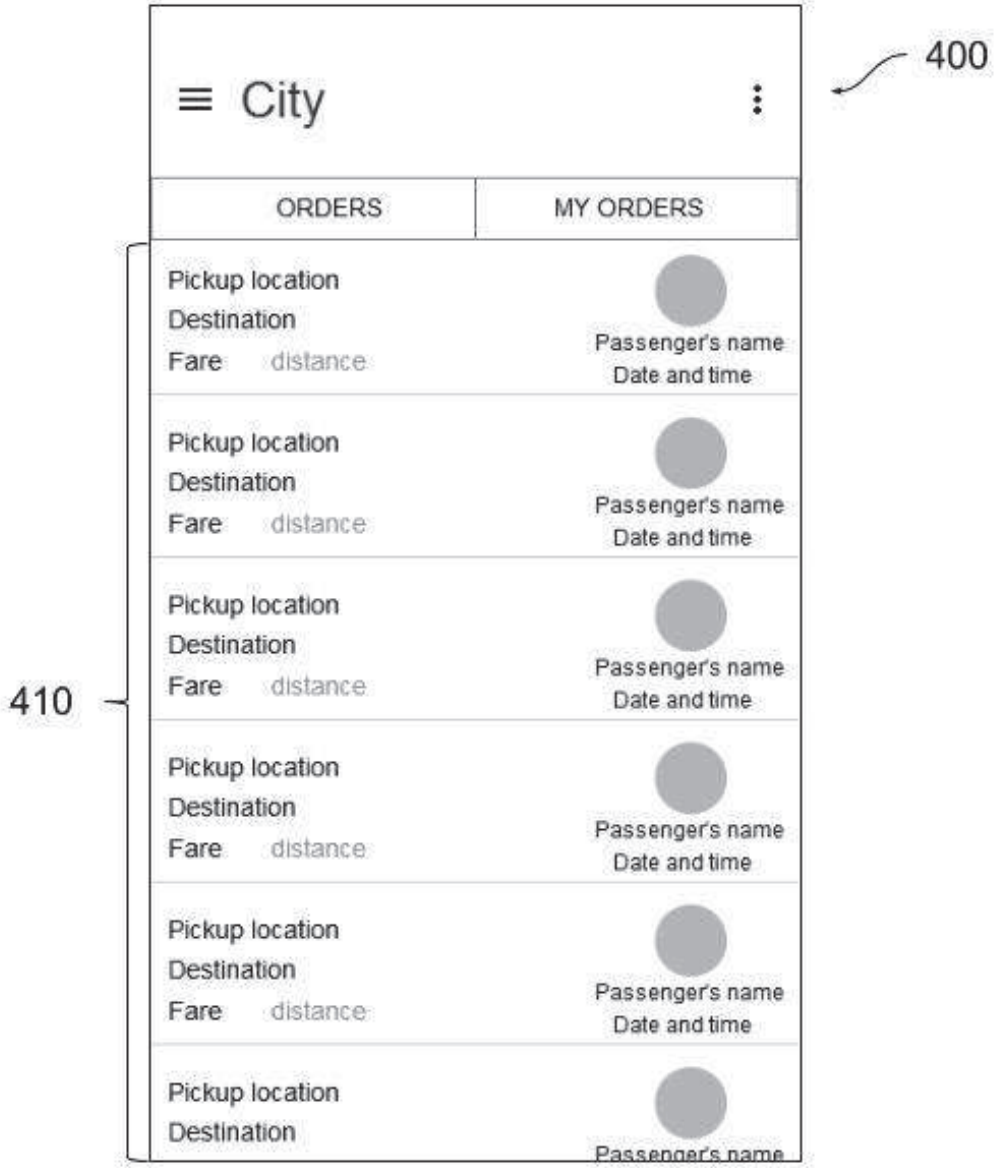

City
400
ORDERS
MY ORDERS
410
Pickup location
Destination
Fare distance
Passenger's name
Date and time
Pickup location
Destination
Fare distance
Passenger's name
Date and time
Pickup location
Destination
Fare distance
Passenger's name
Date and time
Pickup location
Destination
Fare distance
Passenger's name
Date and time
Pickup location
Destination
Fare distance
Passenger's name
Date and time
Pickup location
Destination
Passenger's name

