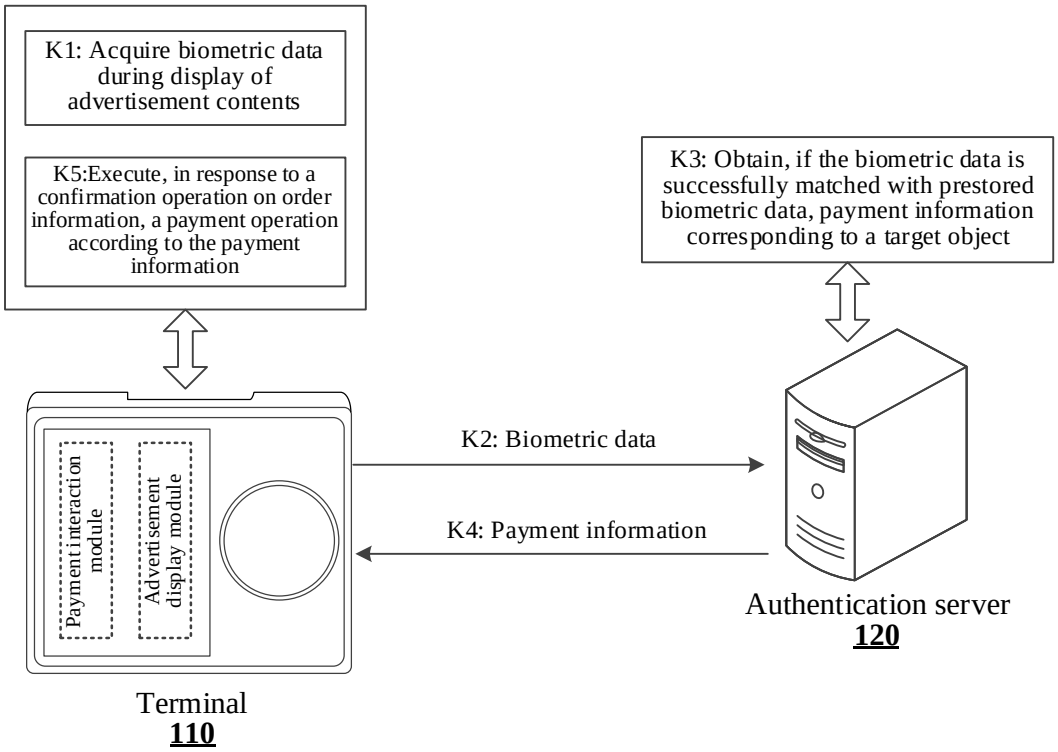

K1: Acquire biometric data during display of advertisement contents
K5:Execute, in response to a confirmation operation on order information, a payment operation according to the payment information
K3: Obtain, if the biometric data is successfully matched with prestored biometric data, payment information corresponding to a target object
Payment interaction module
Advertisement display module
K2: Biometric data
K4: Payment information
Authentication server
120
Terminal
110

FIG. 1

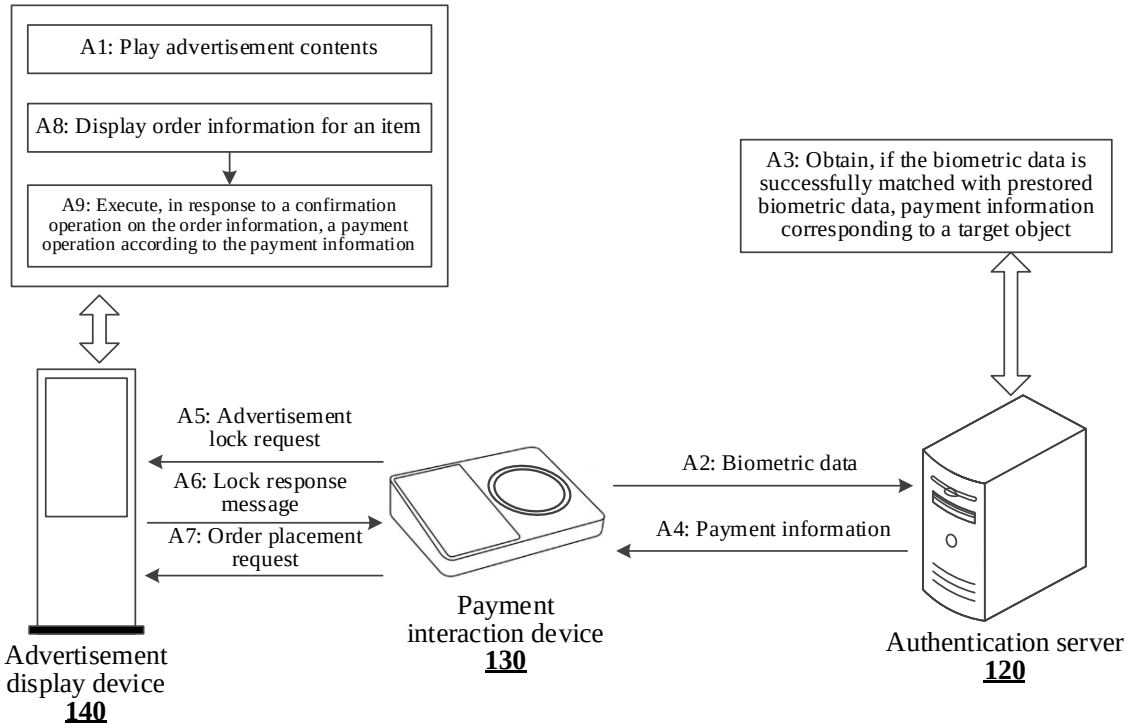

A1: Play advertisement contents
A8: Display order information for an item
A9: Execute, in response to a confirmation operation on the order information, a payment operation according to the payment information
A3: Obtain, if the biometric data is successfully matched with prestored biometric data, payment information corresponding to a target object
A5: Advertisement lock request
A6: Lock response message
A7: Order placement request
A2: Biometric data
A4: Payment information
Advertisement display device
140
Payment interaction device
130
Authentication server
120

FIG. 2

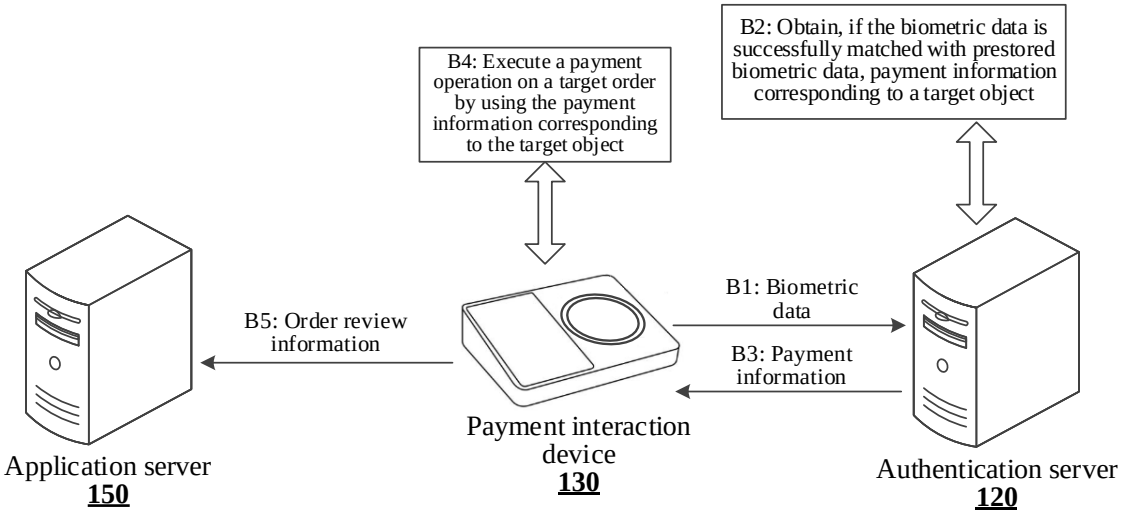

B2: Obtain, if the biometric data is successfully matched with prestored biometric data, payment information corresponding to a target object
B4: Execute a payment operation on a target order by using the payment information corresponding to the target object
B1: Biometric data
B3: Payment information
B5: Order review information
Application server
150
Payment interaction device
130
Authentication server
120

