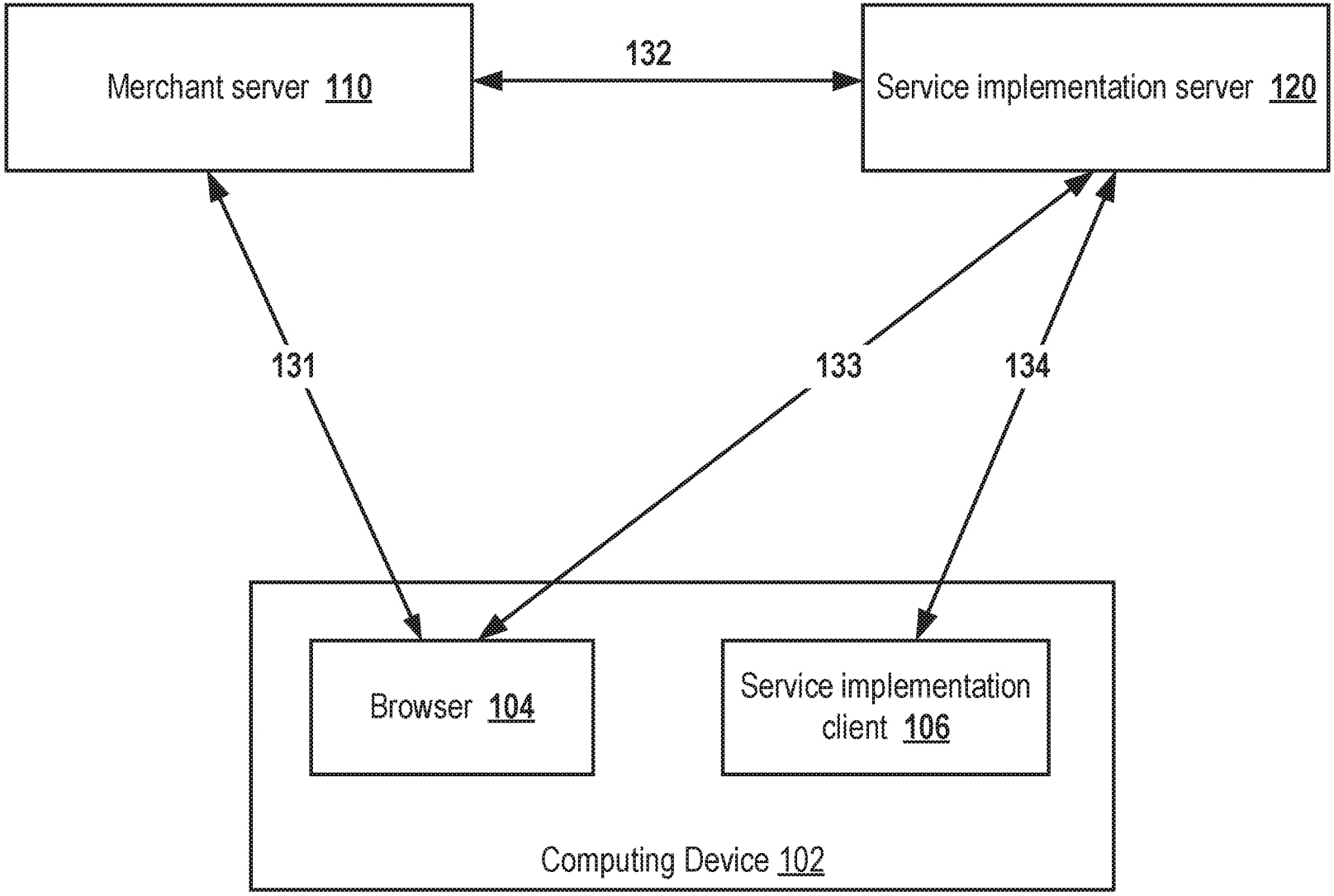

Merchant server 110
132
Service implementation server 120
131
133
134
Browser 104
Service implementation client 106
Computing Device 102

