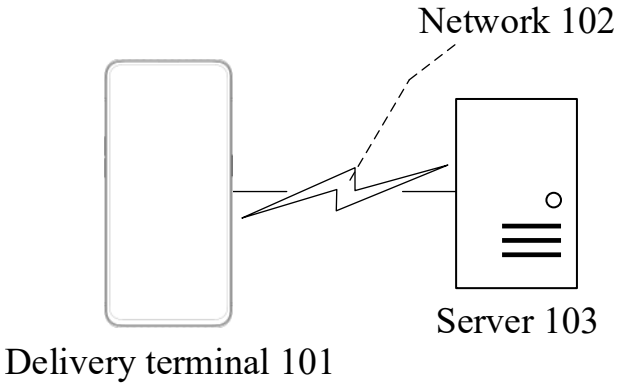

Network 102
Server 103
Delivery terminal 101

FIG. 1

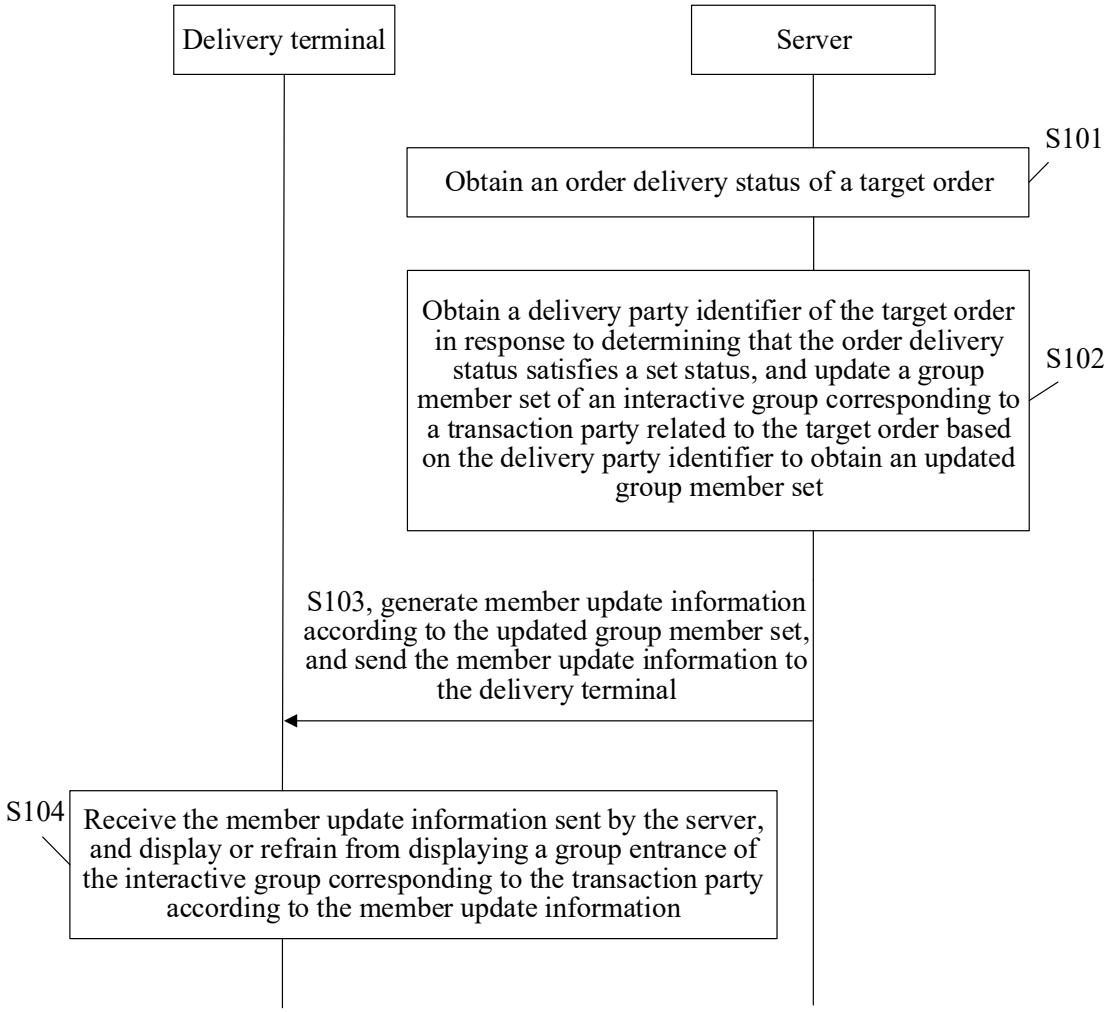

Delivery terminal
Server
S101
Obtain an order delivery status of a target order
Obtain a delivery party identifier of the target order in response to determining that the order delivery status satisfies a set status, and update a group member set of an interactive group corresponding to a transaction party related to the target order based on the delivery party identifier to obtain an updated group member set
S102
S103, generate member update information according to the updated group member set, and send the member update information to the delivery terminal
S104
Receive the member update information sent by the server, and display or refrain from displaying a group entrance of the interactive group corresponding to the transaction party according to the member update information

