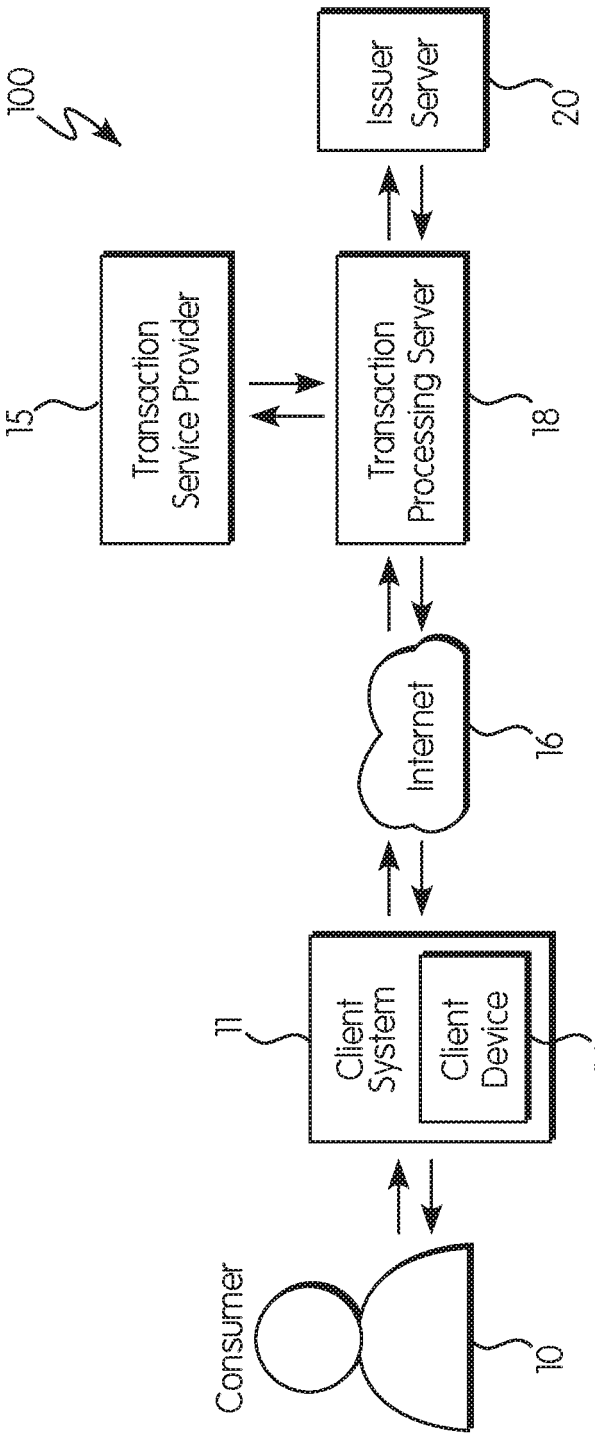

100
Issuer Server
20
Transaction Service Provider
15
Transaction Processing Server
18
Internet
16
Client System
11
Client Device
14
Consumer
10