FIG. 4

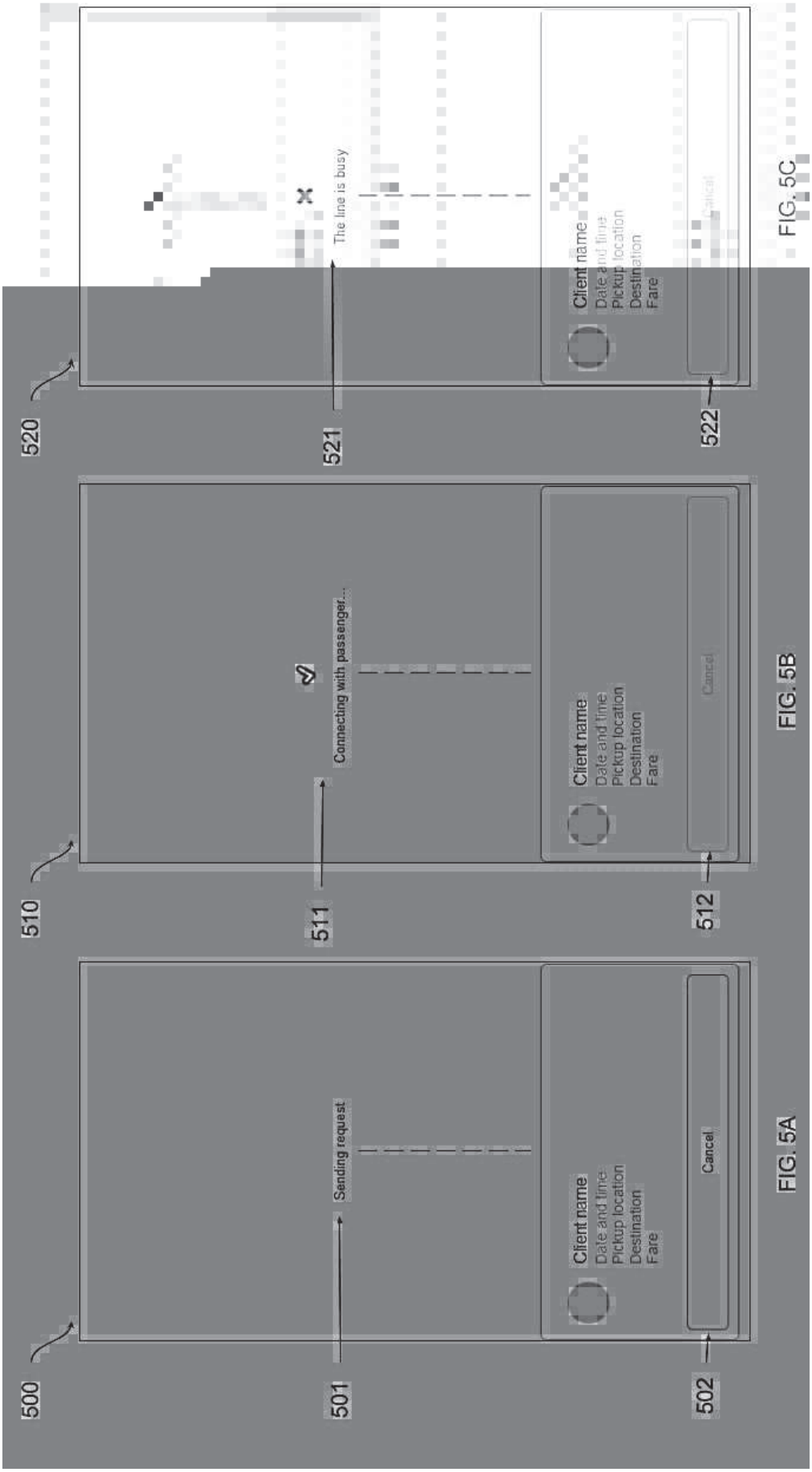


FIG. 5A

FIG. 5B

FIG. 5C

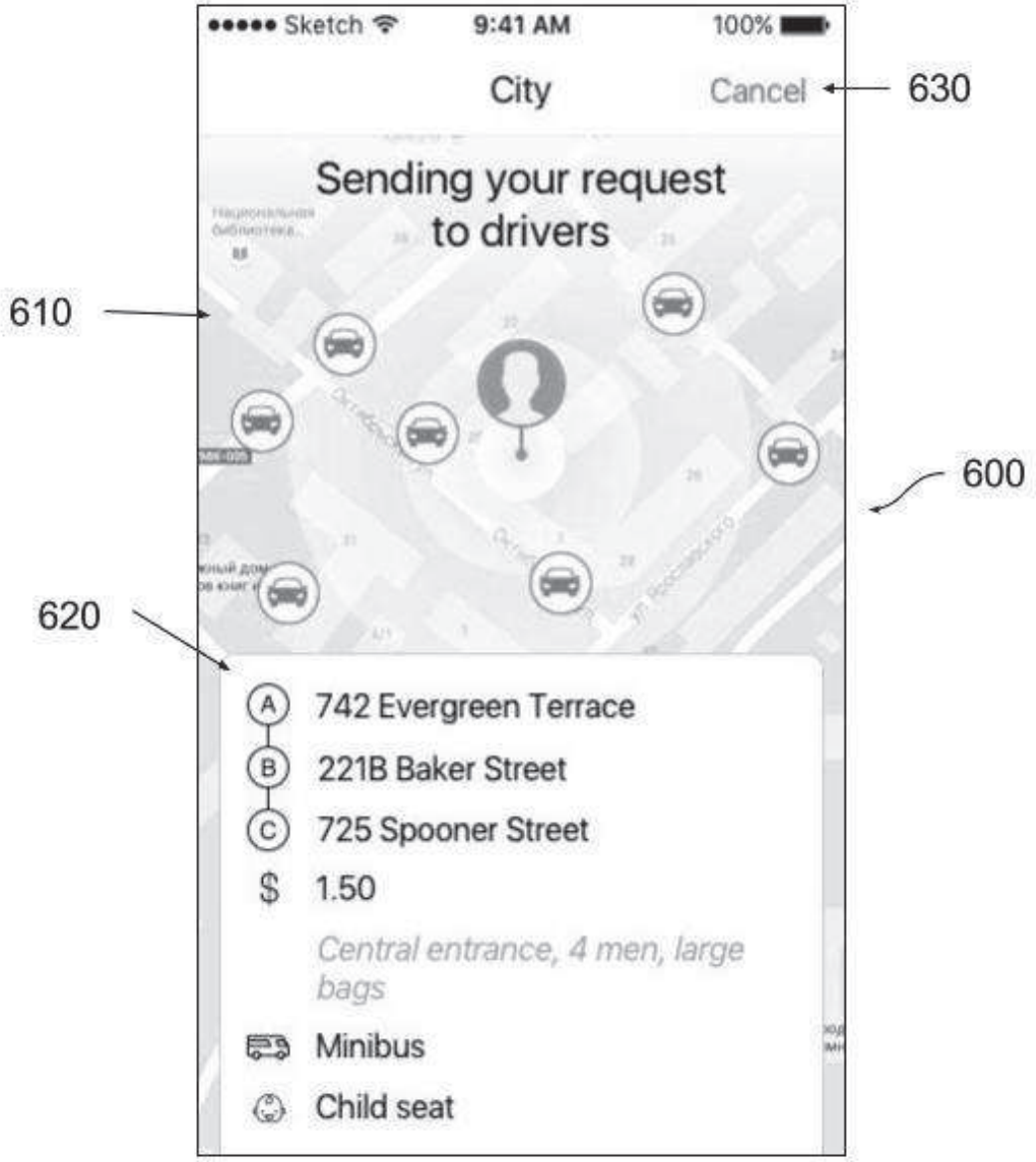

Sketch
9:41 AM
100%
City
Cancel
630
Sending your request to drivers
610
600
620
742 Evergreen Terrace
221B Baker Street
725 Spooner Street
1.50
Central entrance, 4 men, large bags
Minibus
Child seat