FIG. 2

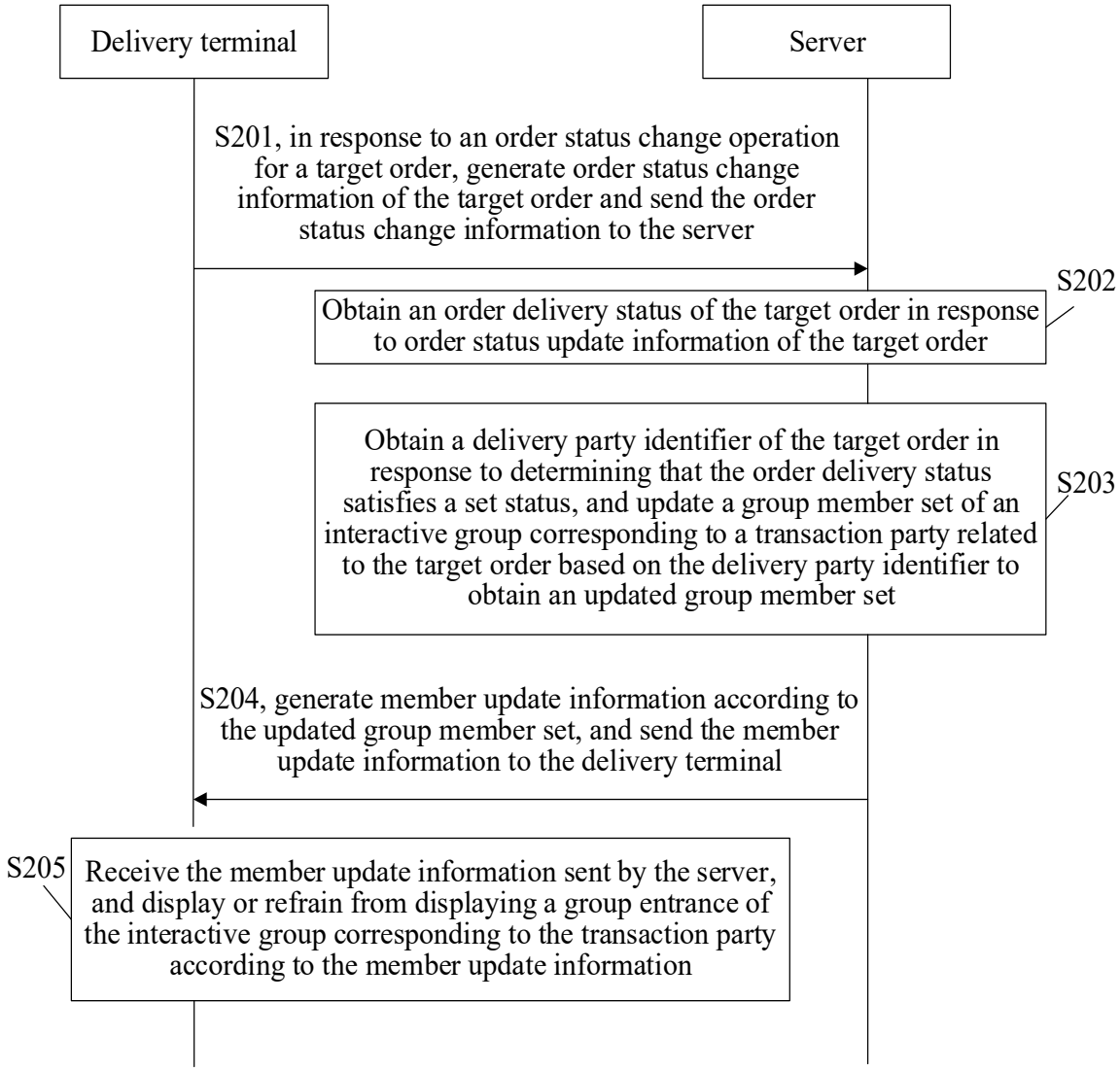

Delivery terminal
Server
S201, in response to an order status change operation for a target order, generate order status change information of the target order and send the order status change information to the server
S202
Obtain an order delivery status of the target order in response to order status update information of the target order
Obtain a delivery party identifier of the target order in response to determining that the order delivery status satisfies a set status, and update a group member set of an interactive group corresponding to a transaction party related to the target order based on the delivery party identifier to obtain an updated group member set
S203
S204, generate member update information according to the updated group member set, and send the member update information to the delivery terminal
S205
Receive the member update information sent by the server, and display or refrain from displaying a group entrance of the interactive group corresponding to the transaction party according to the member update information

