Drawings

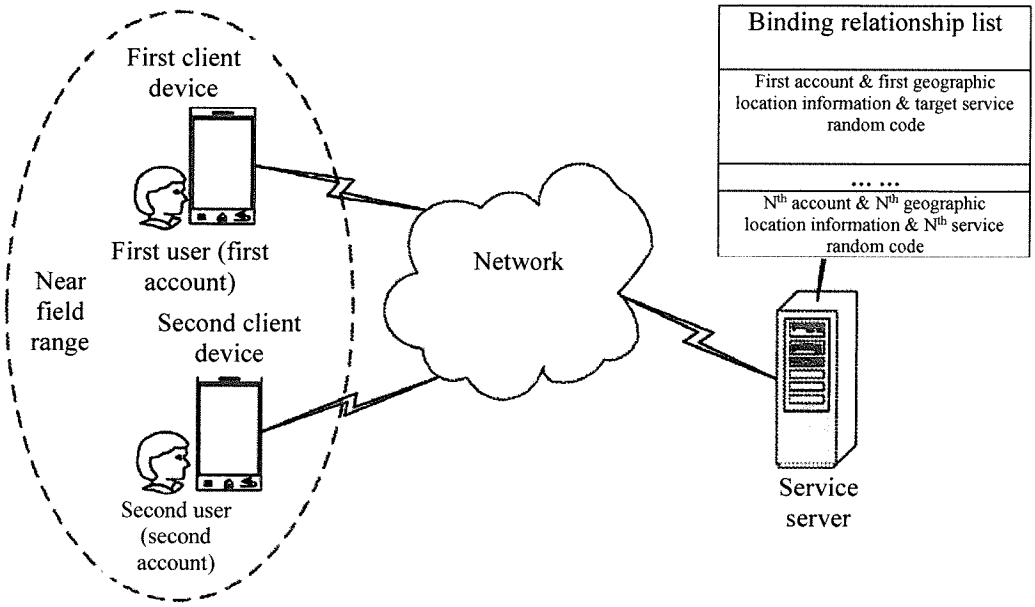


FIG. 1

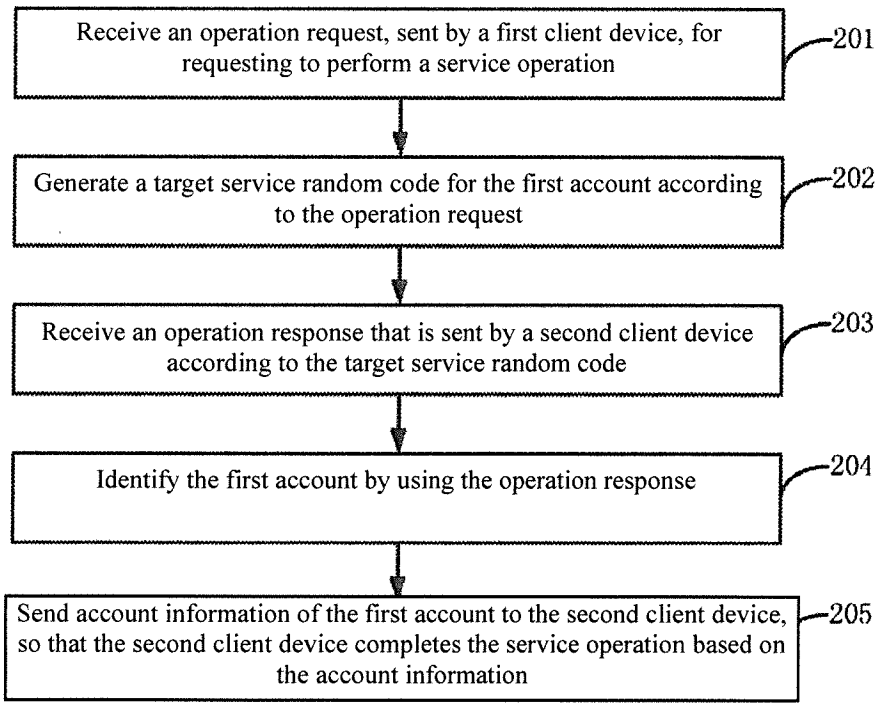


FIG. 2

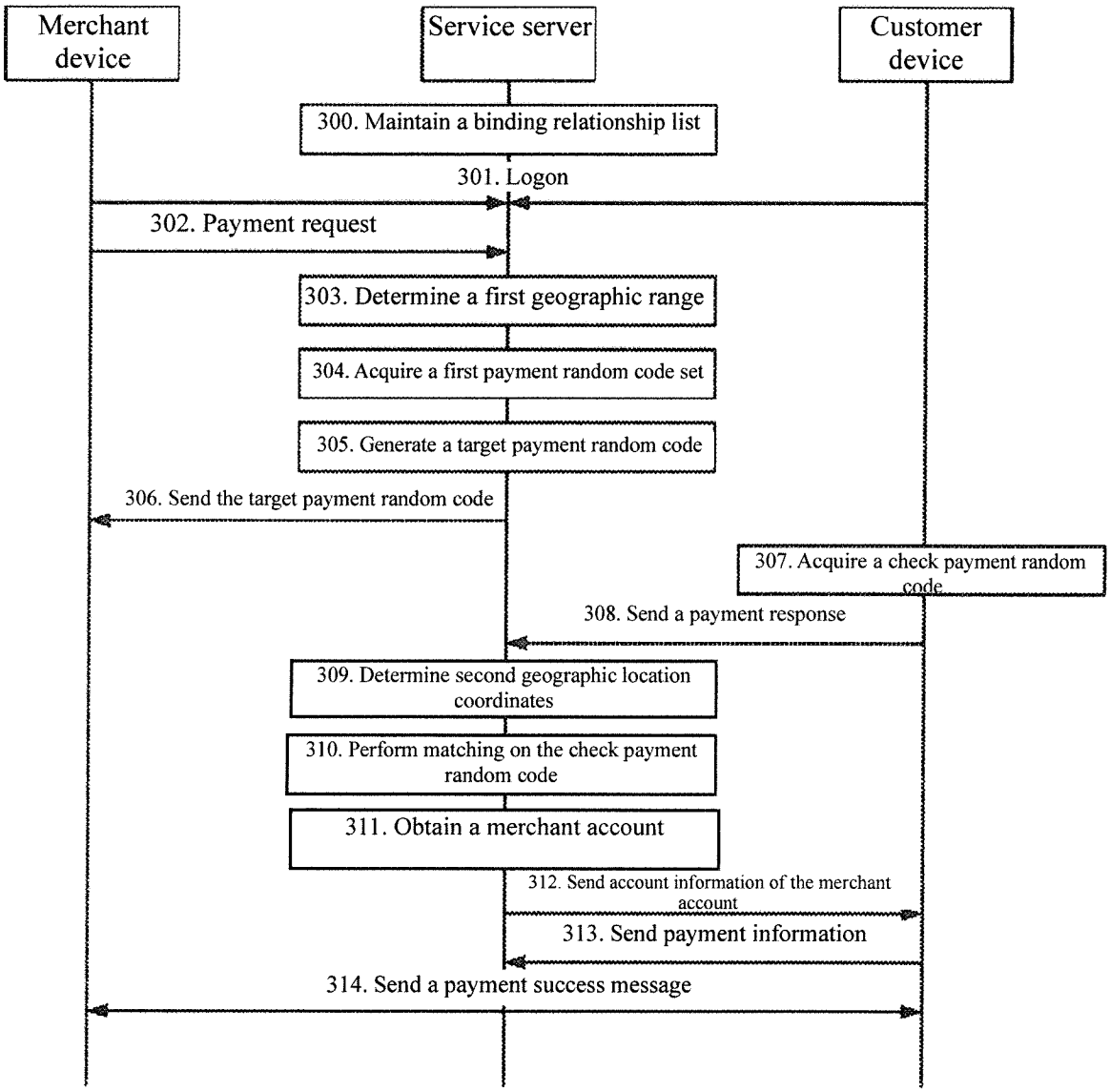

Merchant device
Service server
Customer device
300. Maintain a binding relationship list
301. Logon
302. Payment request
303. Determine a first geographic range
304. Acquire a first payment random code set
305. Generate a target payment random code
306. Send the target payment random code
307. Acquire a check payment random code
308. Send a payment response