FIG. 3

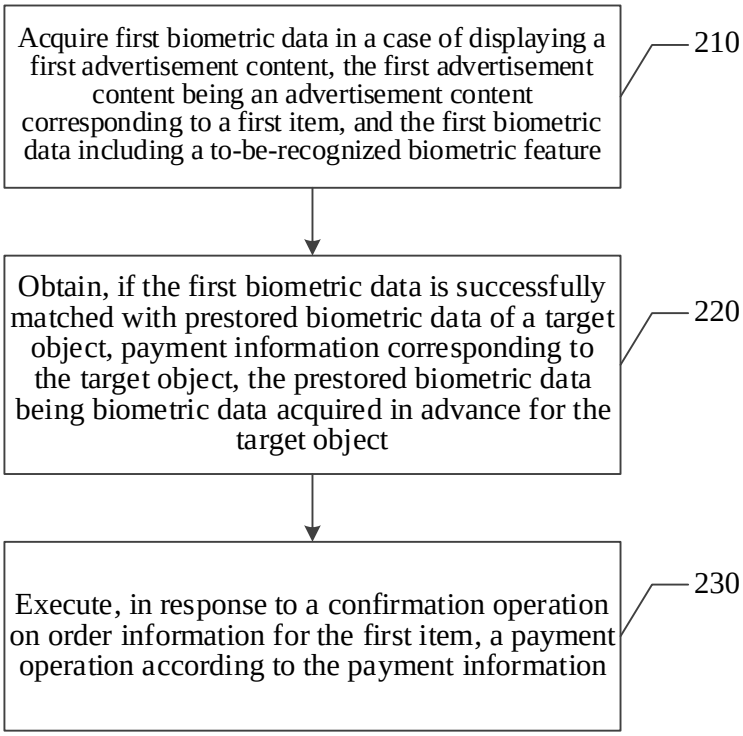

Acquire first biometric data in a case of displaying a first advertisement content, the first advertisement content being an advertisement content corresponding to a first item, and the first biometric data including a to-be-recognized biometric feature
210
Obtain, if the first biometric data is successfully matched with prestored biometric data of a target object, payment information corresponding to the target object, the prestored biometric data being biometric data acquired in advance for the target object
220
Execute, in response to a confirmation operation on order information for the first item, a payment operation according to the payment information
230

FIG. 4

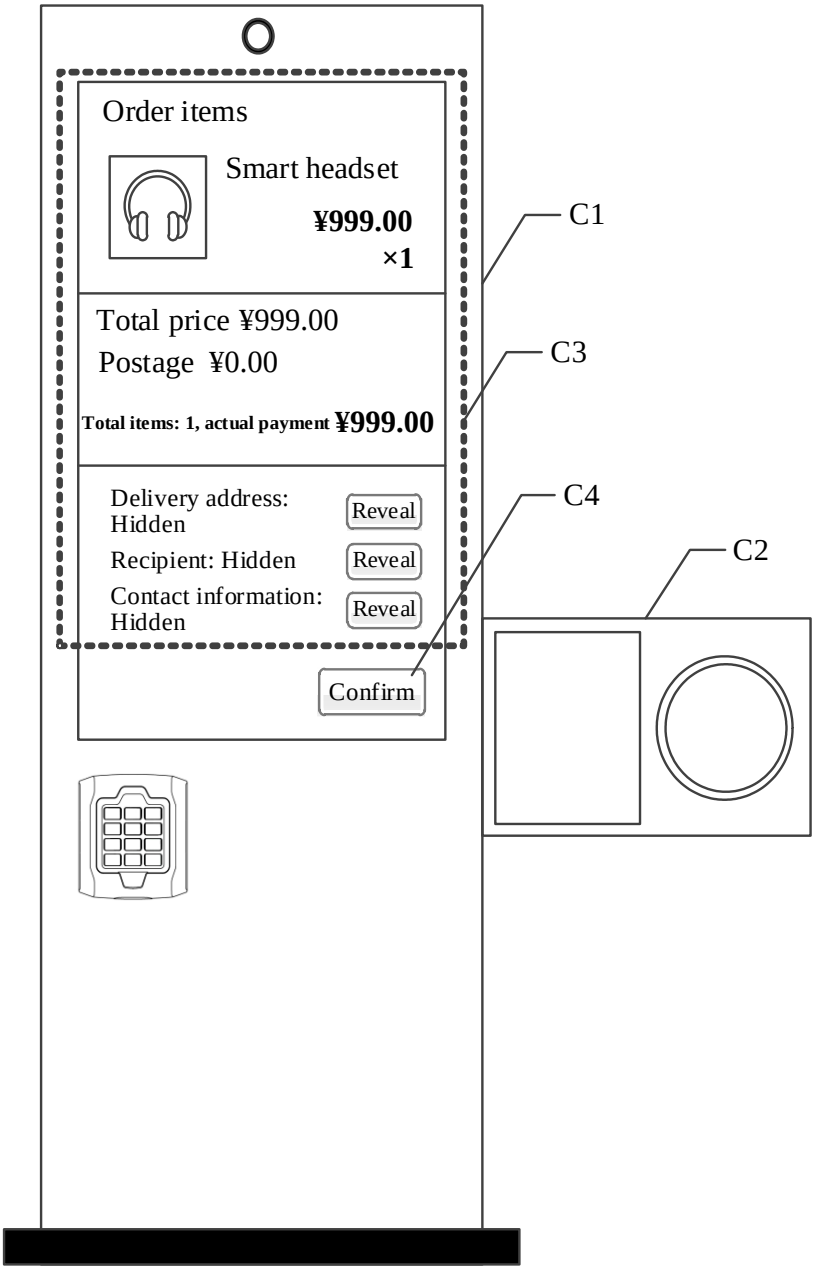

Order items
Smart headset
¥999.00
×1
Total price ¥999.00
Postage ¥0.00
Total items: 1, actual payment ¥999.00
Delivery address: Hidden
Reveal
Recipient: Hidden
Reveal
Contact information: Hidden
Reveal
Confirm
C1
C3
C4
C2