FIG. 3

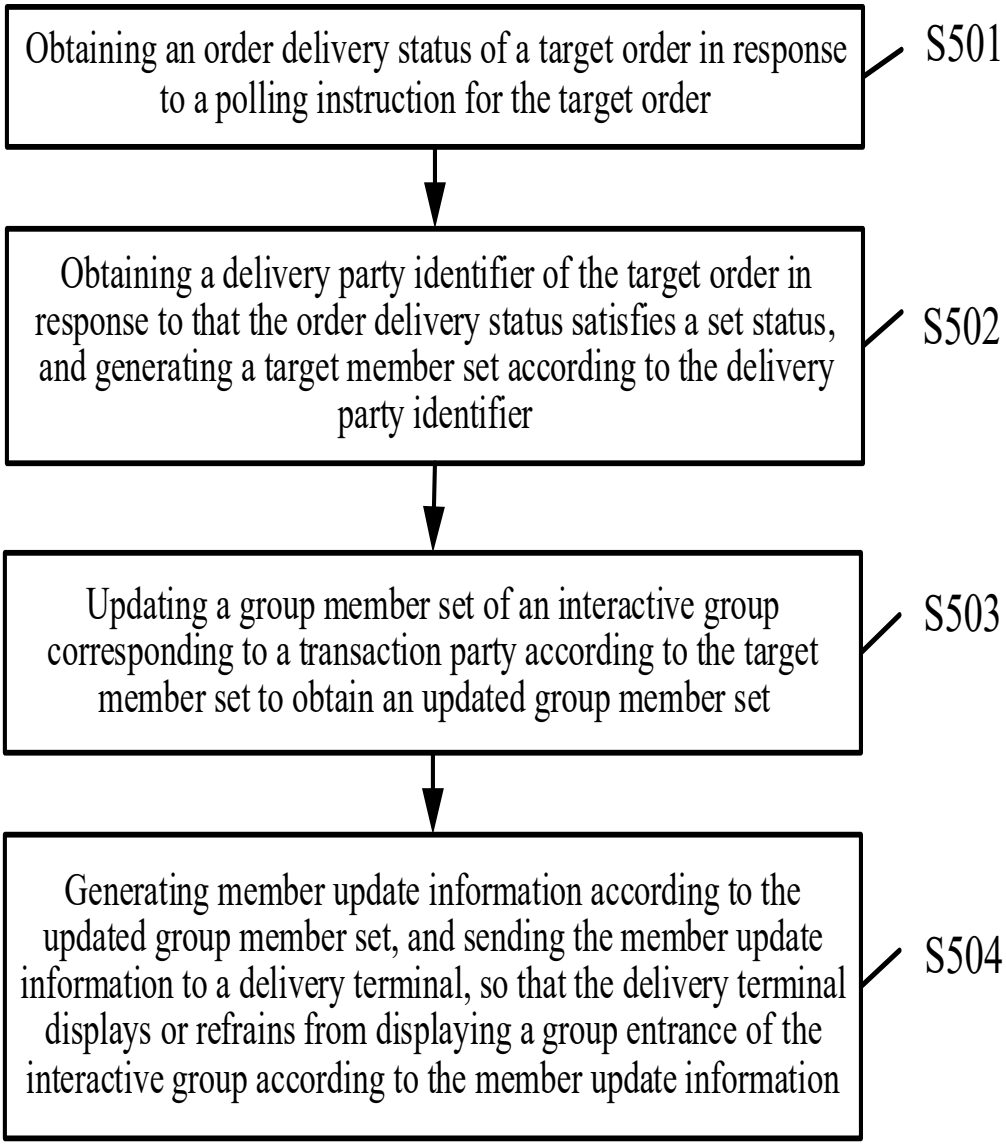

Obtaining an order delivery status of a target order in response to a polling instruction for the target order
S501
Obtaining a delivery party identifier of the target order in response to that the order delivery status satisfies a set status, and generating a target member set according to the delivery party identifier
S502
Updating a group member set of an interactive group corresponding to a transaction party according to the target member set to obtain an updated group member set
S503
Generating member update information according to the updated group member set, and sending the member update information to a delivery terminal, so that the delivery terminal displays or refrains from displaying a group entrance of the interactive group according to the member update information
S504

FIG. 4

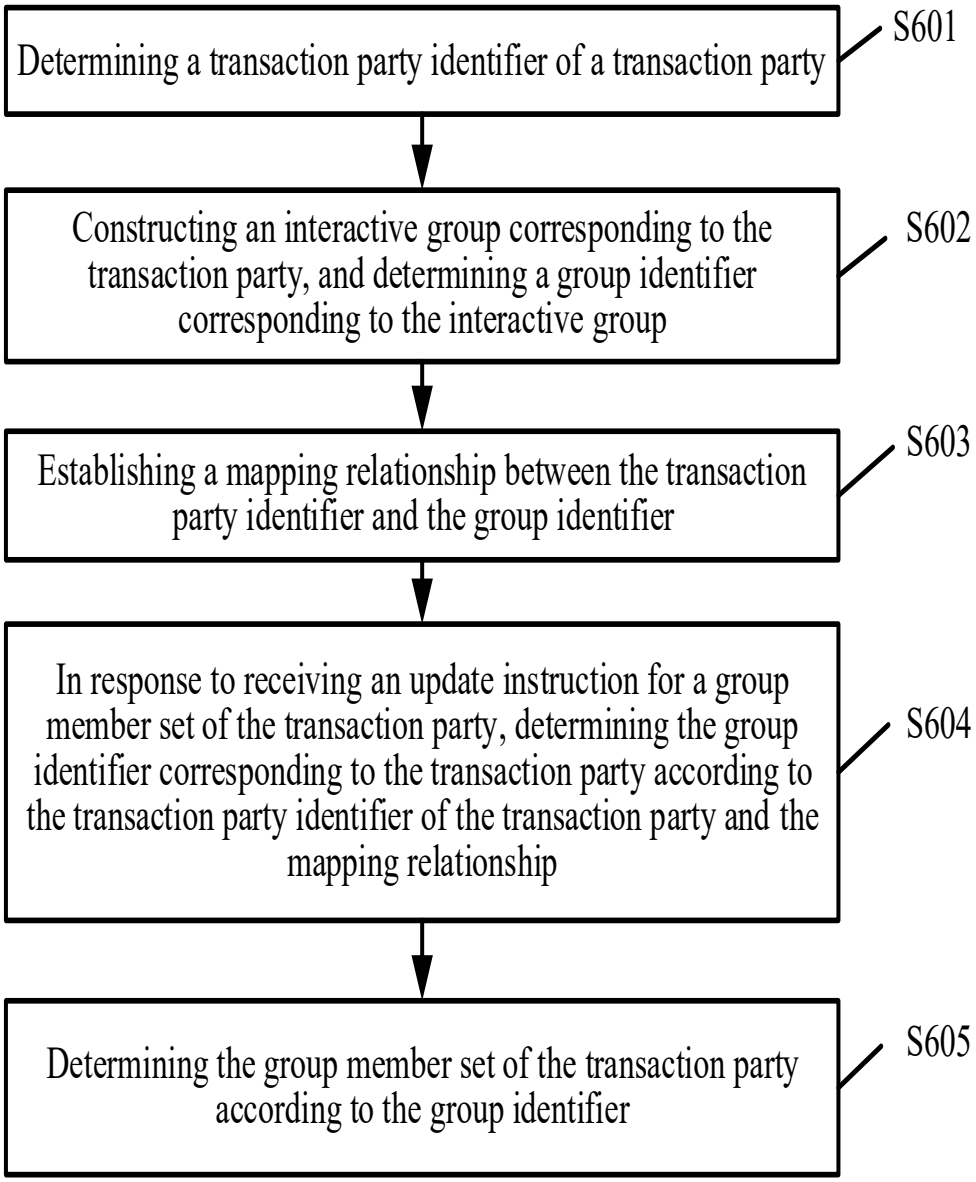

Determining a transaction party identifier of a transaction party
S601
Constructing an interactive group corresponding to the transaction party, and determining a group identifier corresponding to the interactive group
S602
Establishing a mapping relationship between the transaction party identifier and the group identifier
S603
In response to receiving an update instruction for a group member set of the transaction party, determining the group identifier corresponding to the transaction party according to the transaction party identifier of the transaction party and the mapping relationship
S604
Determining the group member set of the transaction party according to the group identifier
S605