FIG. 6

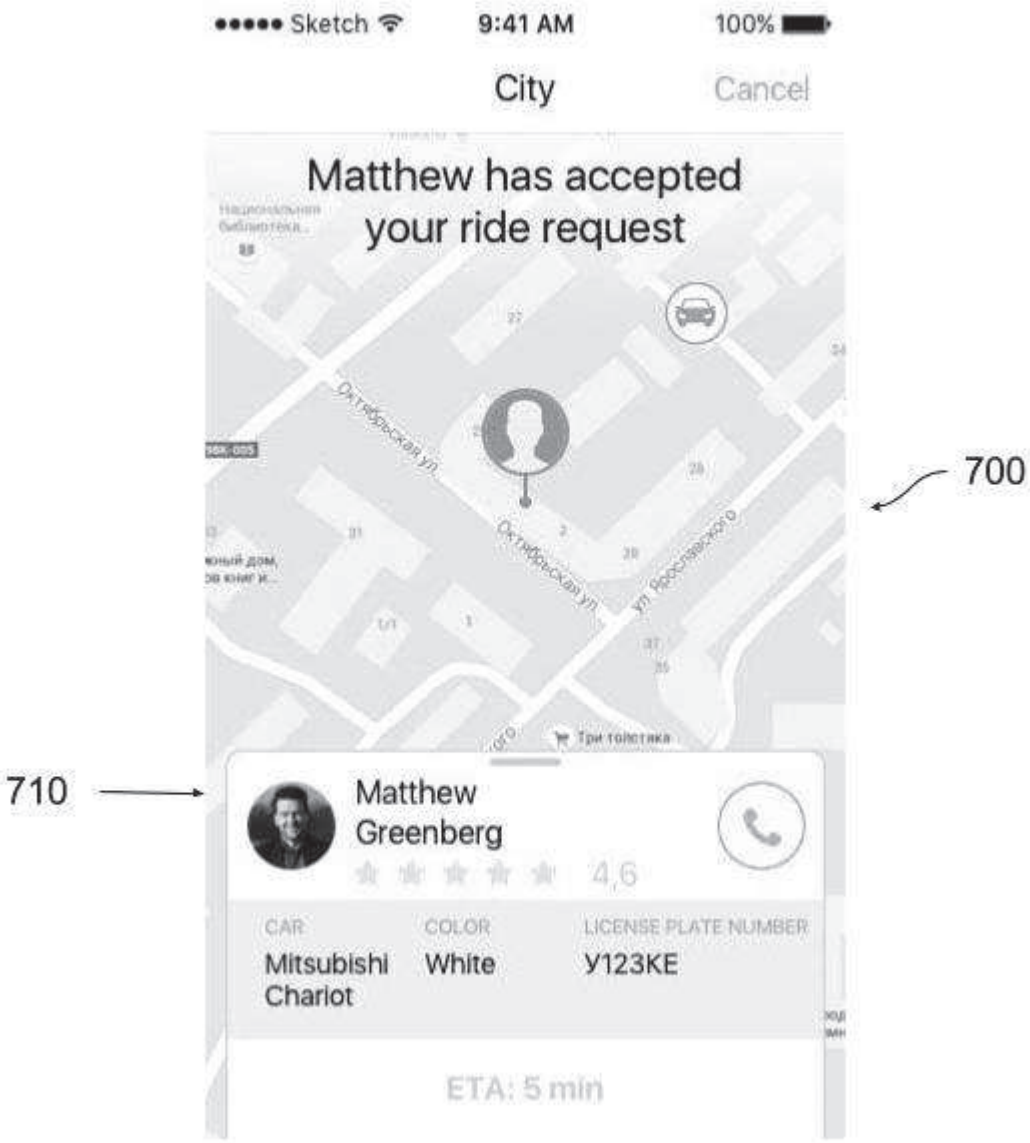

Sketch
9:41 AM
100%
City
Cancel
Matthew has accepted your ride request
700
710
Matthew Greenberg
4,6
CAR
Mitsubishi Chariot
COLOR
White
LICENSE PLATE NUMBER
У123КЕ
ETA: 5 min