FIG. 5

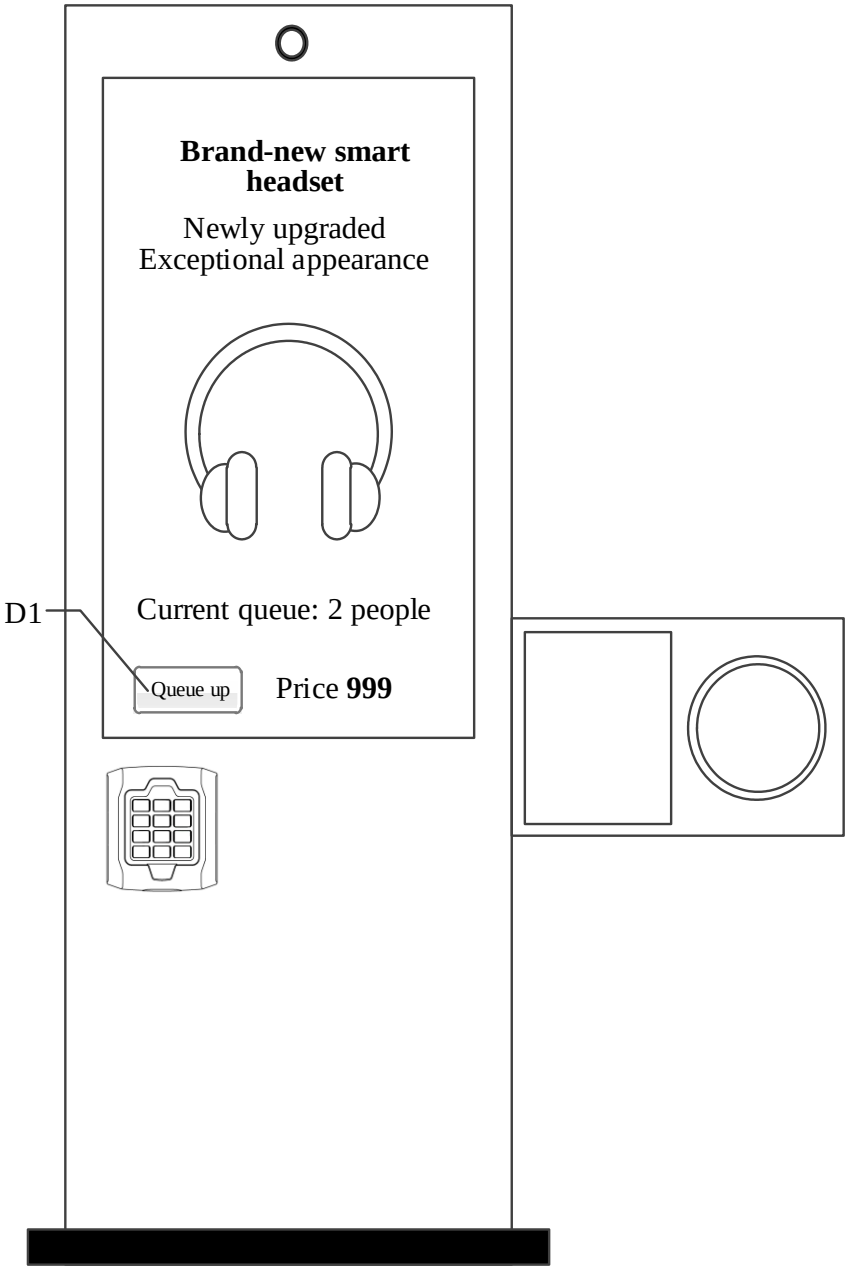
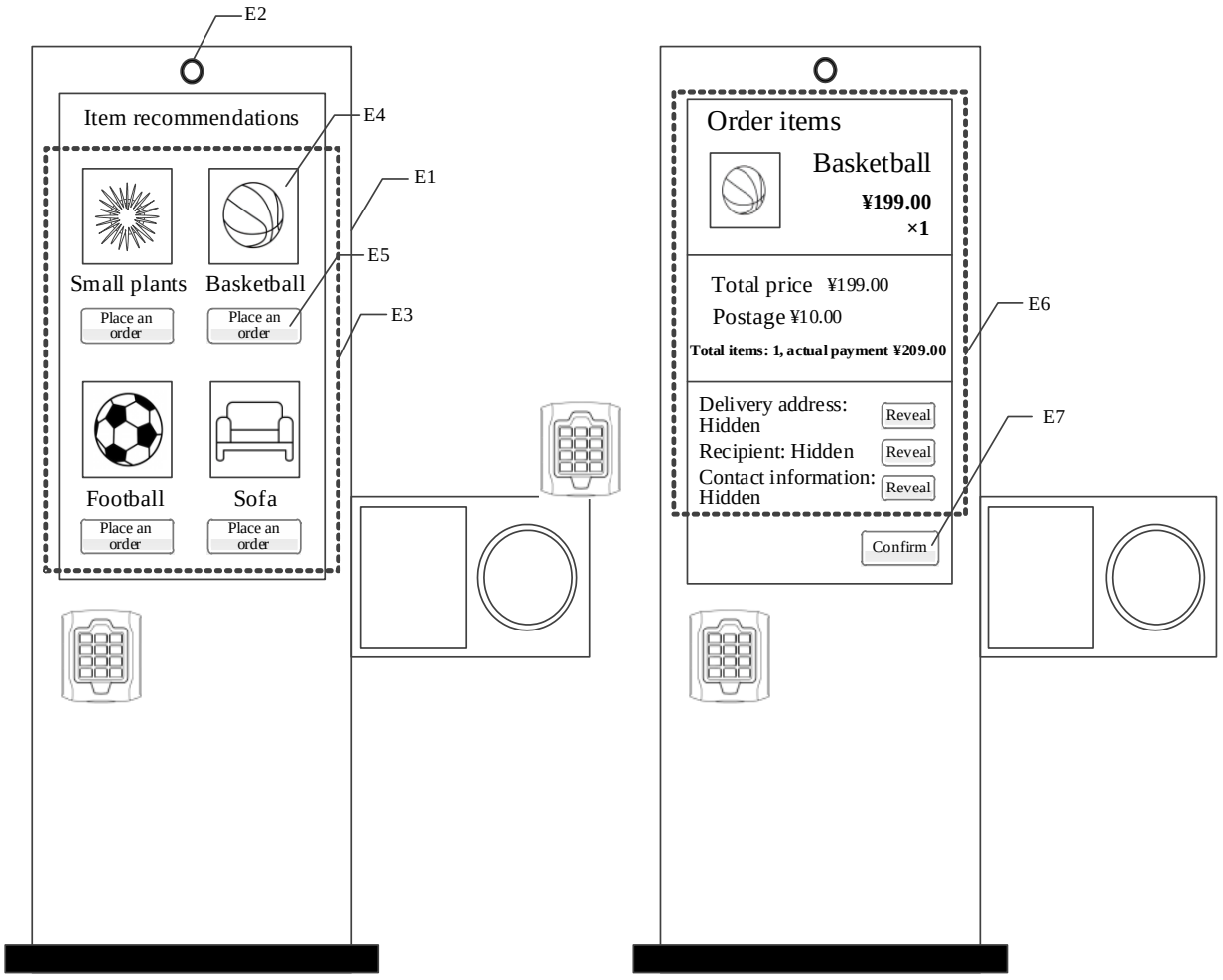

Brand-new smart headset
Newly upgraded
Exceptional appearance
Current queue: 2 people
D1
Queue up
Price 999

FIG. 6


E2
Item recommendations
E4
E1
E5
E3
Small plants
Basketball
Place an order
Place an order
Football
Sofa
Place an order
Place an order
Order items
Basketball
¥199.00
×1
Total price ¥199.00
Postage ¥10.00
Total items: 1, actual payment ¥209.00
E6
Delivery address: Hidden
Reveal
Recipient: Hidden
Reveal
Contact information: Hidden
Reveal
E7
Confirm

(A) (B)