FIG. 1

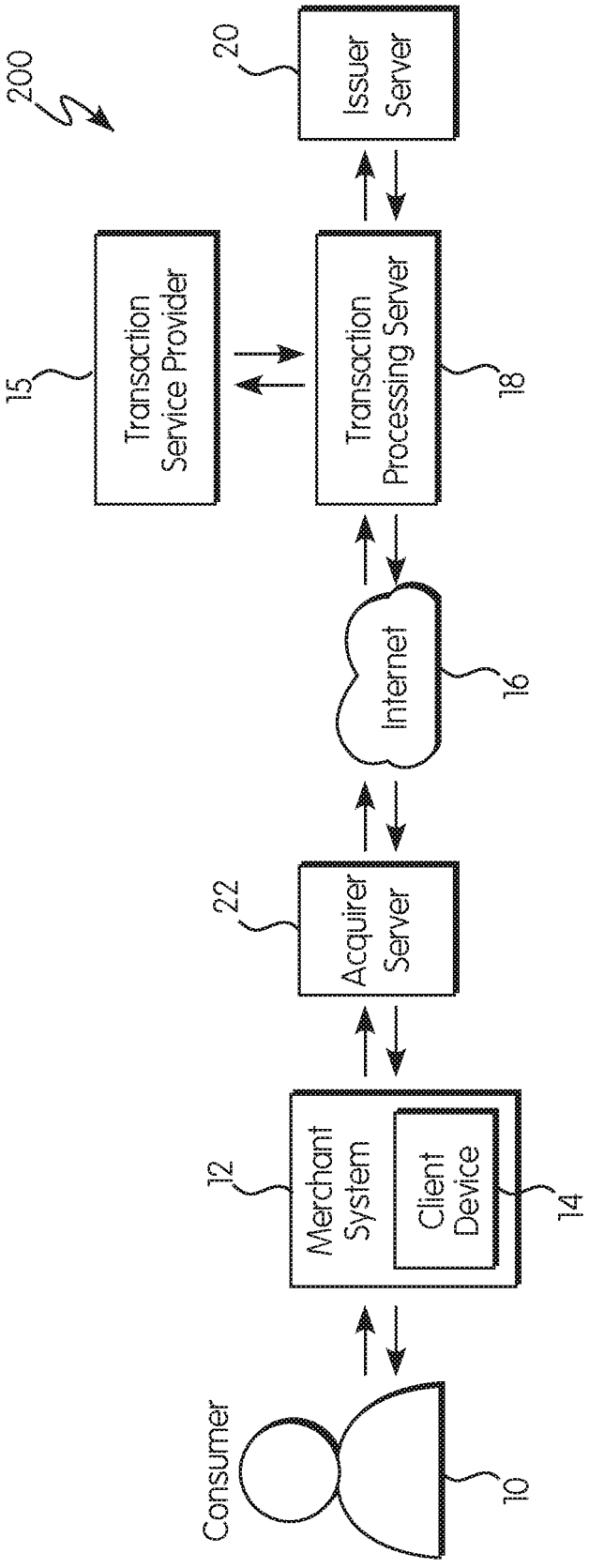

200
20
Issuer Server
15
Transaction Service Provider
Transaction Processing Server
18
Internet
16
22
Acquirer Server
12
Merchant System
Client Device
14
Consumer
10