FIG. 5

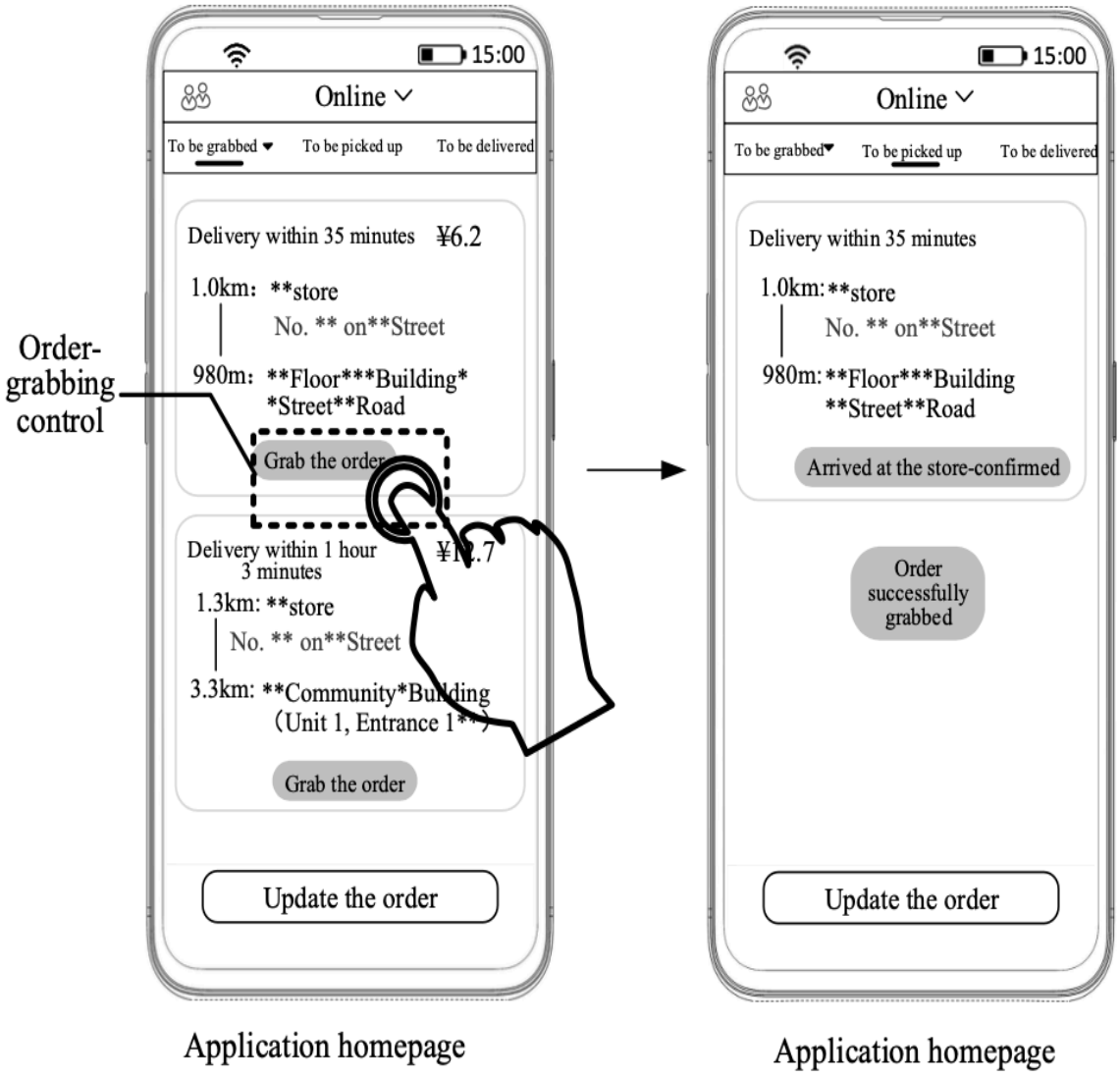

Order-grabbing control
15:00
Online
To be grabbed
To be picked up
To be delivered
Delivery within 35 minutes ¥6.2
1.0km: **store
No. ** on**Street
980m: **Floor***Building*
*Street**Road
Grab the order
Delivery within 1 hour 3 minutes
1.3km: **store
No. ** on**Street
3.3km: **Community*Building
(Unit 1, Entrance 1**)
Grab the order
Update the order
Application homepage
15:00
Online
To be grabbed
To be picked up
To be delivered
Delivery within 35 minutes
1.0km: **store
No. ** on**Street
980m: **Floor***Building
StreetRoad
Arrived at the store-confirmed
Order successfully grabbed
Update the order
Application homepage