FIG. 7

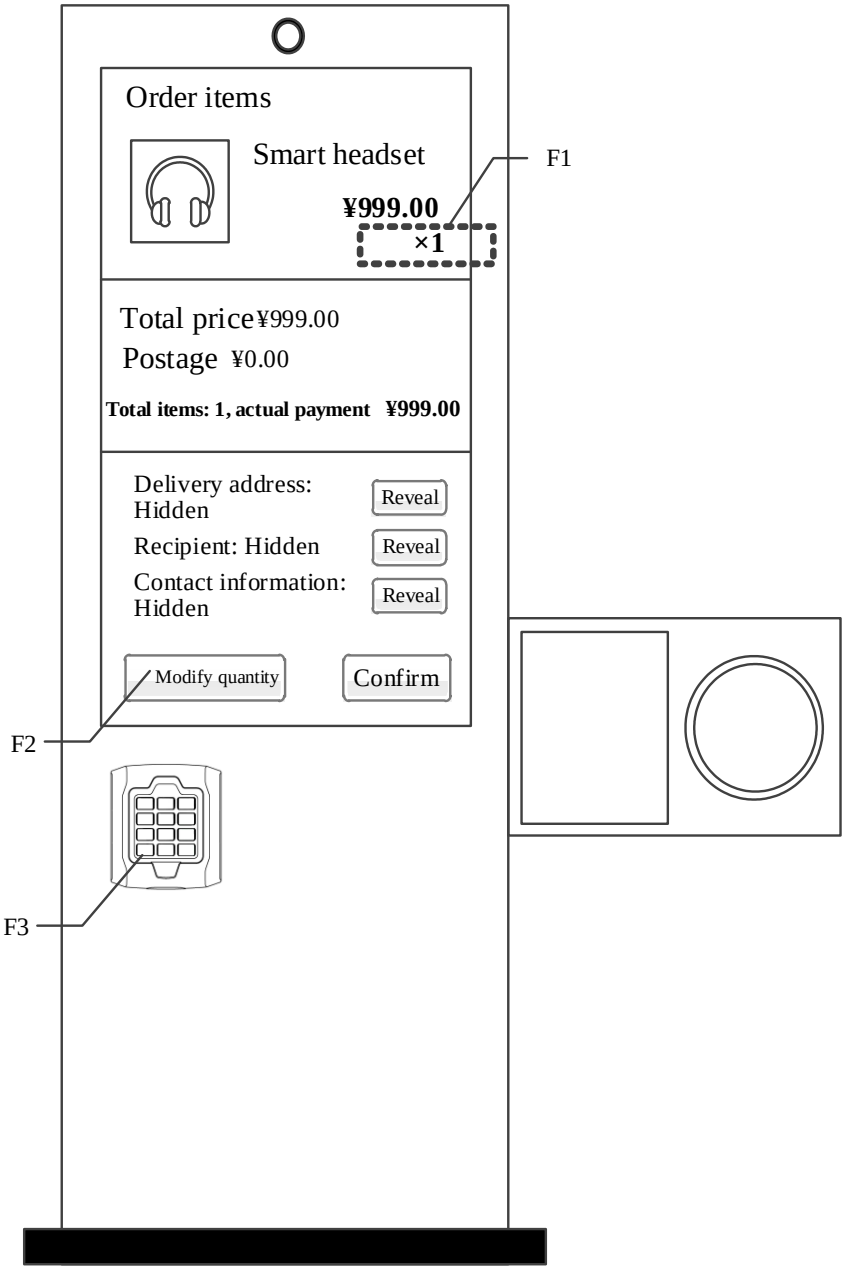

Order items
Smart headset
¥999.00
×1
F1
Total price ¥999.00
Postage ¥0.00
Total items: 1, actual payment ¥999.00
Delivery address: Hidden
Reveal
Recipient: Hidden
Reveal
Contact information: Hidden
Reveal
Modify quantity
Confirm
F2
F3

FIG. 8

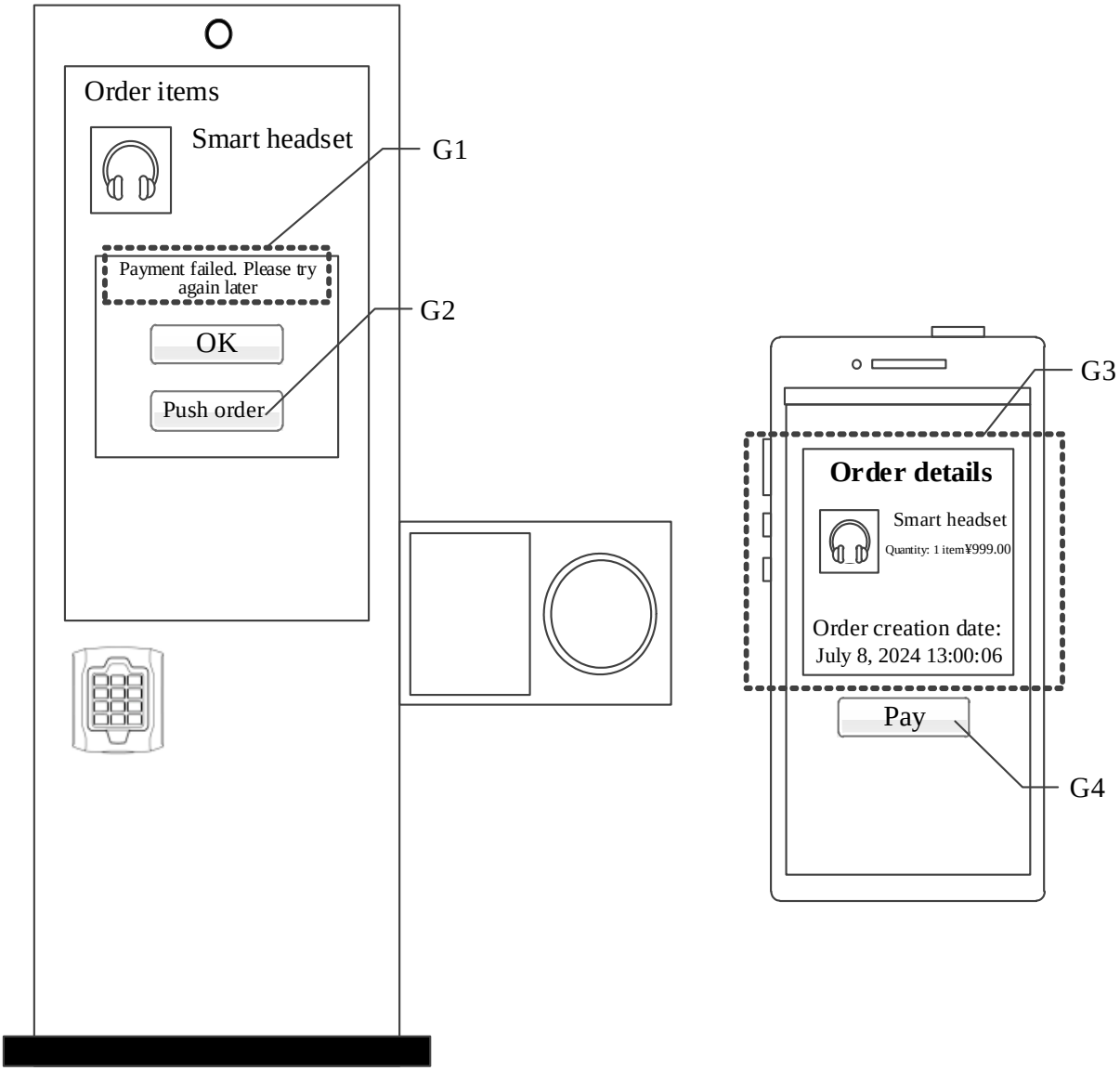
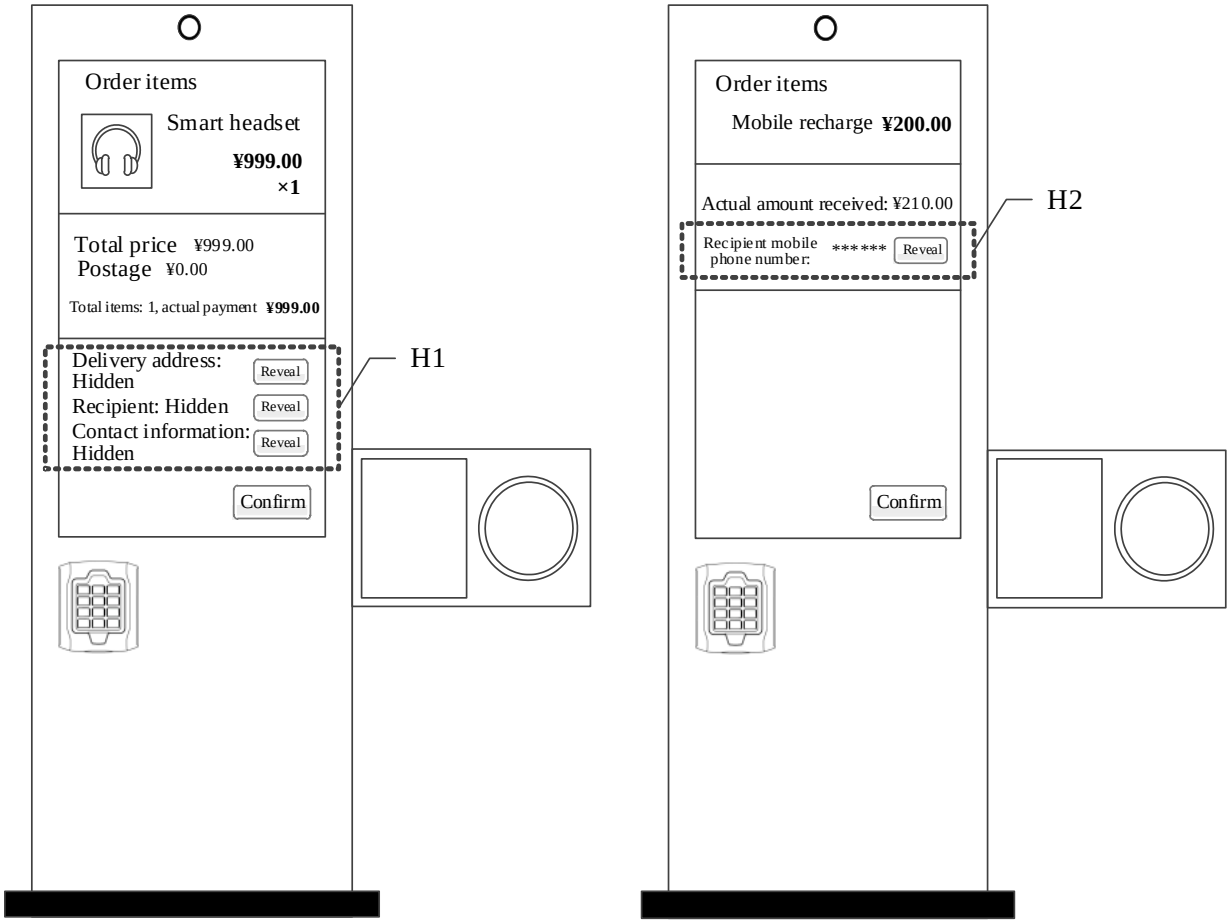