309. Determine second geographic location coordinates
310. Perform matching on the check payment random code
311. Obtain a merchant account
312. Send account information of the merchant account
313. Send payment information
314. Send a payment success message

FIG. 3A

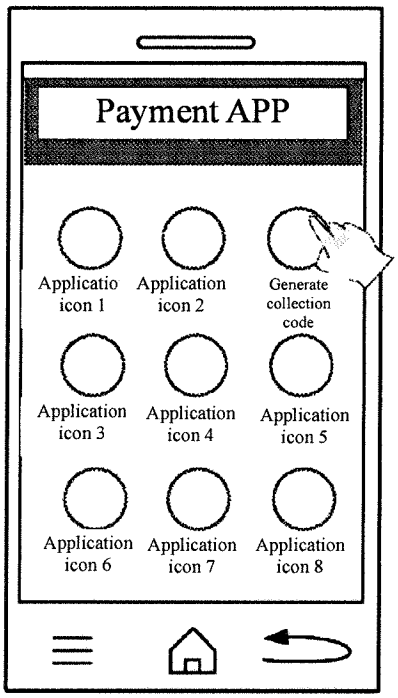

Payment APP
Applicatio icon 1
Application icon 2
Generate collection code
Application icon 3
Application icon 4
Application icon 5
Application icon 6
Application icon 7
Application icon 8