FIG. 6

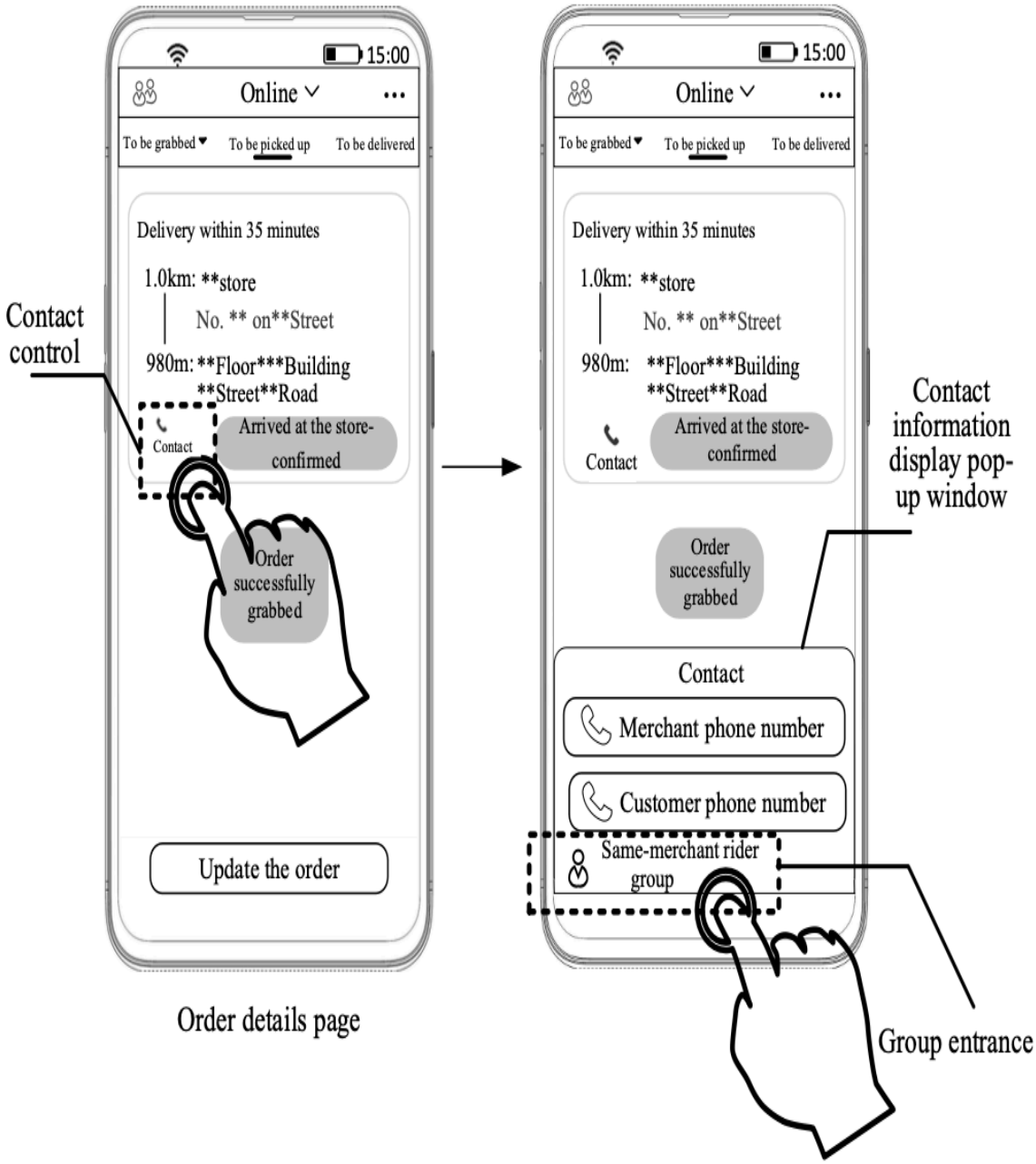

15:00
Online
To be grabbed
To be picked up
To be delivered
Delivery within 35 minutes
1.0km: **store
No. ** on**Street
980m: **Floor***Building
StreetRoad
Contact
Arrived at the store-confirmed
Order successfully grabbed
Update the order
Contact control
Order details page
Contact
Merchant phone number
Customer phone number
Same-merchant rider group
Contact information display pop-up window
Group entrance