Order items
Smart headset
G1
Payment failed. Please try again later
G2
OK
Push order
G3
Order details
Smart headset
Quantity: 1 item¥999.00
Order creation date:
July 8, 2024 13:00:06
Pay
G4

FIG. 9


Order items
Smart headset
¥999.00
×1
Total price ¥999.00
Postage ¥0.00
Total items: 1, actual payment ¥999.00
Delivery address: Hidden
Reveal
Recipient: Hidden
Reveal
Contact information: Hidden
Reveal
Confirm
H1
Order items
Mobile recharge ¥200.00
Actual amount received: ¥210.00
Recipient mobile phone number: ******
Reveal
Confirm
H2

(A) (B)

FIG. 10

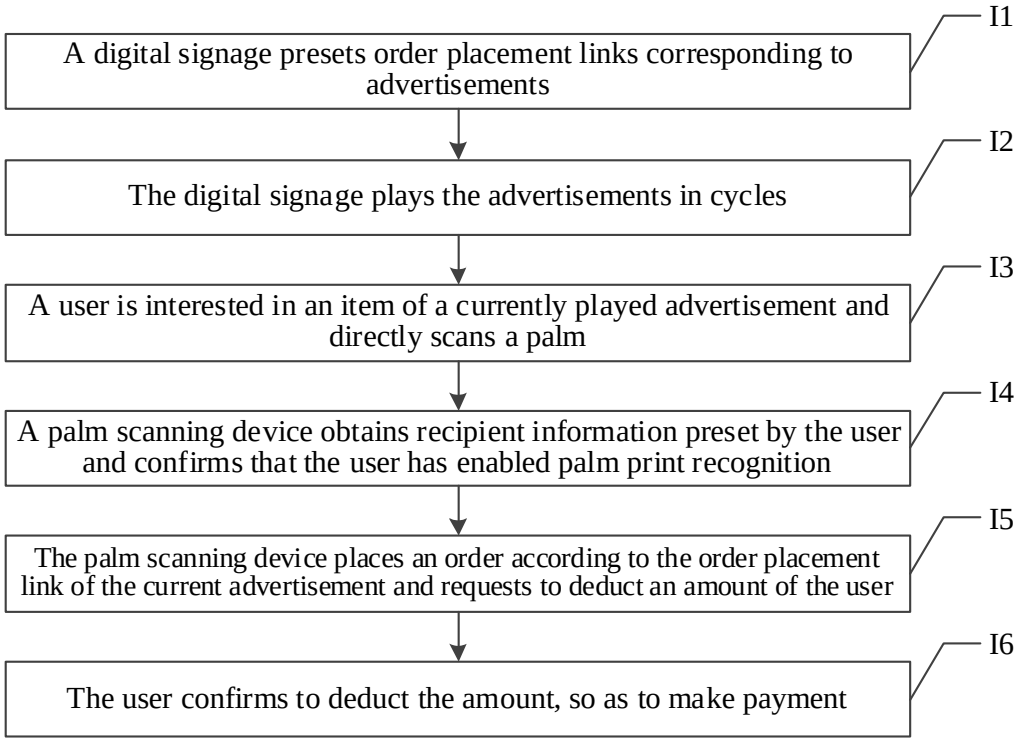

A digital signage presets order placement links corresponding to advertisements
I1
The digital signage plays the advertisements in cycles
I2
A user is interested in an item of a currently played advertisement and directly scans a palm
I3
A palm scanning device obtains recipient information preset by the user and confirms that the user has enabled palm print recognition
I4
The palm scanning device places an order according to the order placement link of the current advertisement and requests to deduct an amount of the user
I5
The user confirms to deduct the amount, so as to make payment
I6