FIG. 3B

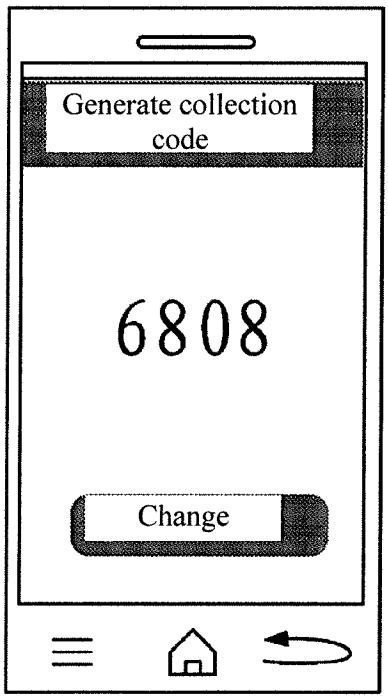

Generate collection code
6808
Change

FIG. 3C

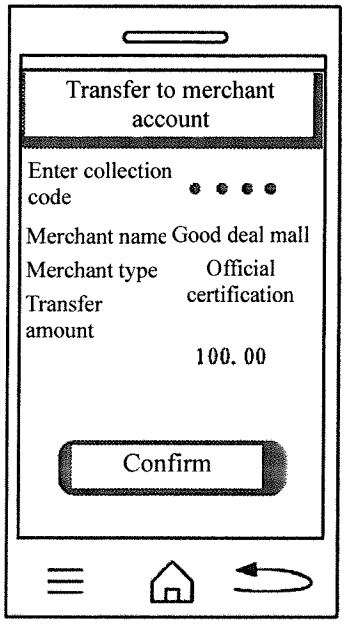

Transfer to merchant account
Enter collection code
Merchant name Good deal mall
Merchant type
Official certification
Transfer amount
100. 00
Confirm

FIG. 3D

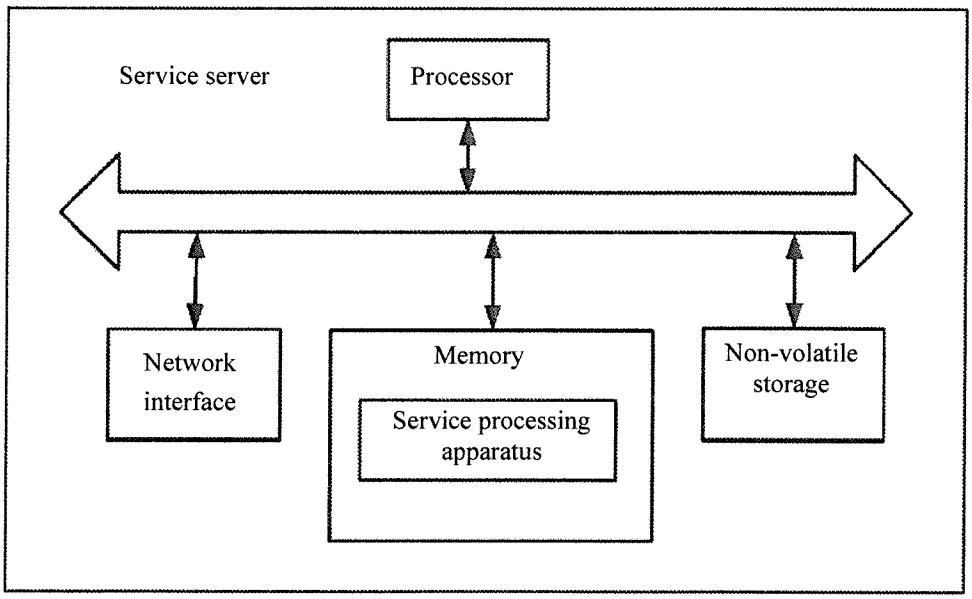

Service server
Processor
Network interface
Memory
Service processing apparatus
Non-volatile storage