FIG. 2

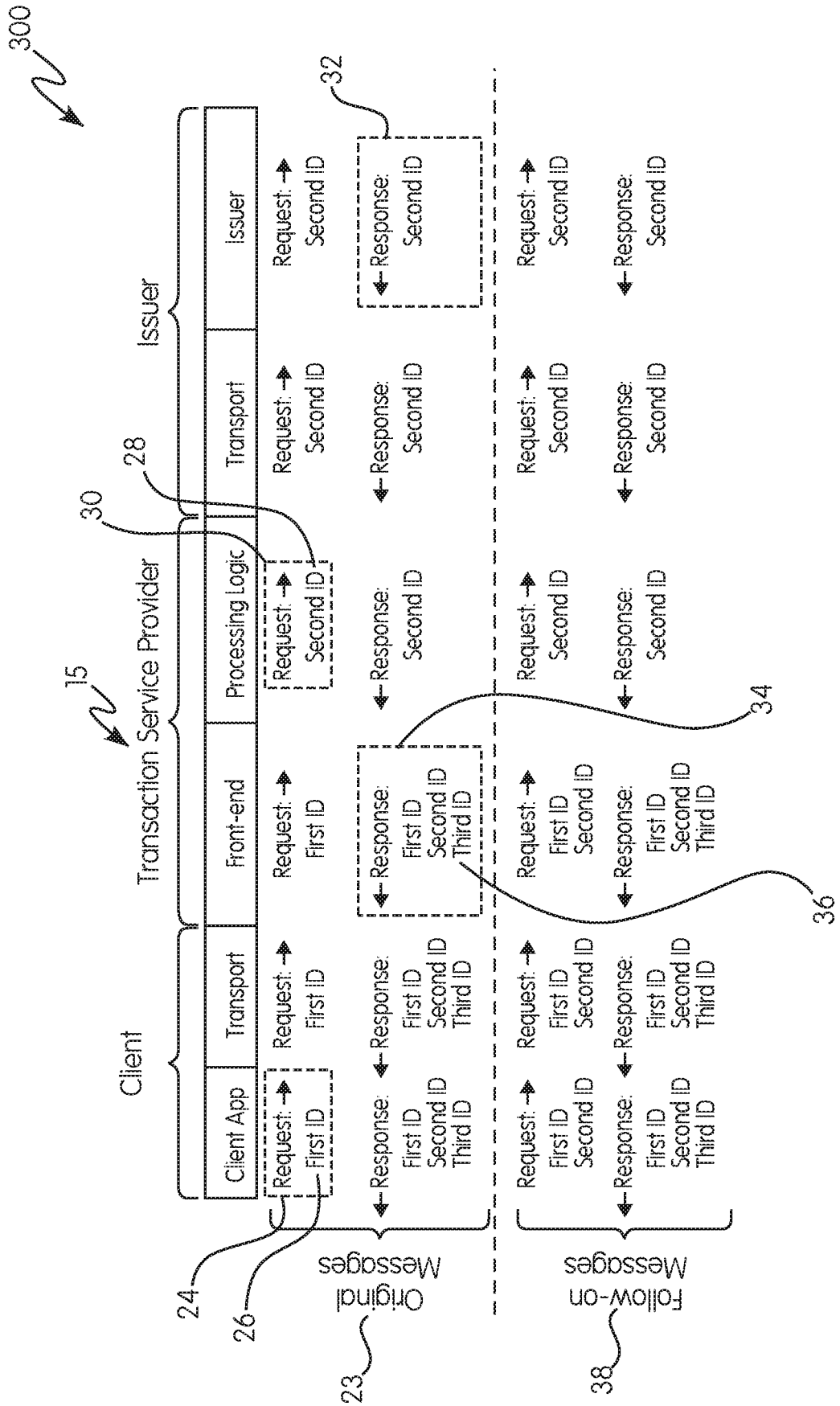

300
15
Transaction Service Provider
Client
Client App
Transport
Front-end
Processing Logic
Transport
Issuer
Issuer
28
30
32
24
26
23
Original Messages
34
36
38
Follow-on Messages
Request:
Response:
First ID
Second ID
Third ID

FIG. 3

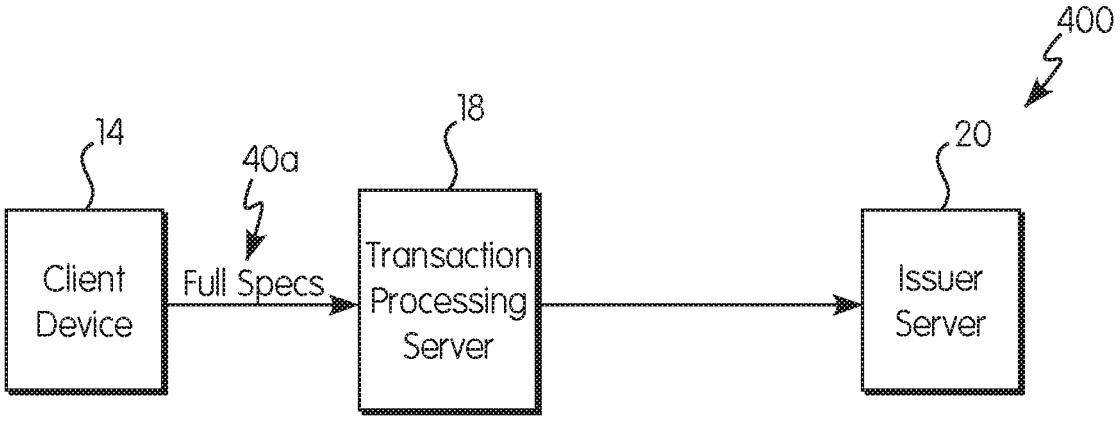

400
14
40a
18
20
Client Device
Full Specs
Transaction Processing Server
Issuer Server