FIG. 11

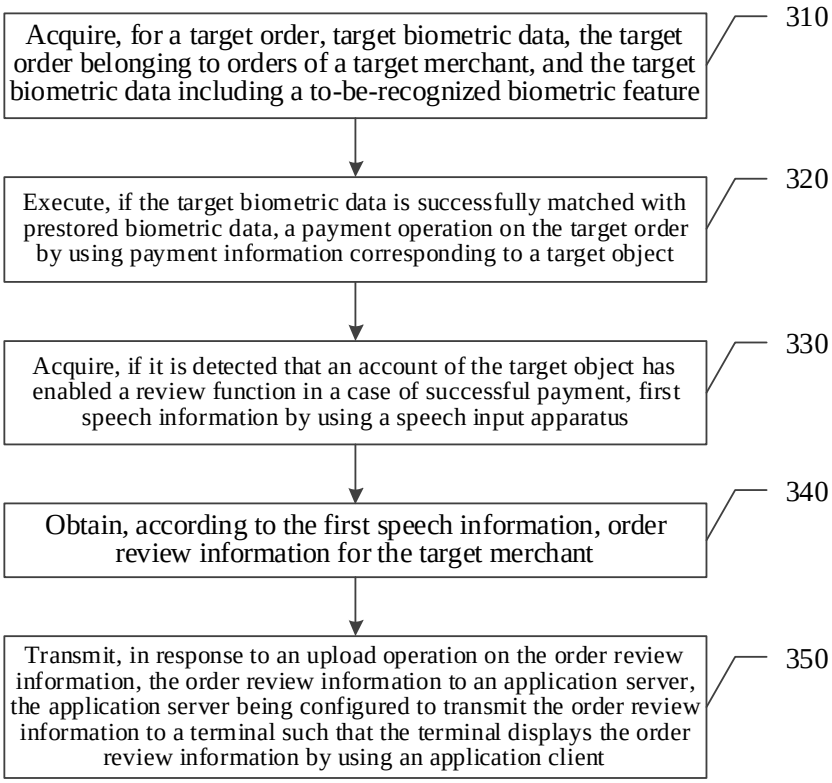

Acquire, for a target order, target biometric data, the target order belonging to orders of a target merchant, and the target biometric data including a to-be-recognized biometric feature
310
Execute, if the target biometric data is successfully matched with prestored biometric data, a payment operation on the target order by using payment information corresponding to a target object
320
Acquire, if it is detected that an account of the target object has enabled a review function in a case of successful payment, first speech information by using a speech input apparatus
330
Obtain, according to the first speech information, order review information for the target merchant
340
Transmit, in response to an upload operation on the order review information, the order review information to an application server, the application server being configured to transmit the order review information to a terminal such that the terminal displays the order review information by using an application client
350

FIG. 12

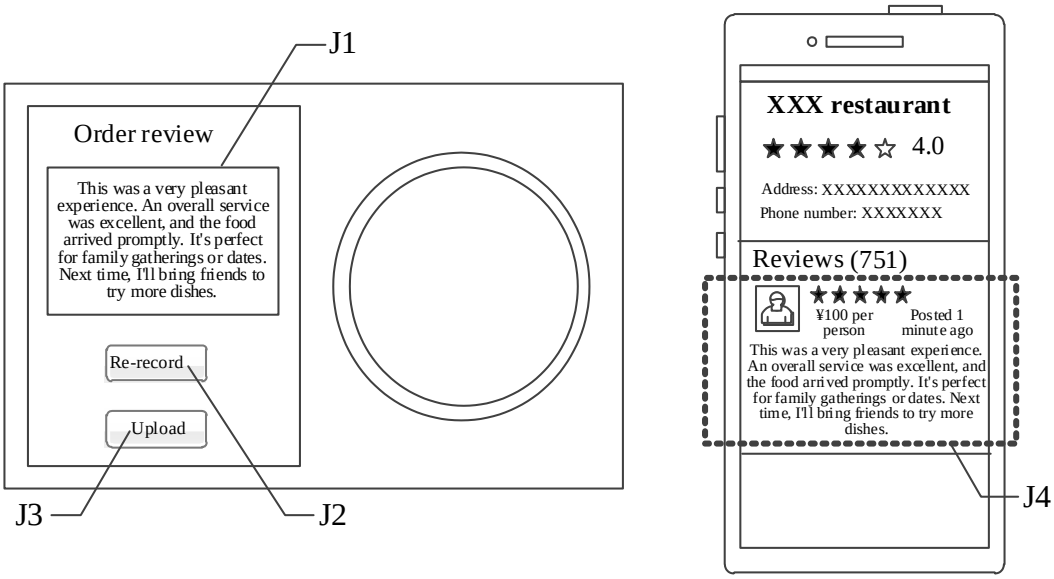

J1
Order review
This was a very pleasant experience. An overall service was excellent, and the food arrived promptly. It's perfect for family gatherings or dates. Next time, I'll bring friends to try more dishes.
Re-record
Upload
J3
J2
XXX restaurant
4.0
Address: XXXXXXXXXXXX
Phone number: XXXXXXX
Reviews (751)
¥100 per person
Posted 1 minute ago
This was a very pleasant experience. An overall service was excellent, and the food arrived promptly. It's perfect for family gatherings or dates. Next time, I'll bring friends to try more dishes.
J4

FIG. 13

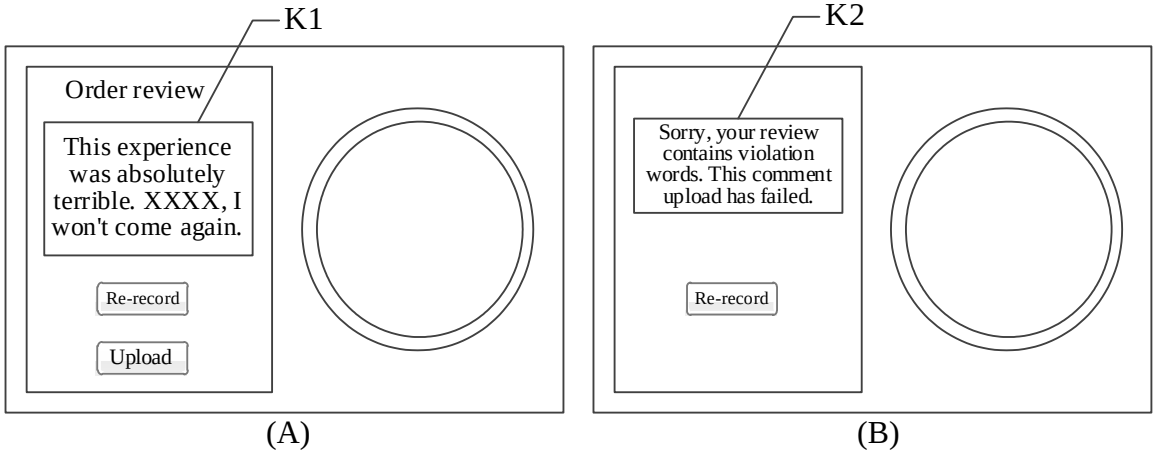

K1
Order review
This experience was absolutely terrible. XXXX, I won't come again.
Re-record
Upload
(A)
K2
Sorry, your review contains violation words. This comment upload has failed.
Re-record
(B)

FIG. 14

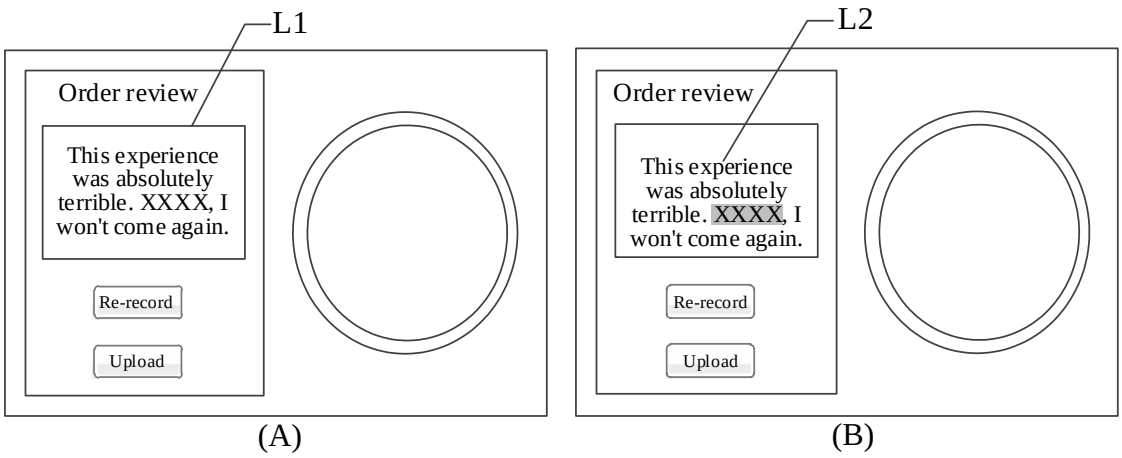

L1
Order review
This experience was absolutely terrible. XXXX, I won't come again.
Re-record
Upload
L2
Order review
This experience was absolutely terrible. XXXX, I won't come again.
Re-record
Upload
(A)
(B)