FIG. 1

100

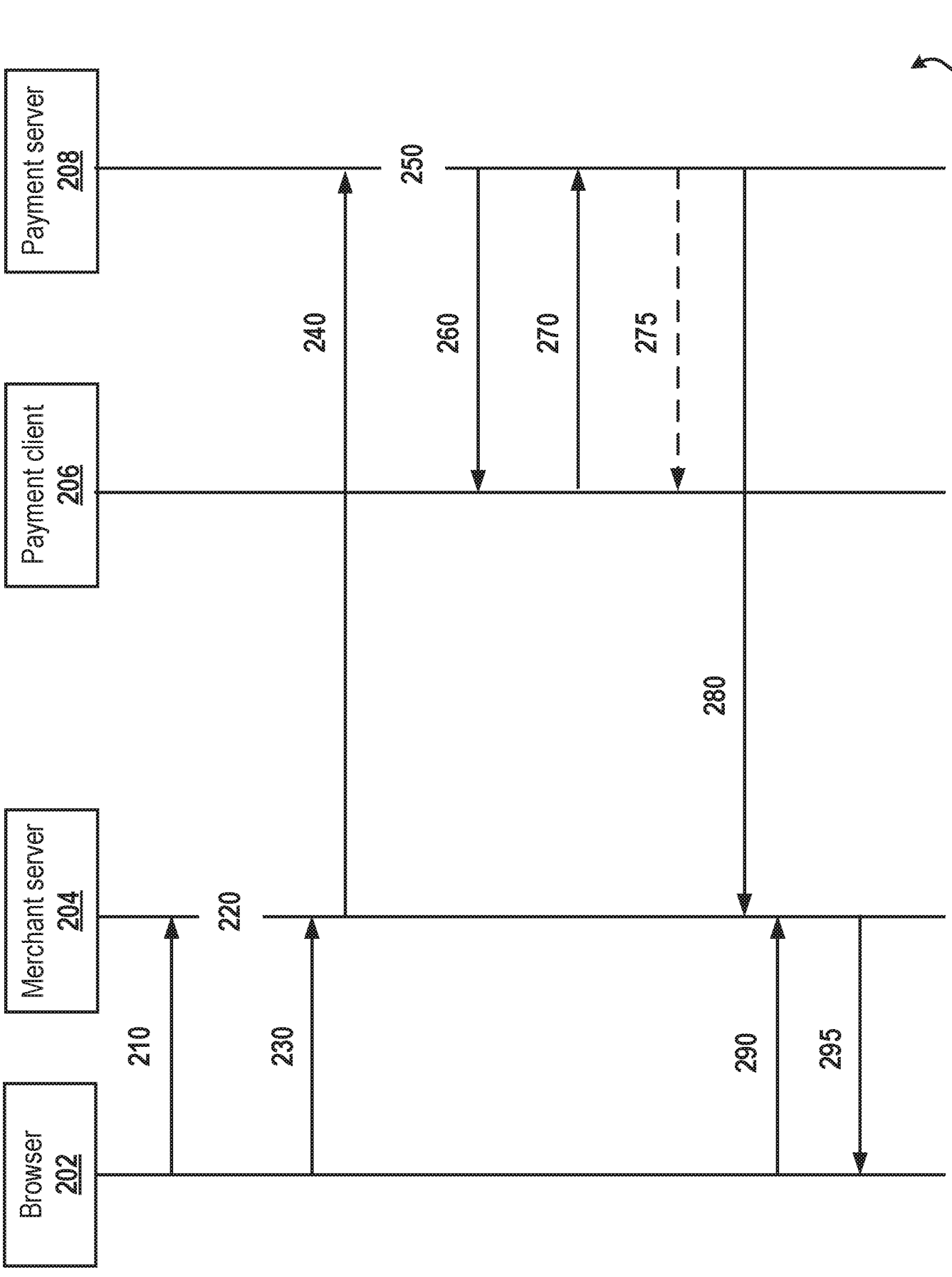

Browser
202
Merchant server
204
Payment client
206
Payment server
208
200
210
220
230
240
250
260
270
275
280
290
295