FIG. 4A

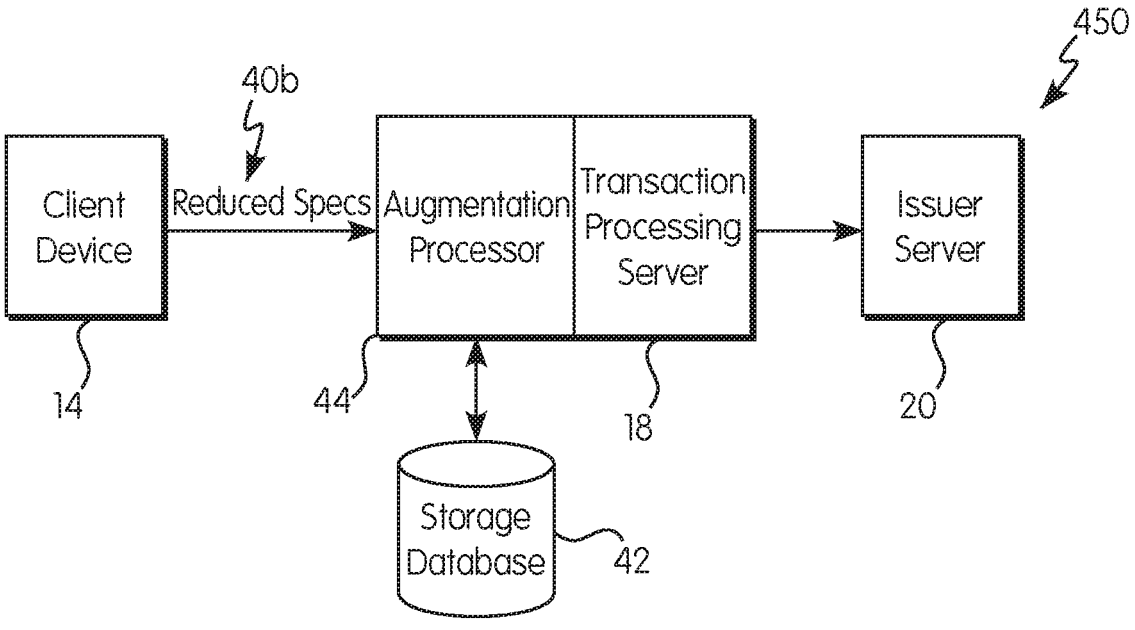

450
40b
Client Device
Reduced Specs
Augmentation Processor
Transaction Processing Server
Issuer Server
14
44
18
20
Storage Database
42