FIG. 15

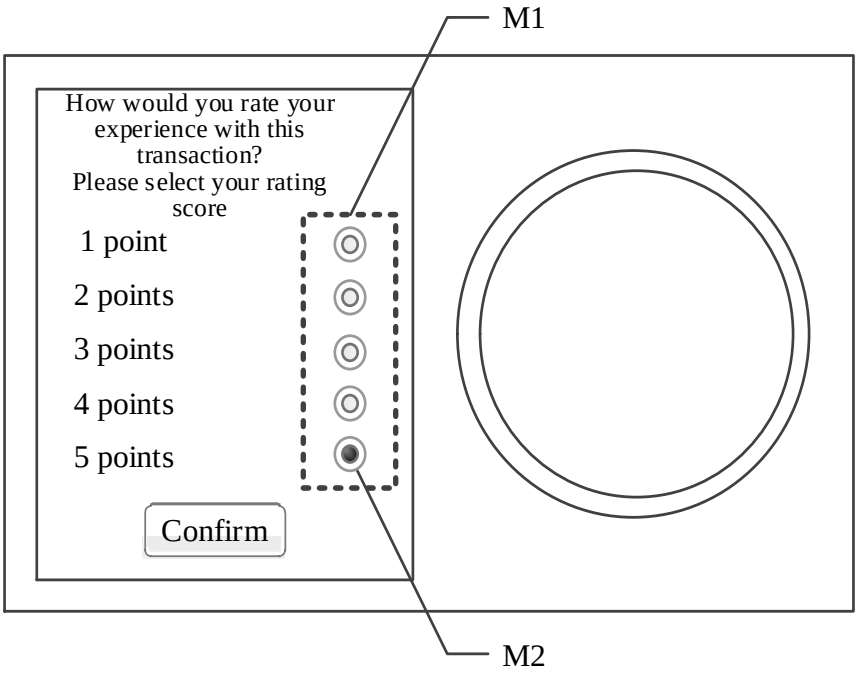

M1
How would you rate your experience with this transaction?
Please select your rating score
1 point
2 points
3 points
4 points
5 points
Confirm
M2

FIG. 16

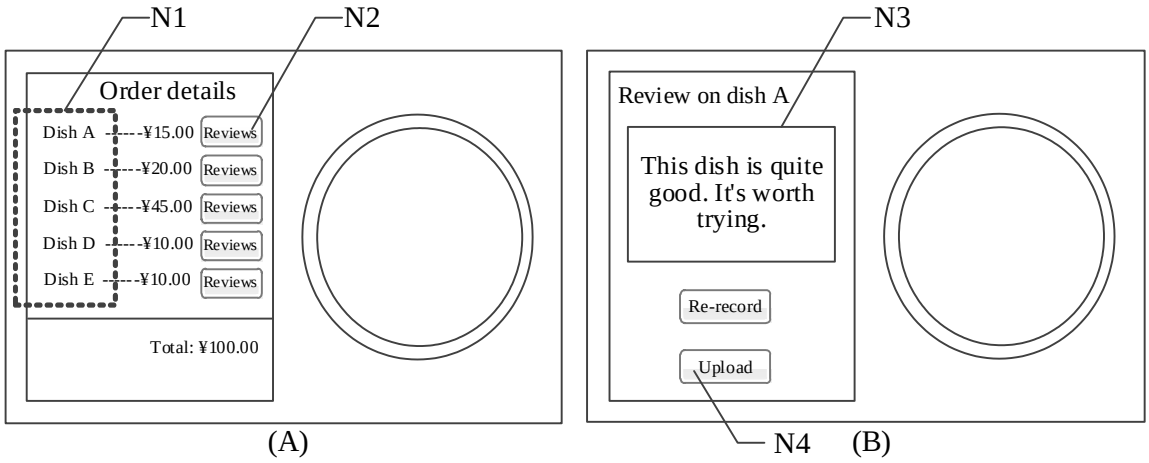

N1
N2
Order details
Dish A ----¥15.00 Reviews
Dish B ----¥20.00 Reviews
Dish C ----¥45.00 Reviews
Dish D ----¥10.00 Reviews
Dish E ----¥10.00 Reviews
Total: ¥100.00
(A)
N3
Review on dish A
This dish is quite good. It's worth trying.
Re-record
Upload
N4
(B)

FIG. 17

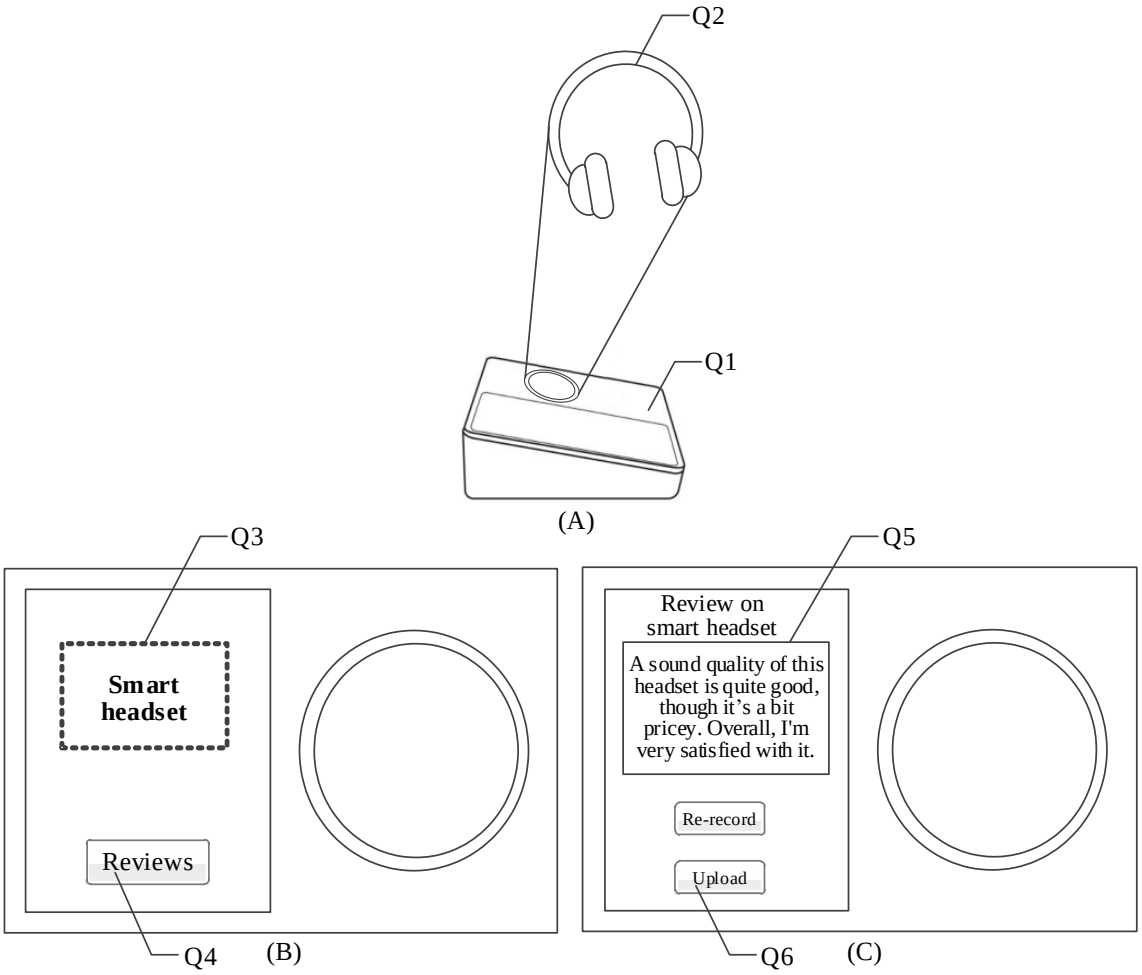

Q2
Q1
(A)
Q3
Smart headset
Reviews
Q4
(B)
Q5
Review on smart headset
A sound quality of this headset is quite good, though it's a bit pricey. Overall, I'm very satisfied with it.
Re-record
Upload
Q6
(C)