FIG. 2

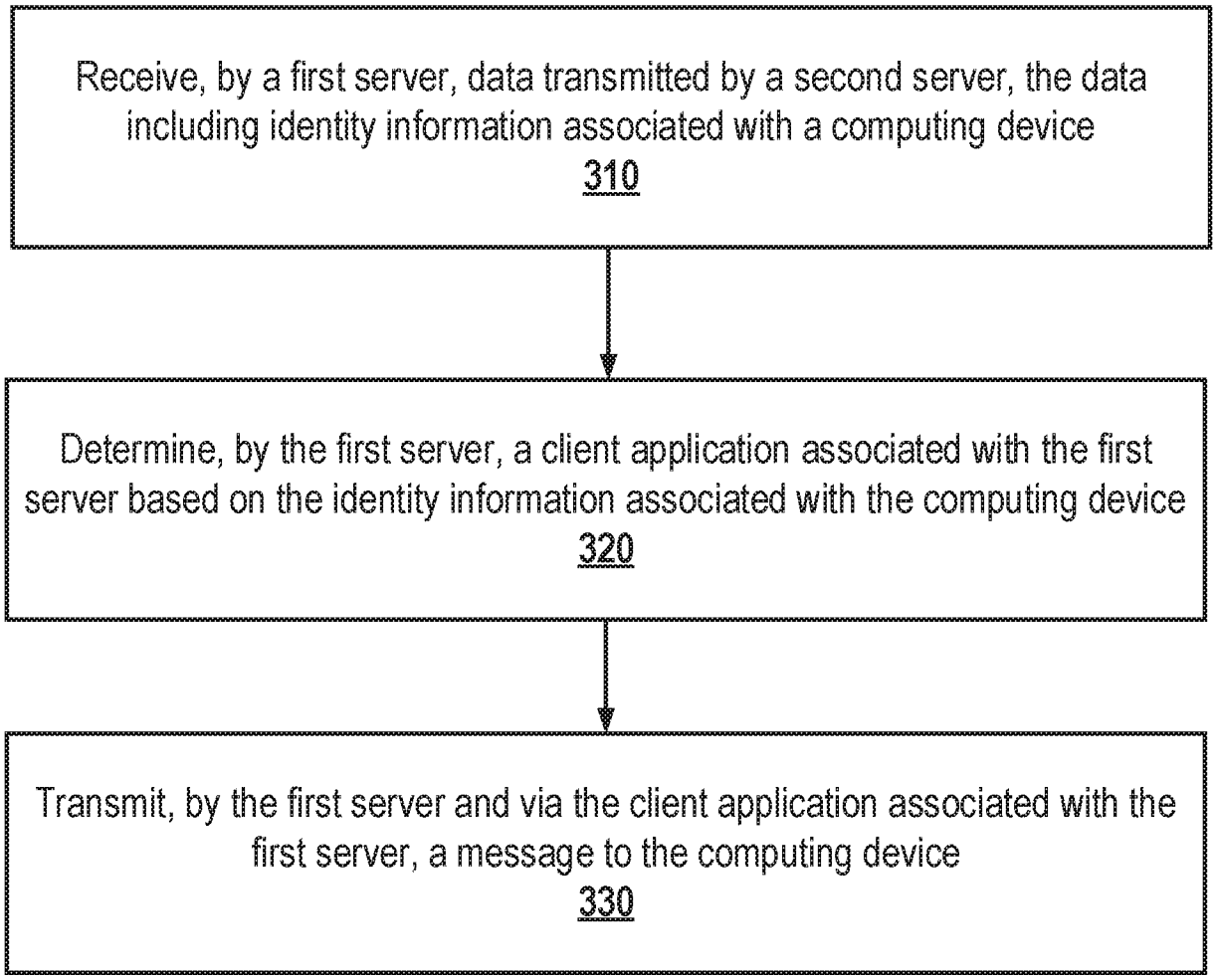

Receive, by a first server, data transmitted by a second server, the data including identity information associated with a computing device
310
Determine, by the first server, a client application associated with the first server based on the identity information associated with the computing device
320
Transmit, by the first server and via the client application associated with the first server, a message to the computing device
330
300