FIG. 4B

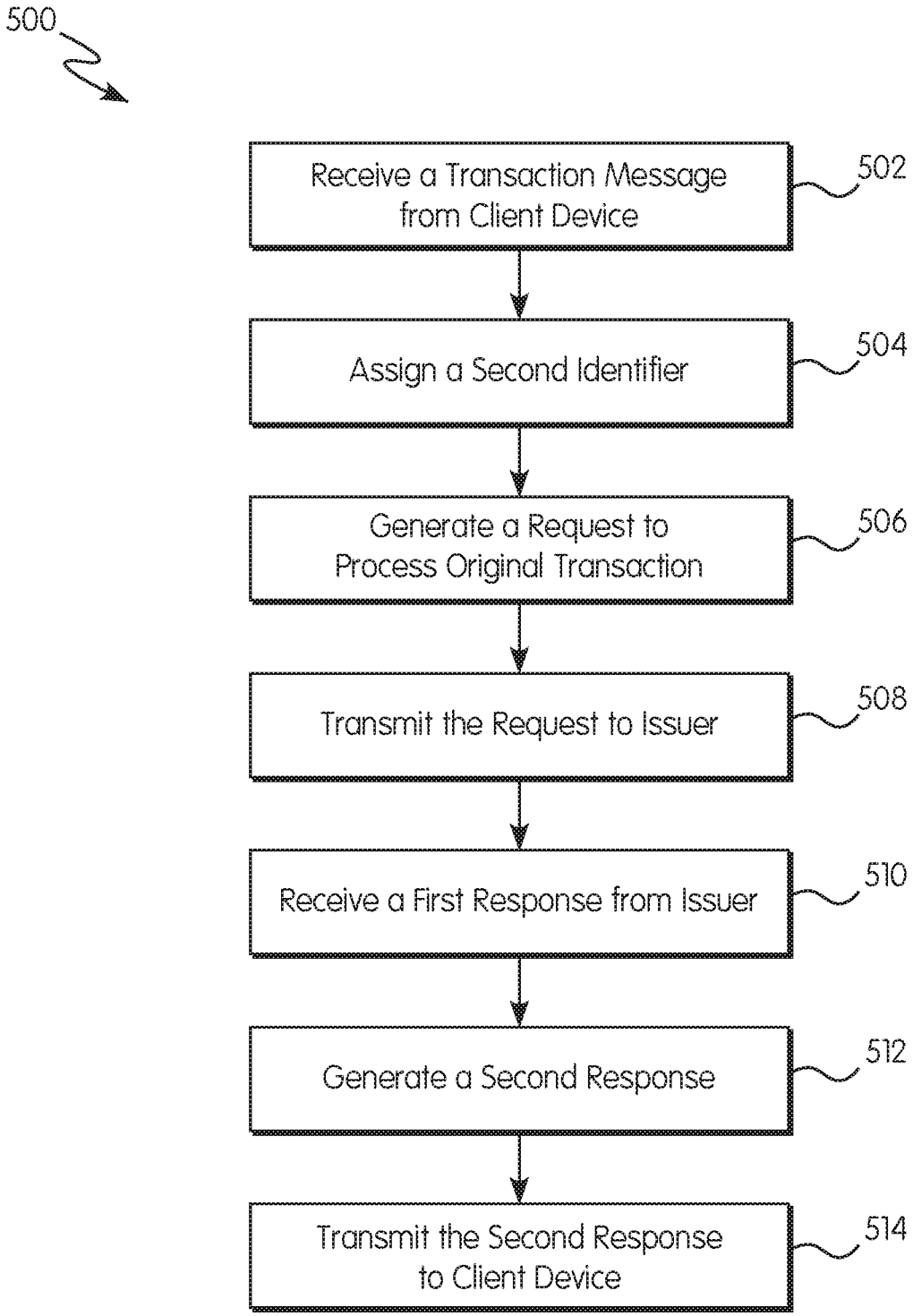

500
Receive a Transaction Message from Client Device
502
Assign a Second Identifier
504
Generate a Request to Process Original Transaction
506
Transmit the Request to Issuer
508
Receive a First Response from Issuer
510
Generate a Second Response
512
Transmit the Second Response to Client Device
514

