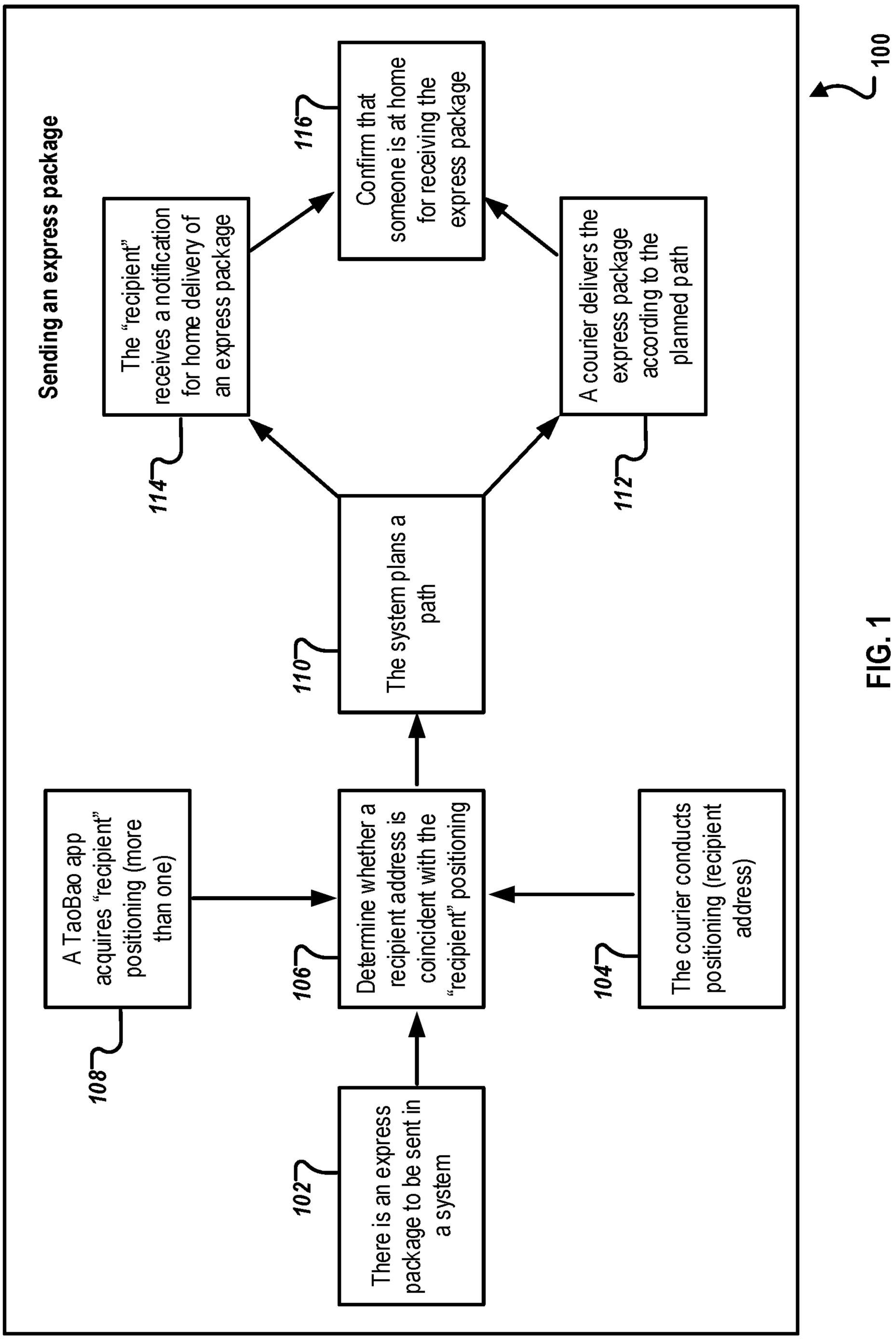

100
Sending an express package
116
Confirm that someone is at home for receiving the express package
The "recipient" receives a notification for home delivery of an express package
114
A courier delivers the express package according to the planned path
112
The system plans a path
110
A TaoBao app acquires "recipient" positioning (more than one)
108
Determine whether a recipient address is coincident with the "recipient" positioning
106
The courier conducts positioning (recipient address)
104
There is an express package to be sent in a system
102

