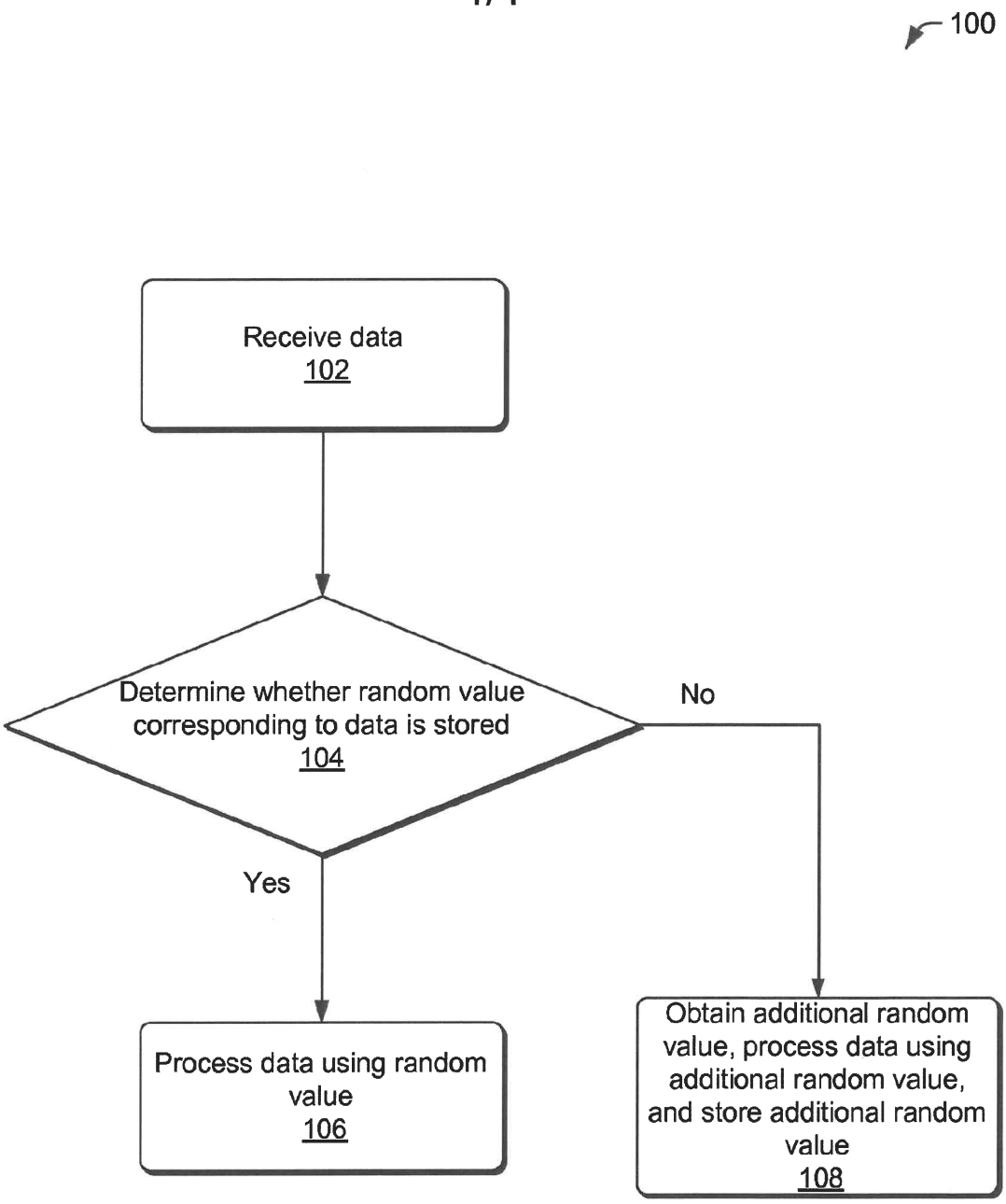

100
Receive data
102
Determine whether random value corresponding to data is stored
104
No
Yes
Process data using random value
106
Obtain additional random value, process data using additional random value, and store additional random value
108