FIG. 5

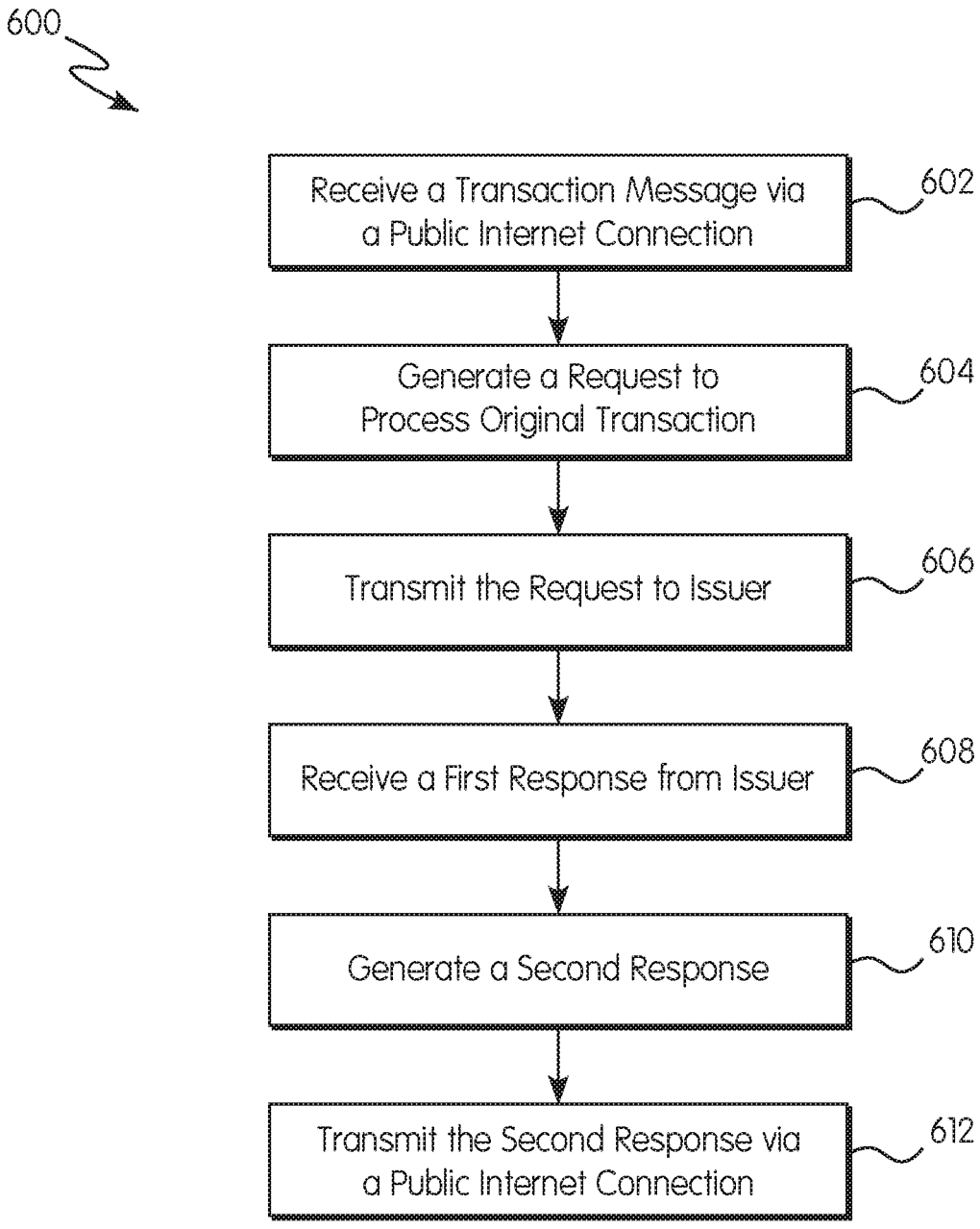

600
Receive a Transaction Message via a Public Internet Connection
602
Generate a Request to Process Original Transaction
604
Transmit the Request to Issuer
606
Receive a First Response from Issuer
608
Generate a Second Response
610
Transmit the Second Response via a Public Internet Connection
612

FIG. 6

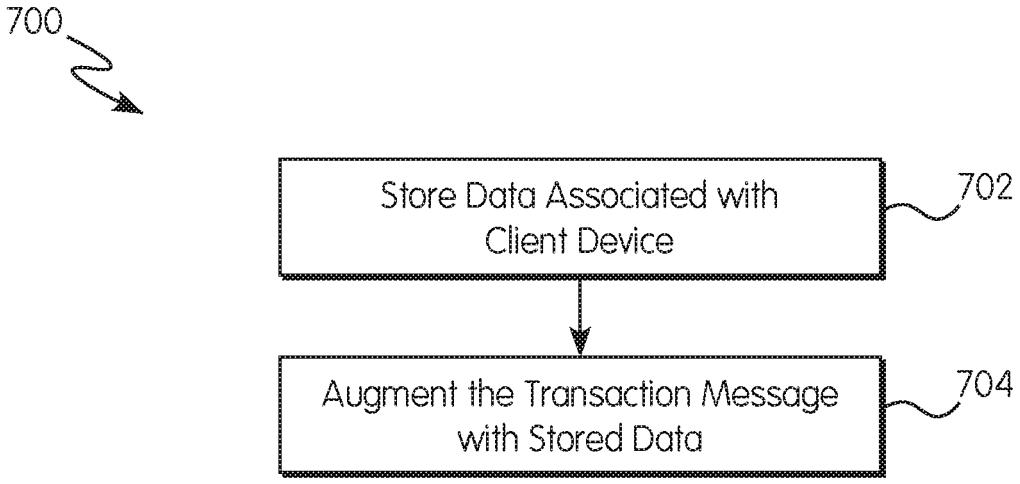

700
Store Data Associated with Client Device
702
Augment the Transaction Message with Stored Data
704

FIG. 7

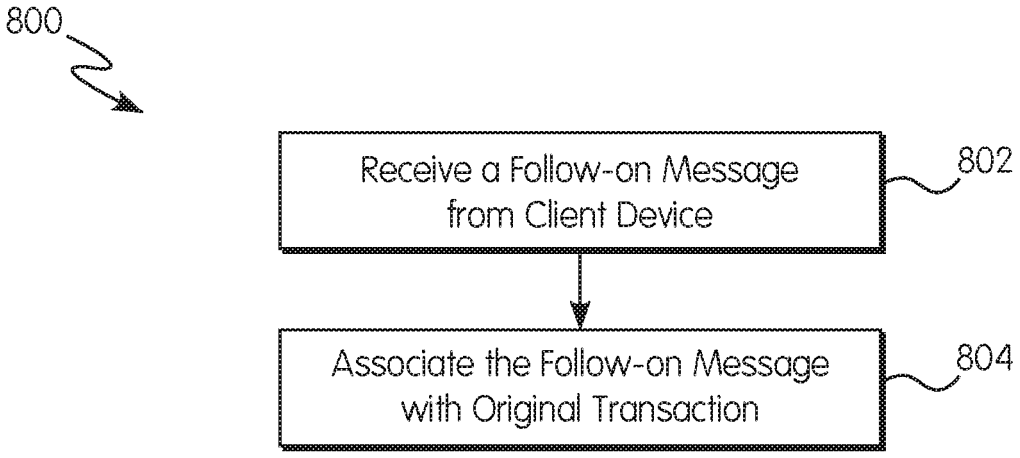

800
Receive a Follow-on Message from Client Device
802
Associate the Follow-on Message with Original Transaction
804

FIG. 8