FIG. 1

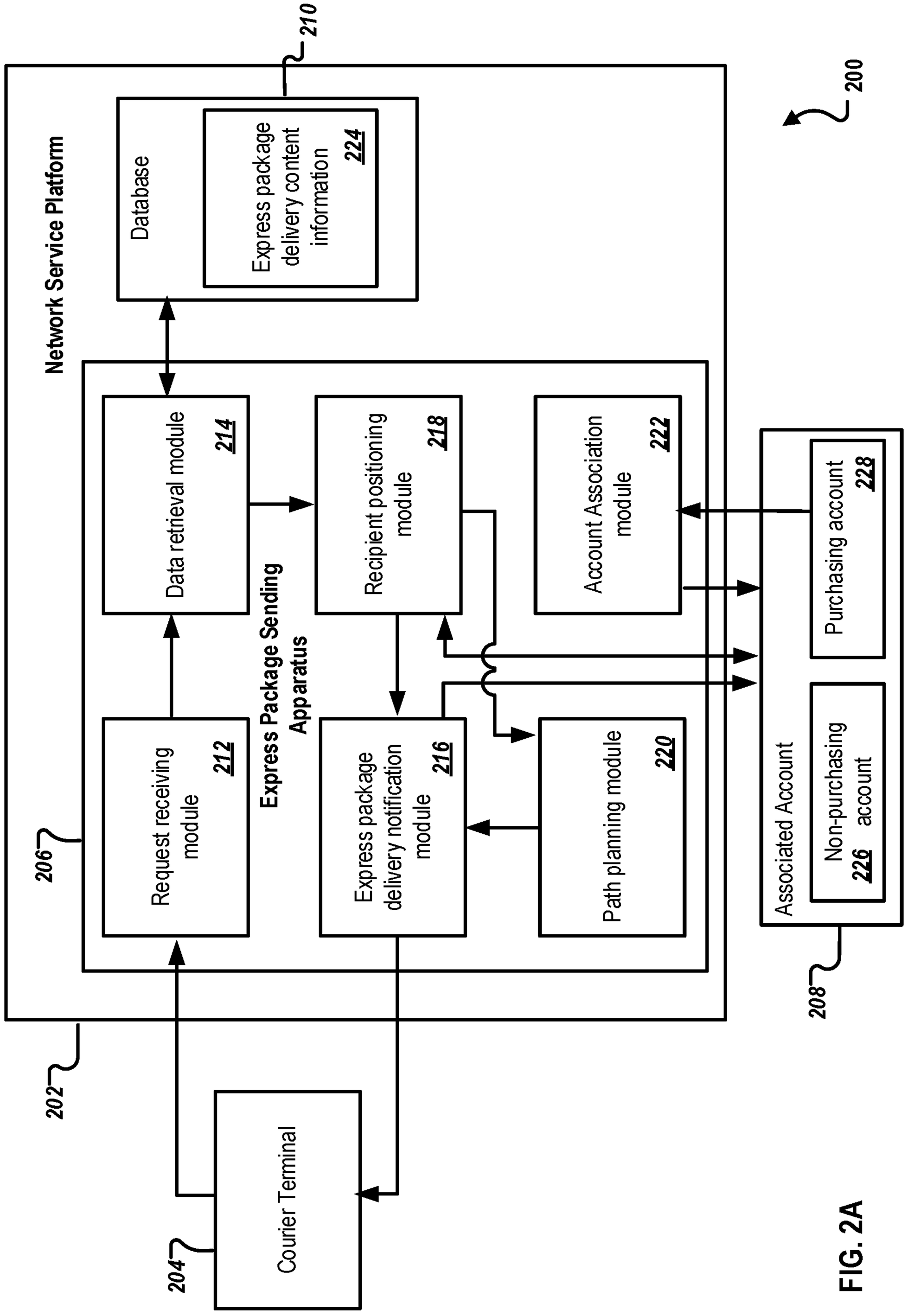

200
210
Network Service Platform
Database
Express package delivery content information 224
Express Package Sending Apparatus
Data retrieval module 214
Recipient positioning module 218
Account Association module 222
Request receiving module 212
Express package delivery notification module 216
Path planning module 220
206
Associated Account
Purchasing account 228
Non-purchasing account 226
208
202
Courier Terminal
204