FIG. 3

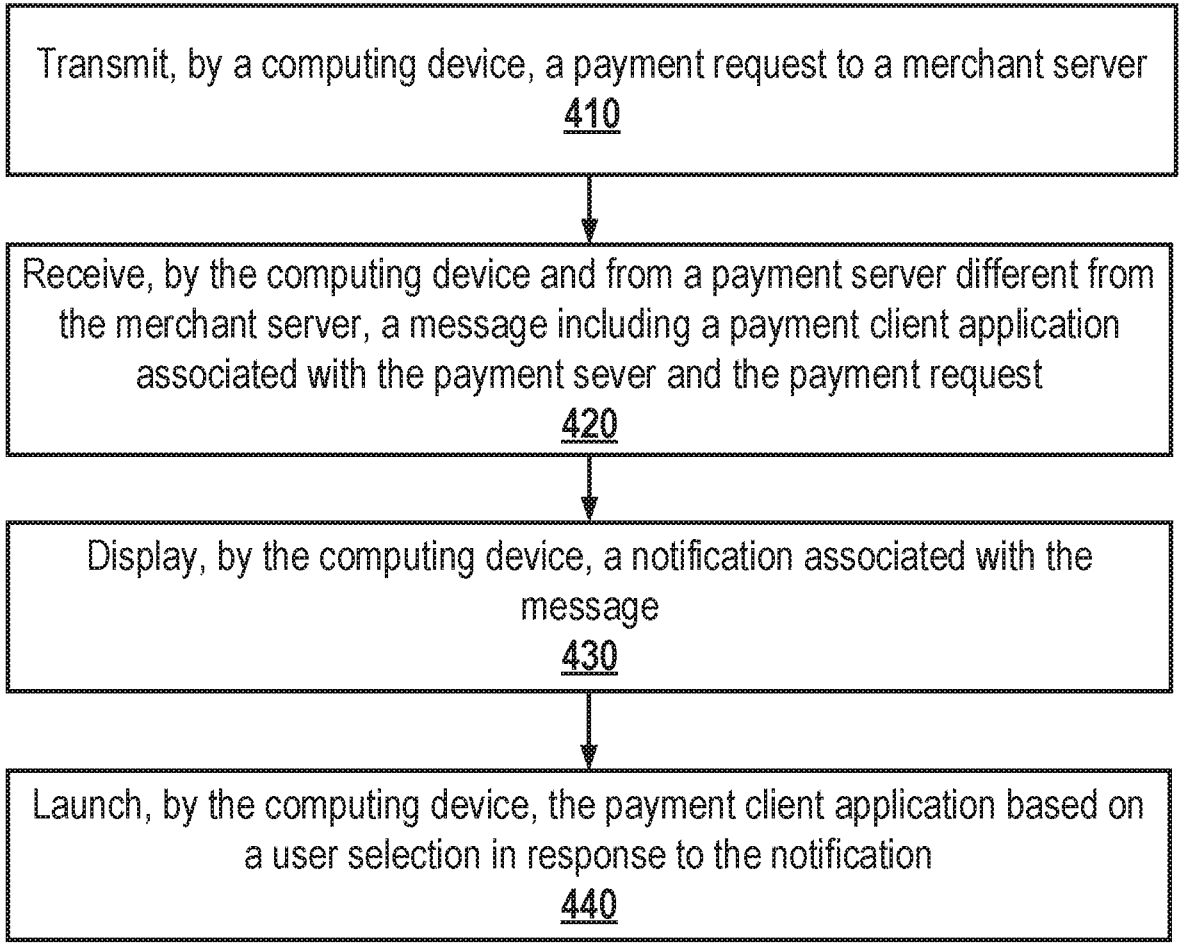

Transmit, by a computing device, a payment request to a merchant server
410
Receive, by the computing device and from a payment server different from the merchant server, a message including a payment client application associated with the payment sever and the payment request
420
Display, by the computing device, a notification associated with the message
430
Launch, by the computing device, the payment client application based on a user selection in response to the notification
440