FIG. 7

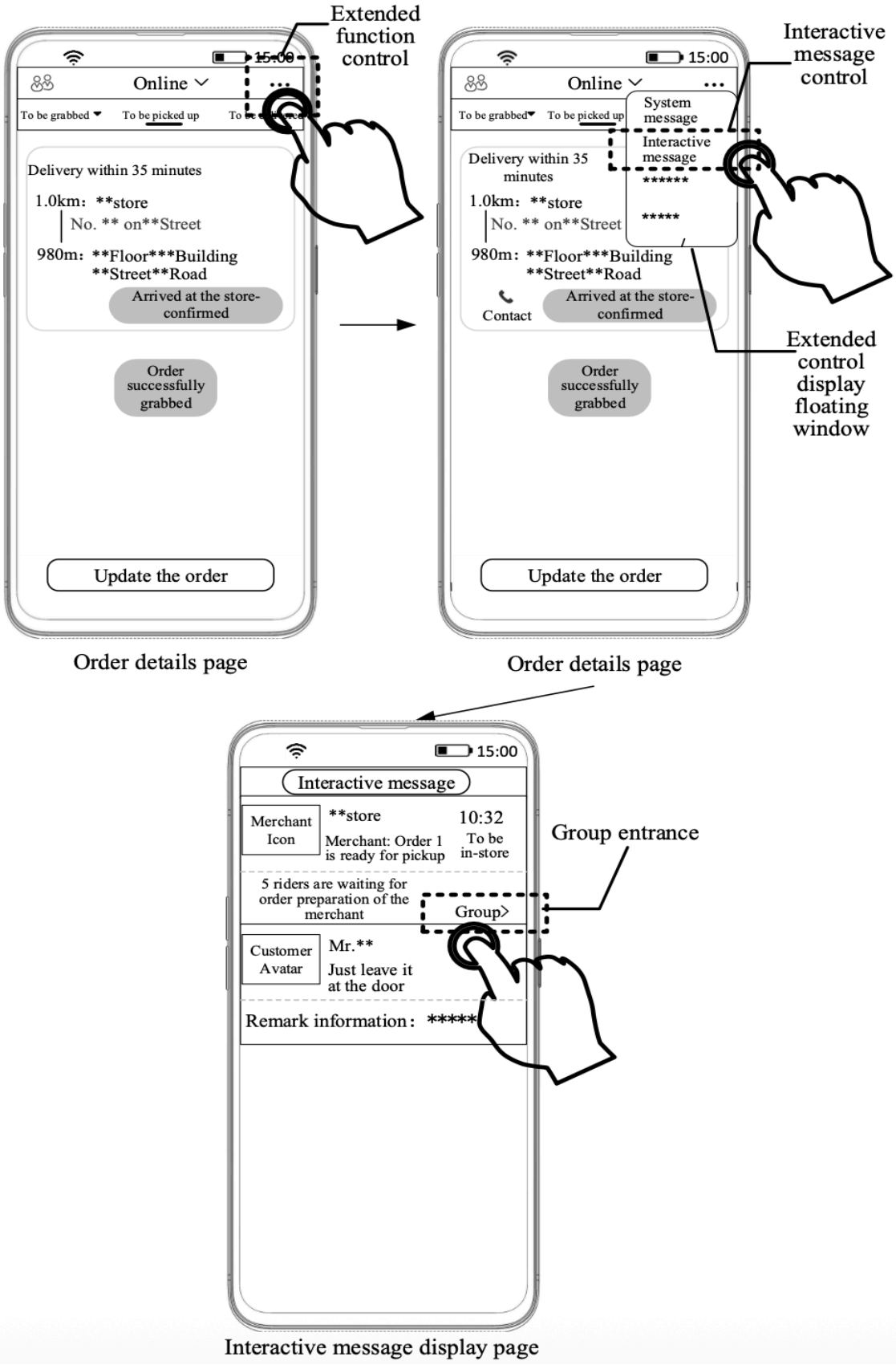
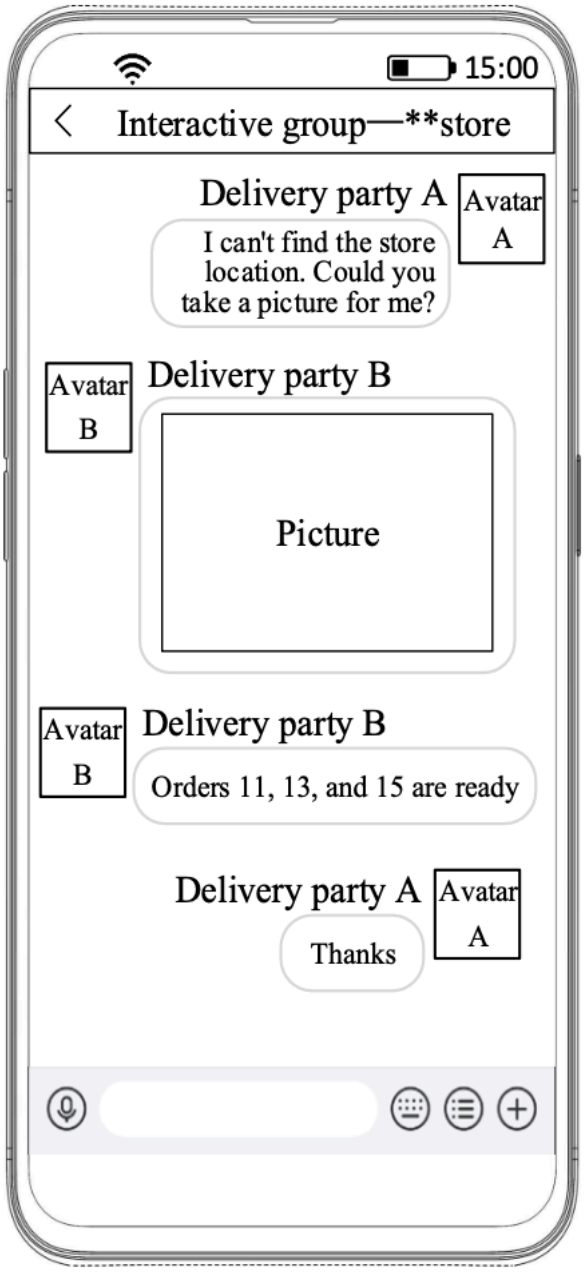

Extended function control
15:00
Online
To be grabbed
To be picked up
Delivery within 35 minutes
1.0km：**store
No. ** on**Street
980m：**Floor***Building
StreetRoad
Arrived at the store-confirmed
Order successfully grabbed
Update the order
Order details page
Interactive message control
System message
Interactive message
******
*****
Contact
Extended control display floating window
Order details page
Interactive message
Merchant Icon
**store
Merchant: Order 1 is ready for pickup
10:32
To be in-store
5 riders are waiting for order preparation of the merchant
Group>
Group entrance
Customer Avatar
Mr.**
Just leave it at the door
Remark information：*****
Interactive message display page