FIG. 1

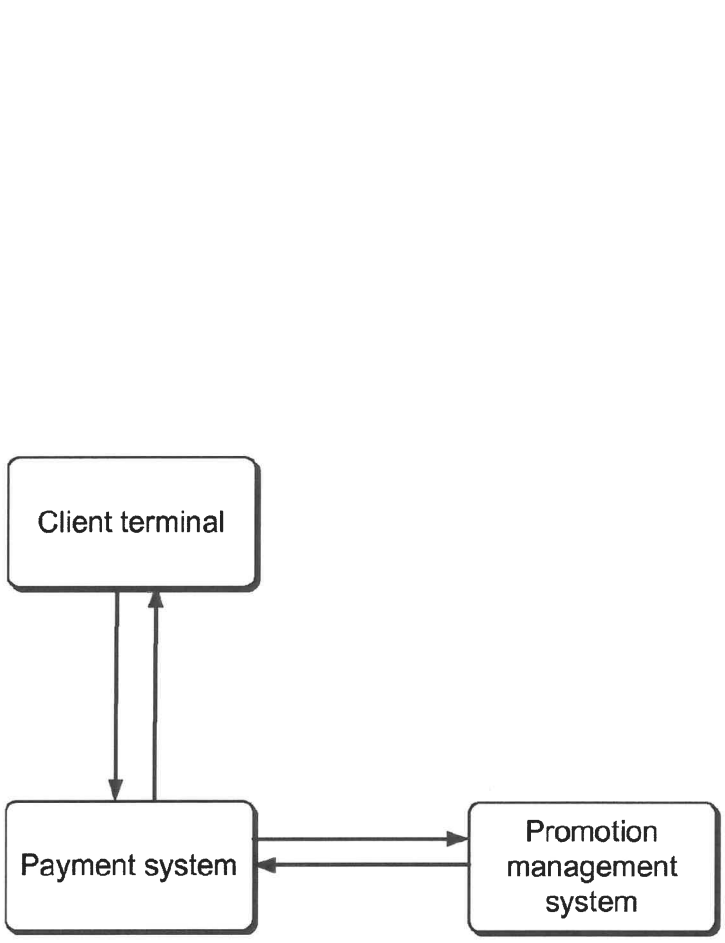

200
Client terminal
Payment system
Promotion management system

FIG. 2

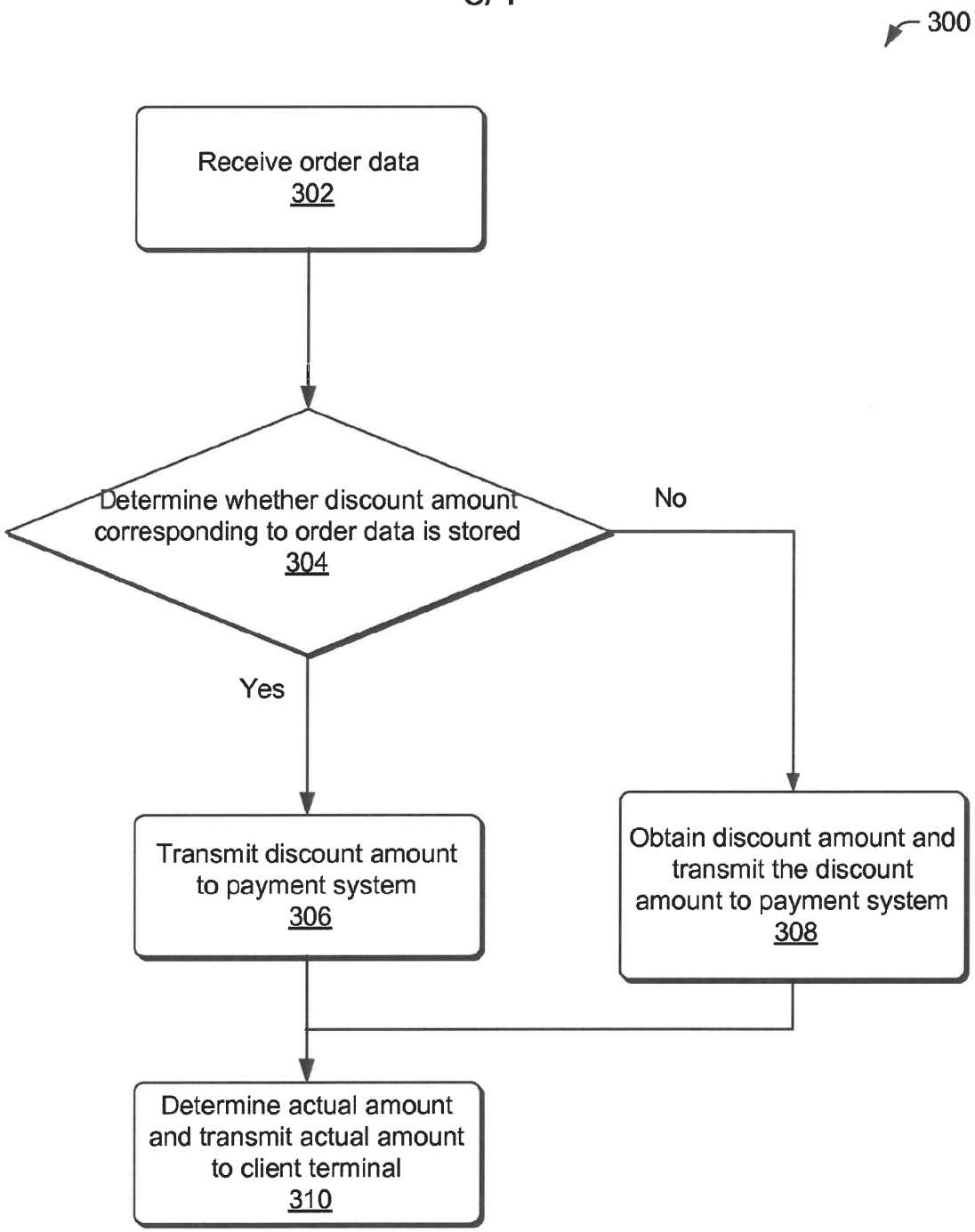

300
Receive order data
302
Determine whether discount amount corresponding to order data is stored
304
No
Yes
Transmit discount amount to payment system
306