FIG. 4

400

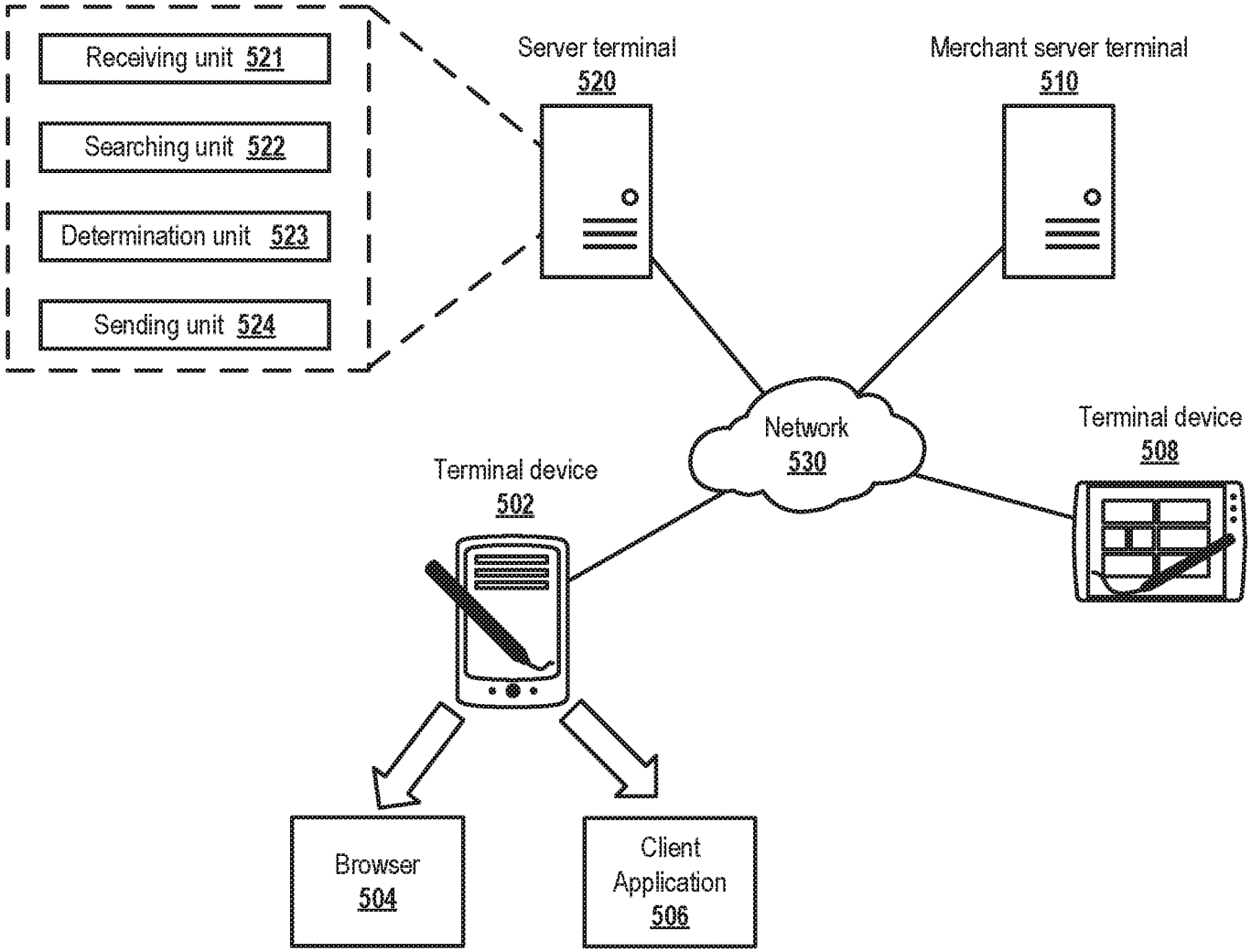

Receiving unit 521
Searching unit 522
Determination unit 523
Sending unit 524
Server terminal
520
Merchant server terminal
510
Network
530
Terminal device
502
Terminal device
508
Browser
504
Client
Application
506