FIG. 8



Interactive group details page

FIG. 9

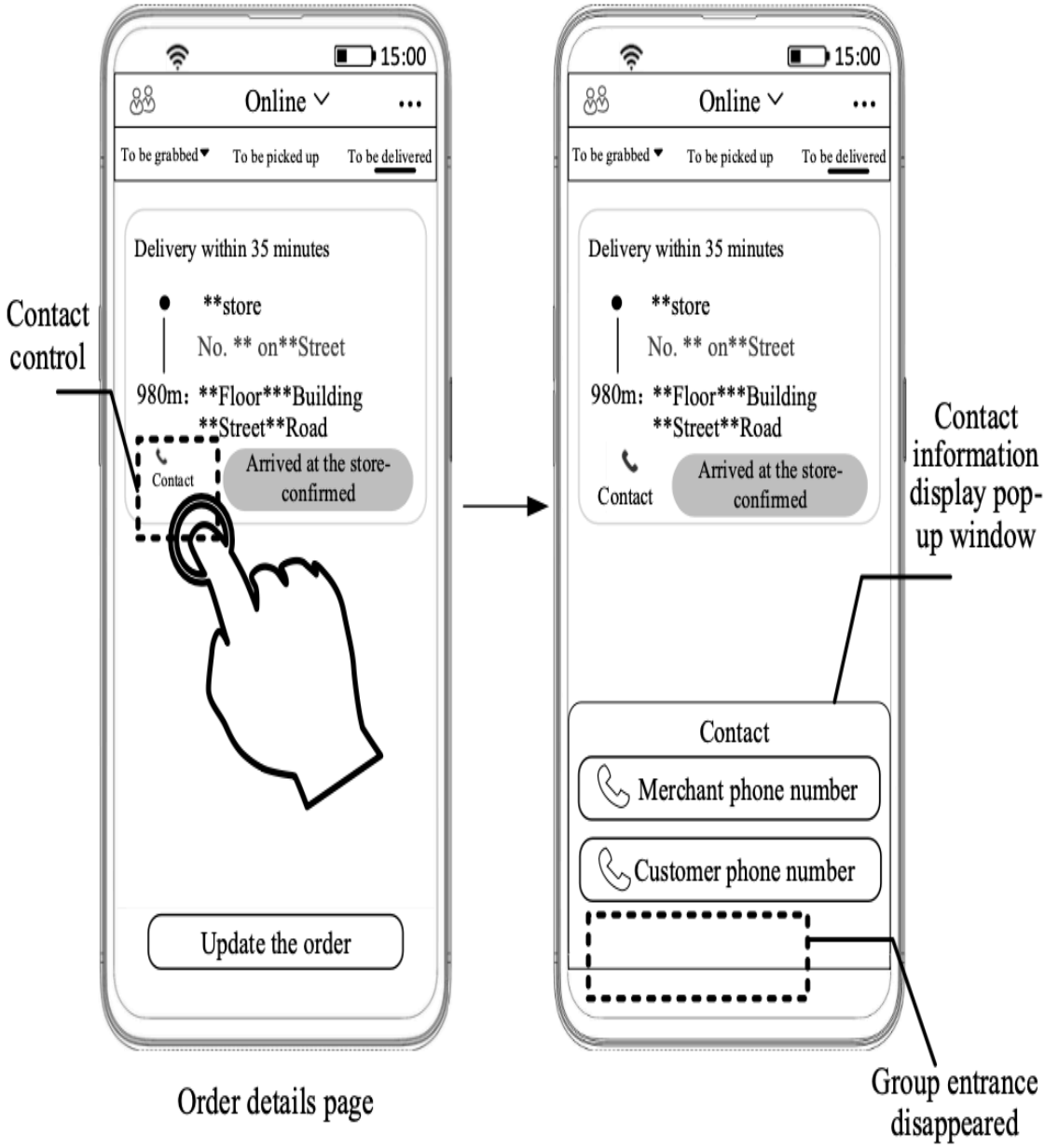

15:00
Online
To be grabbed
To be picked up
To be delivered
Delivery within 35 minutes
**store
No. ** on**Street
980m: **Floor***Building
StreetRoad
Contact
Arrived at the store-confirmed
Contact control
Update the order
Order details page
Contact information display pop-up window
Contact
Merchant phone number
Customer phone number
Group entrance disappeared

FIG. 10

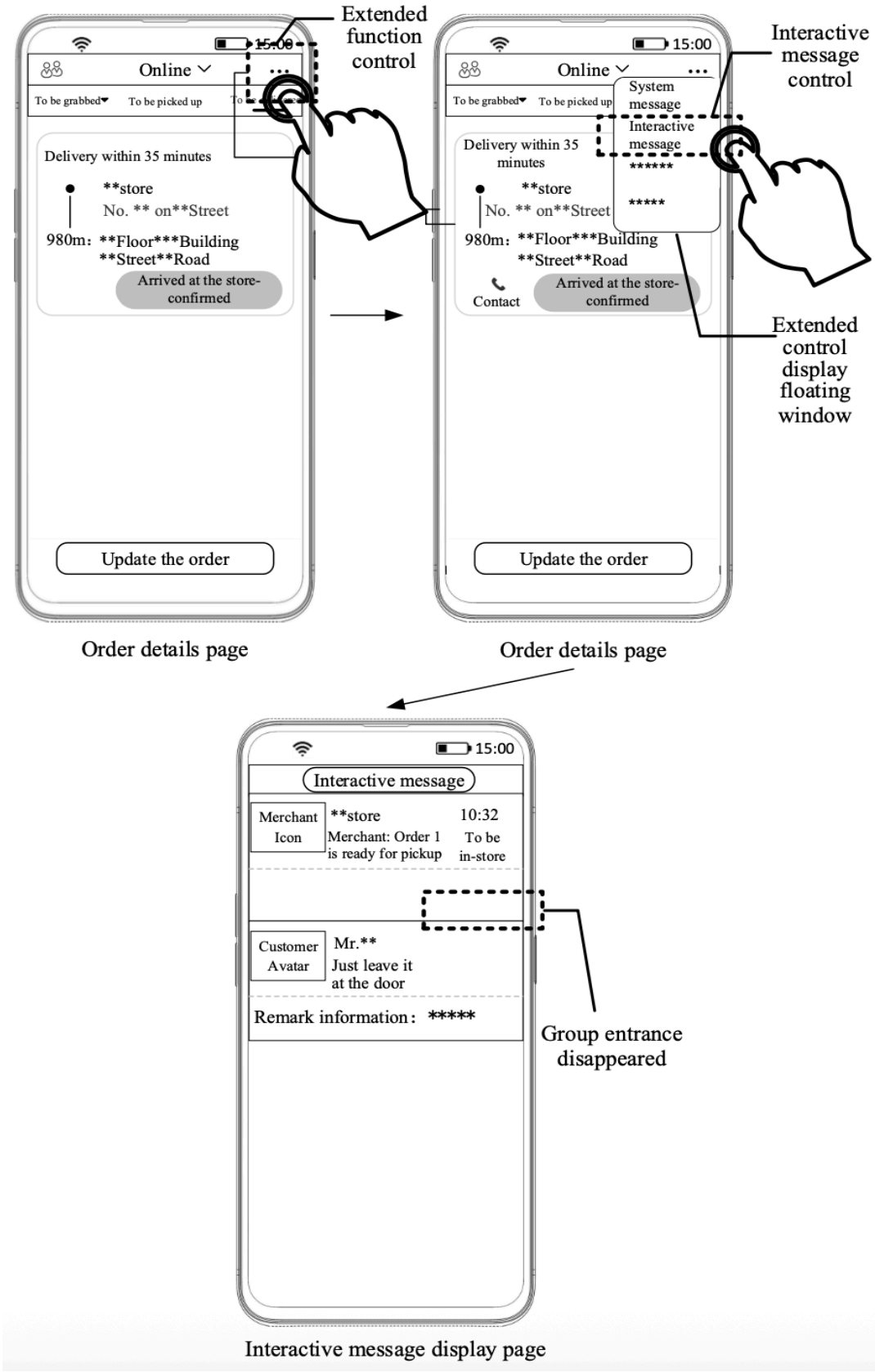

Extended function control
Interactive message control
Online
To be grabbed
To be picked up
Delivery within 35 minutes
**store
No. ** on**Street
980m：**Floor***Building
StreetRoad
Arrived at the store-confirmed
Update the order
System message
Interactive message
******
*****
Contact
Extended control display floating window
Order details page
Order details page
15:00
Interactive message
Merchant Icon
**store
Merchant: Order 1 is ready for pickup
10:32
To be in-store
Customer Avatar
Mr.**
Just leave it at the door
Remark information：*****
Group entrance disappeared
Interactive message display page