Obtain discount amount and transmit the discount amount to payment system
308
Determine actual amount and transmit actual amount to client terminal
310

FIG. 3

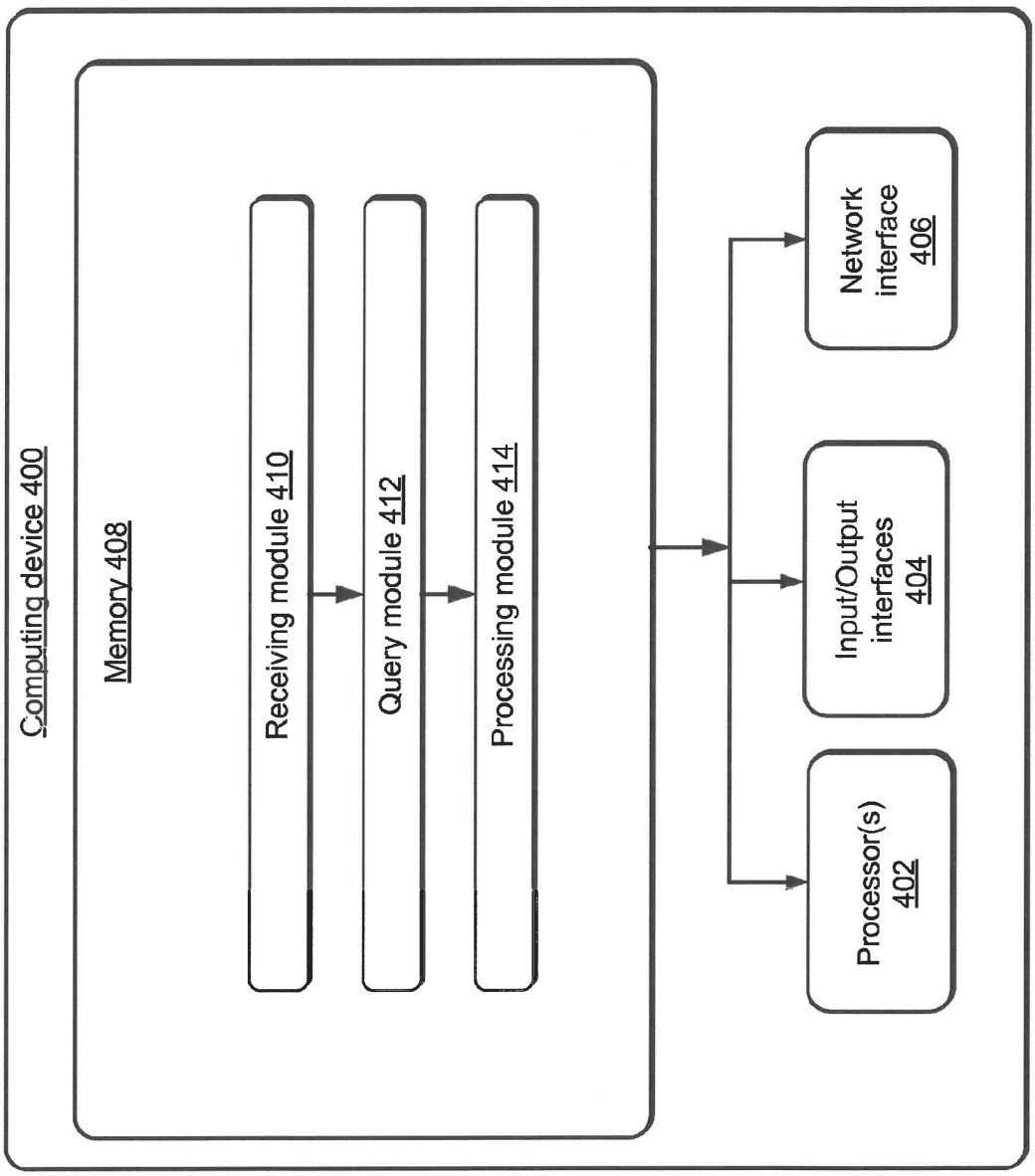

Computing device 400
Memory 408
Receiving module 410
Query module 412
Processing module 414
Processor(s) 402
Input/Output interfaces 404
Network interface 406

FIG. 4