FIG. 5

500

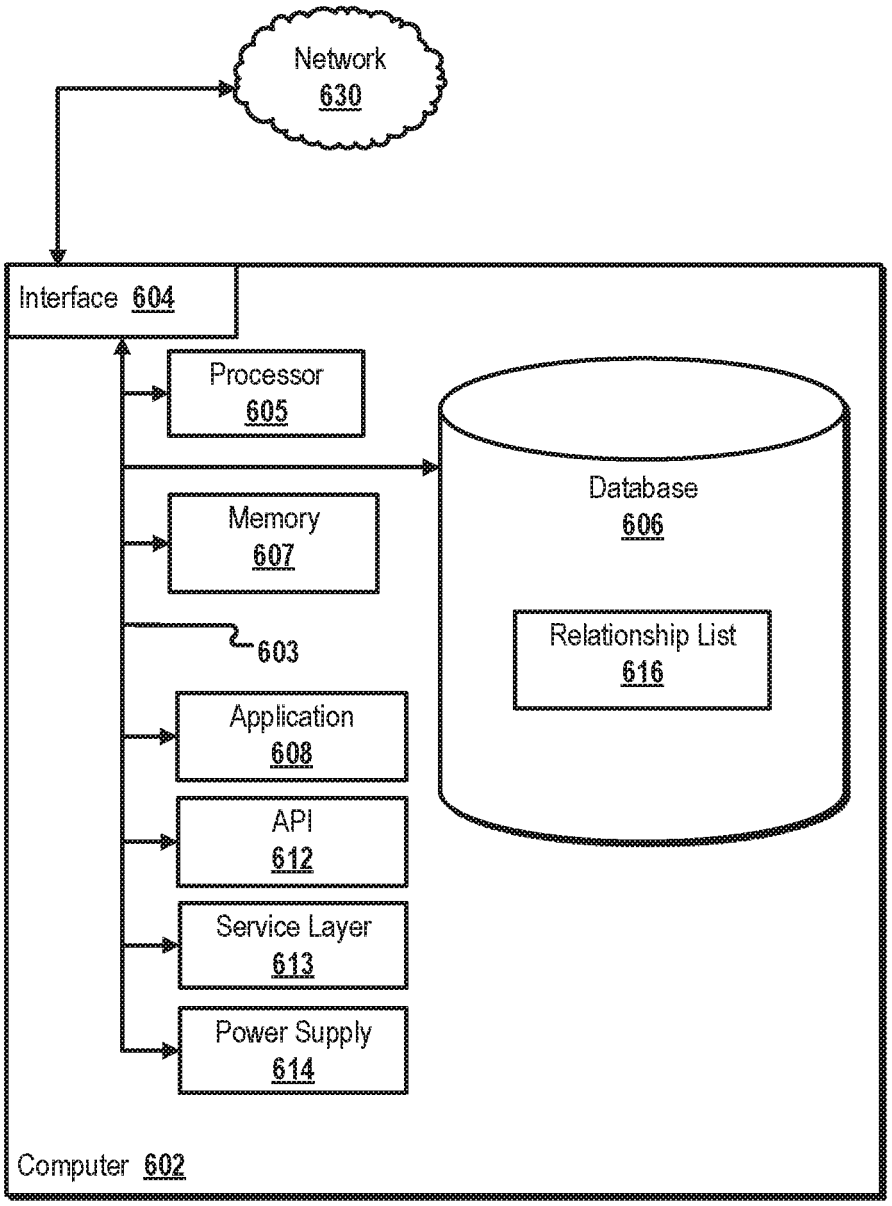

Network
630
Interface 604
Processor
605
Memory
607
603
Application
608
API
612
Service Layer
613
Power Supply
614
Database
606
Relationship List
616
Computer 602

FIG. 6

600