FIG. 11

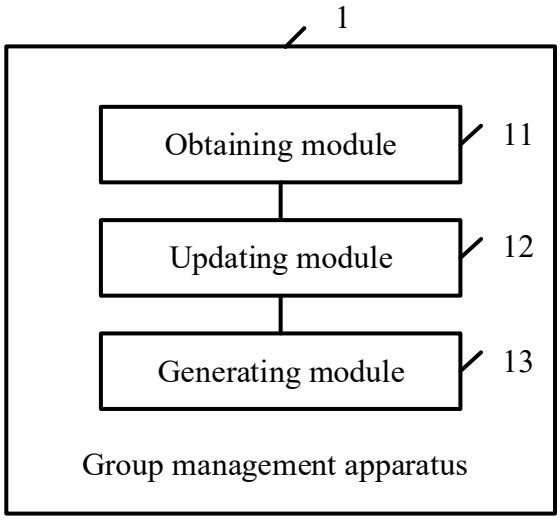

1
Obtaining module
11
Updating module
12
Generating module
13
Group management apparatus

FIG. 12

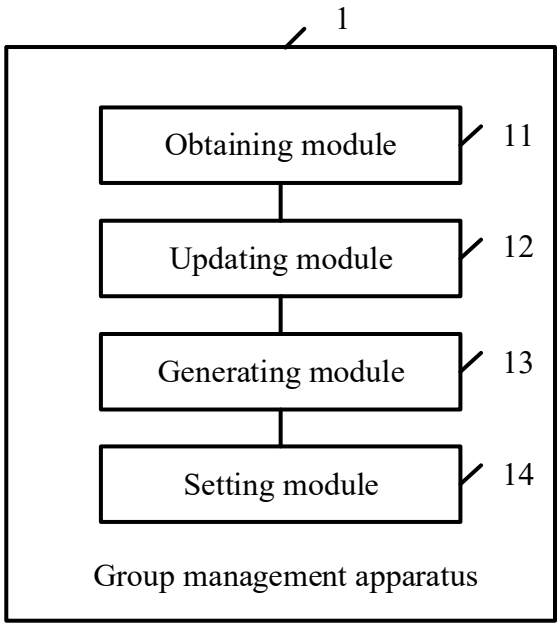

1
Obtaining module
11
Updating module
12
Generating module
13
Setting module
14
Group management apparatus

FIG. 13

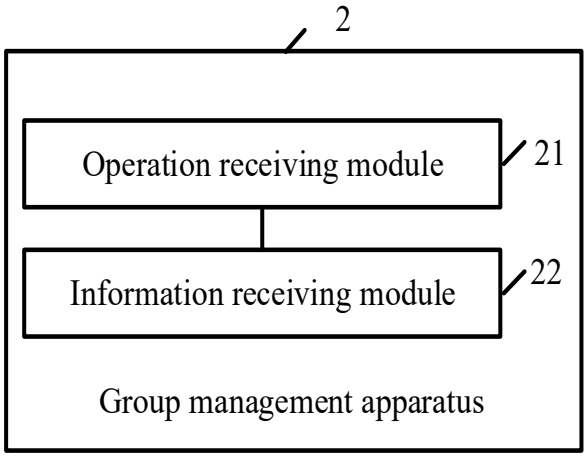

2
Operation receiving module
21
Information receiving module
22
Group management apparatus

FIG. 14

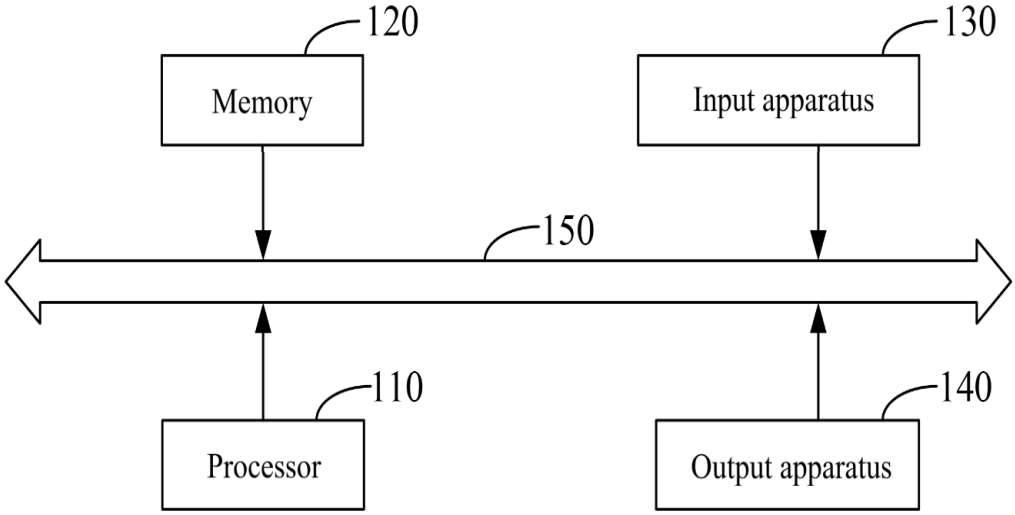

120
Memory
130
Input apparatus
150
110
Processor
140
Output apparatus

FIG. 15