FIG. 7

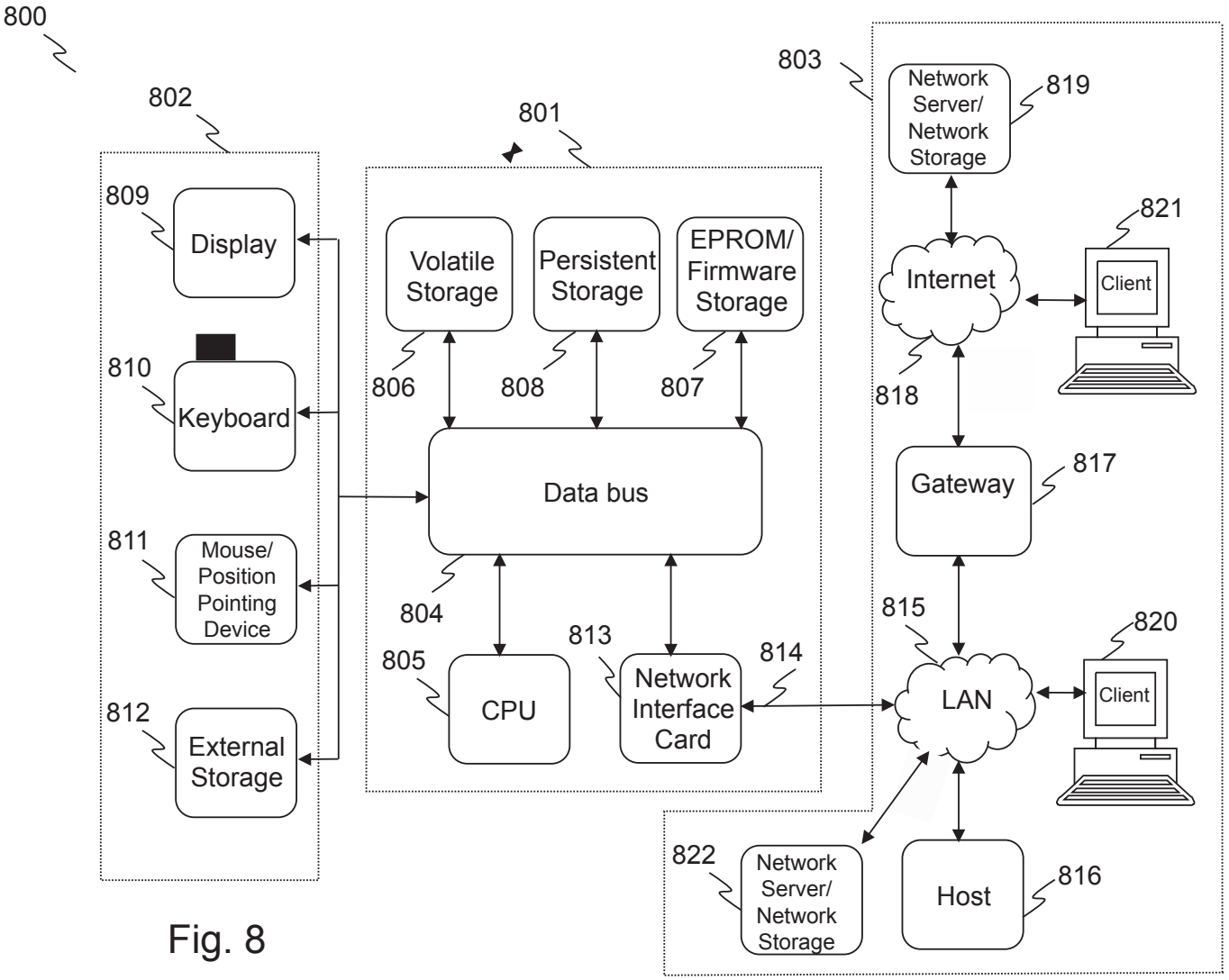

800
802
801
803
809
Display
810
Keyboard
811
Mouse/
Position
Pointing
Device
812
External
Storage
Volatile
Storage
Persistent
Storage
EPROM/
Firmware
Storage
806
808
807
Data bus
804
805
CPU
813
Network
Interface
Card
814
Network
Server/
Network
Storage
819
Internet
821
Client
818
Gateway
817
815
LAN
820
Client
822
Network
Server/
Network
Storage
Host
816

Fig. 8