FIG. 4

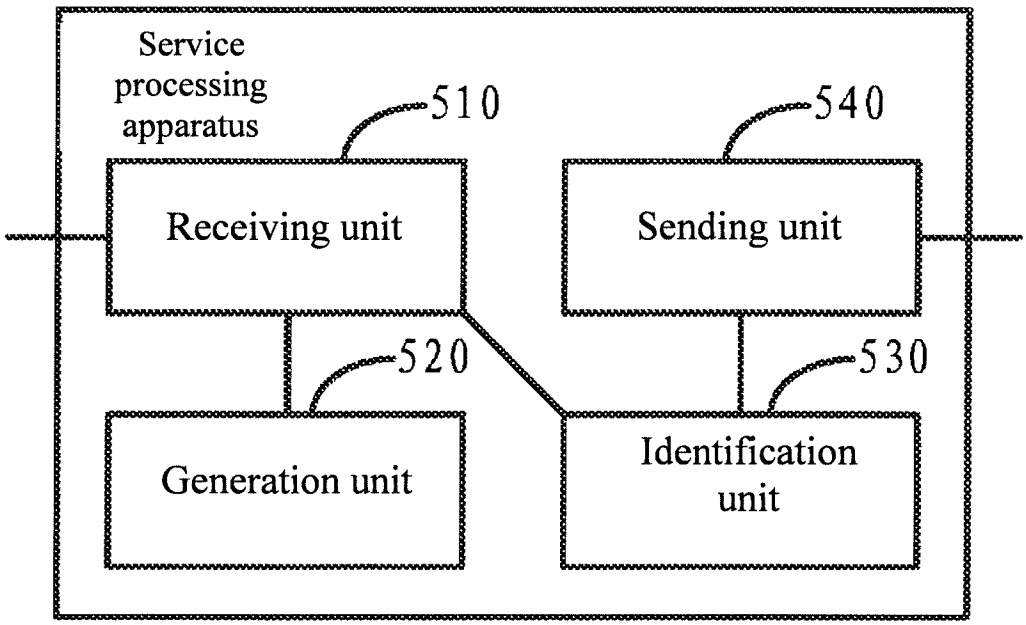

Service processing apparatus
510
540
Receiving unit
Sending unit
520
530
Generation unit
Identification unit

FIG. 5

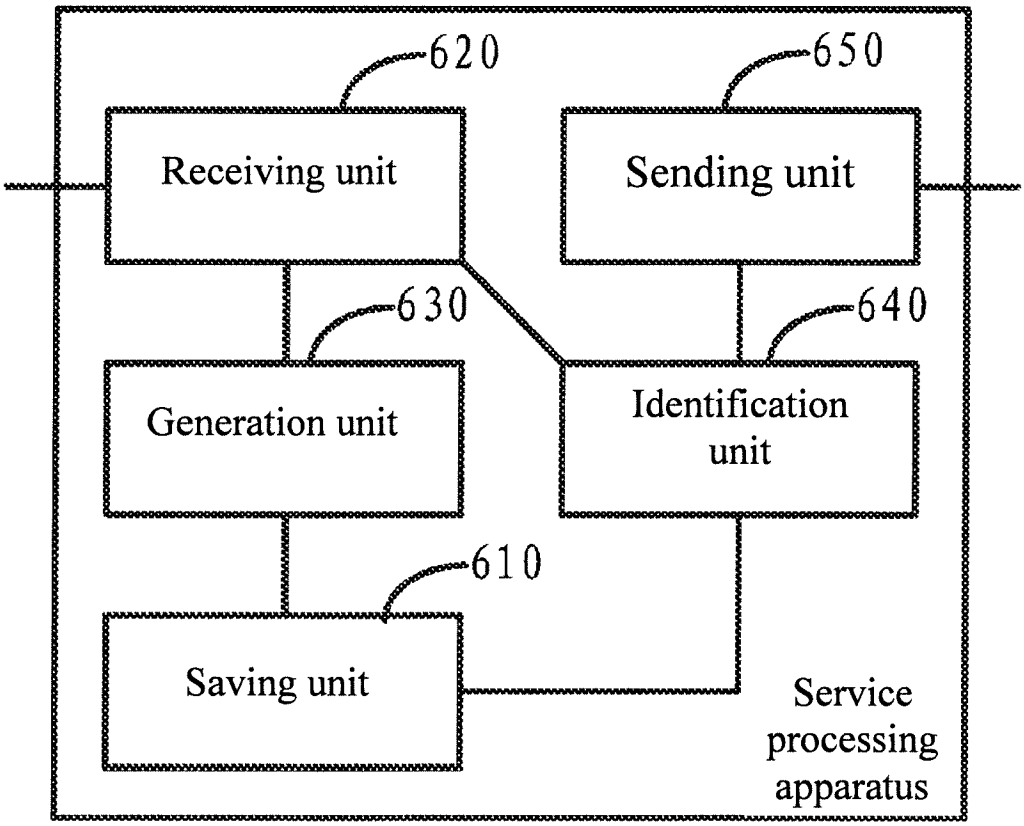

620
650
Receiving unit
Sending unit
630
640
Generation unit
Identification unit
610
Saving unit
Service processing apparatus

FIG. 6