FIG. 18

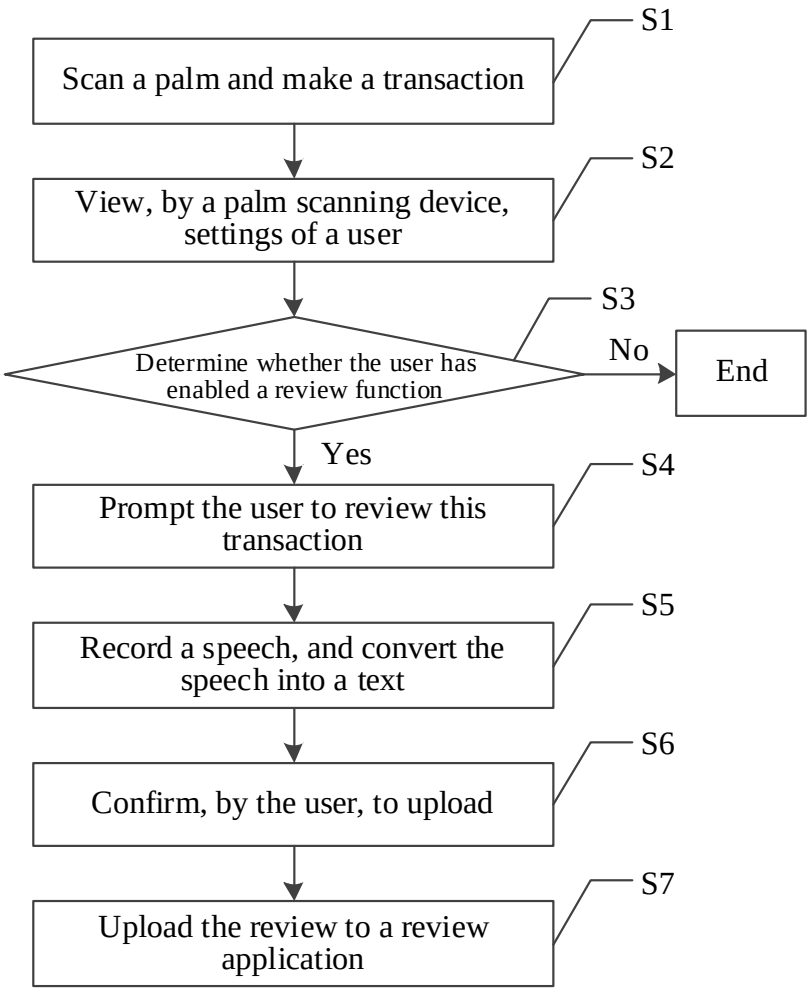

S1
Scan a palm and make a transaction
S2
View, by a palm scanning device, settings of a user
S3
Determine whether the user has enabled a review function
No
End
Yes
S4
Prompt the user to review this transaction
S5
Record a speech, and convert the speech into a text
S6
Confirm, by the user, to upload
S7
Upload the review to a review application

FIG. 19

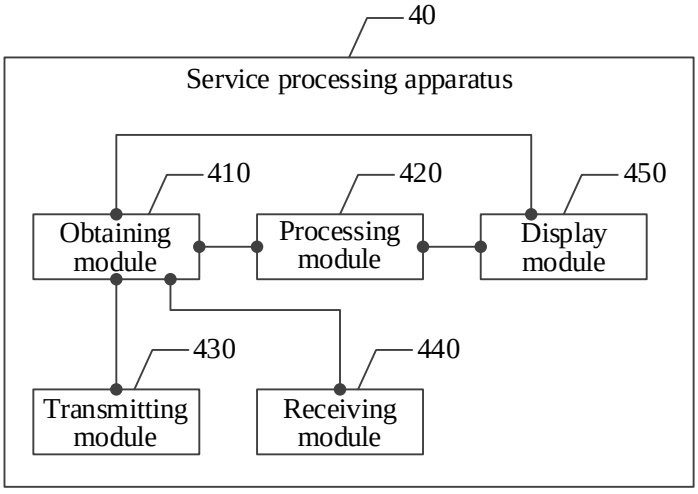

40
Service processing apparatus
410
420
450
Obtaining module
Processing module
Display module
430
440
Transmitting module
Receiving module

FIG. 20

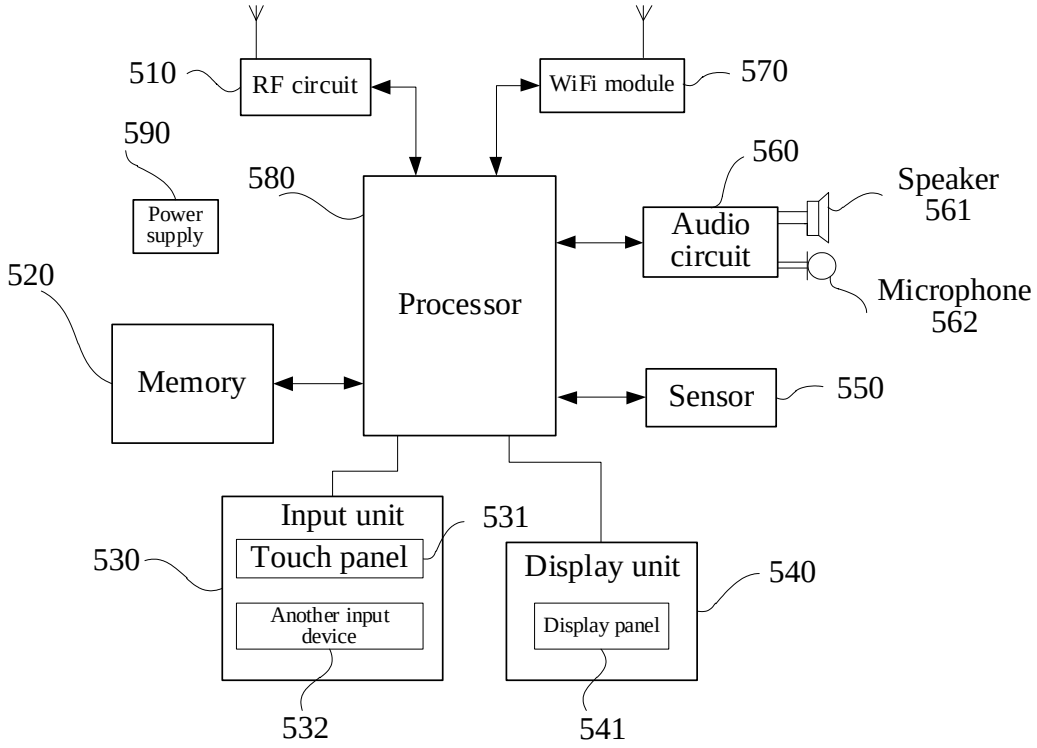

510
RF circuit
WiFi module
570
590
Power supply
580
560
Speaker
561
Audio circuit
Microphone
562
520
Processor
Memory
Sensor
550
Input unit
531
530
Touch panel
Another input device
Display unit
540
Display panel
532
541

FIG. 21