FIG. 2A

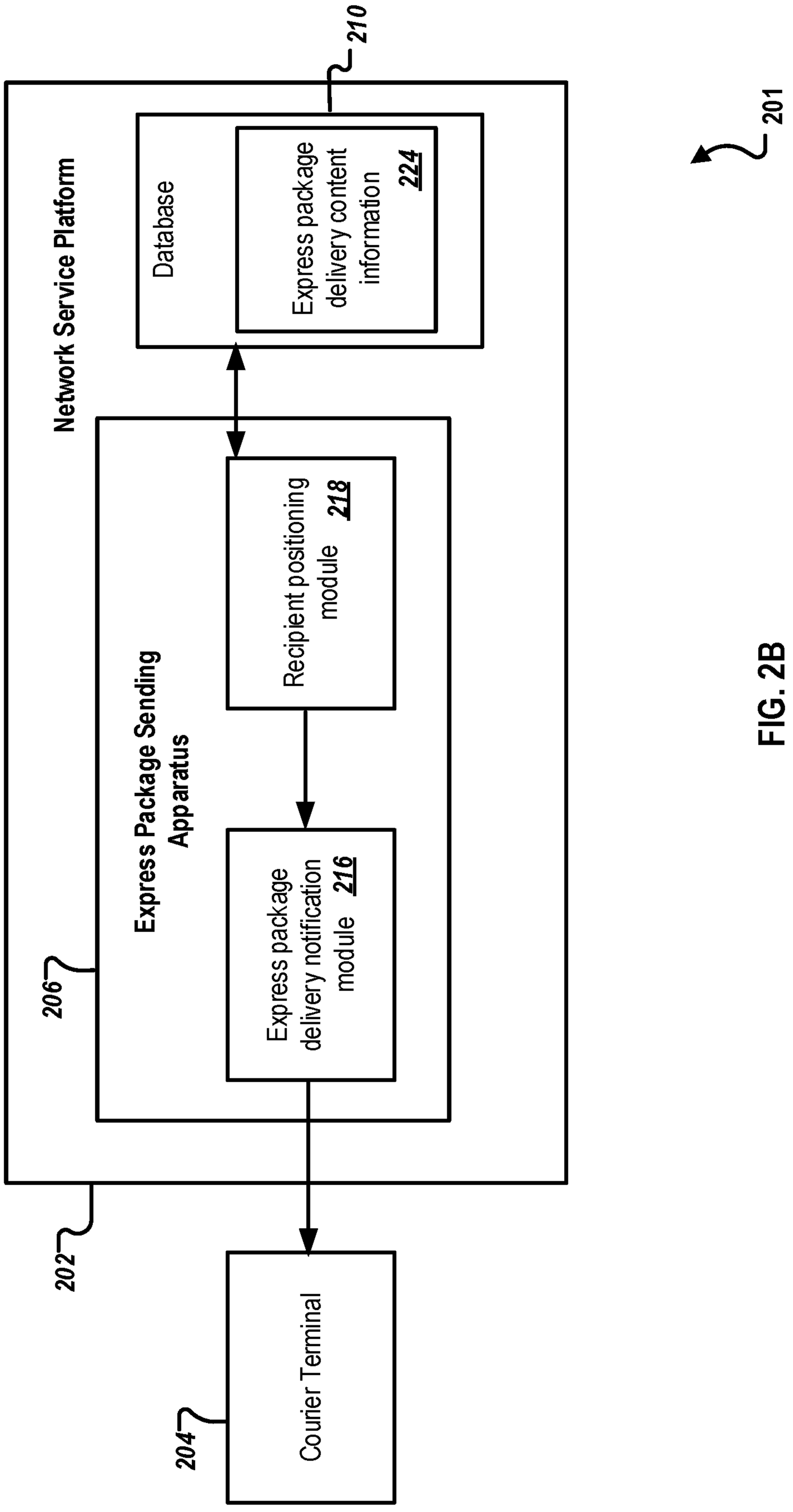

201
210
Network Service Platform
Database
Express package delivery content information 224
Express Package Sending Apparatus
Recipient positioning module 218
Express package delivery notification module 216
206
202
Courier Terminal
204

FIG. 2B

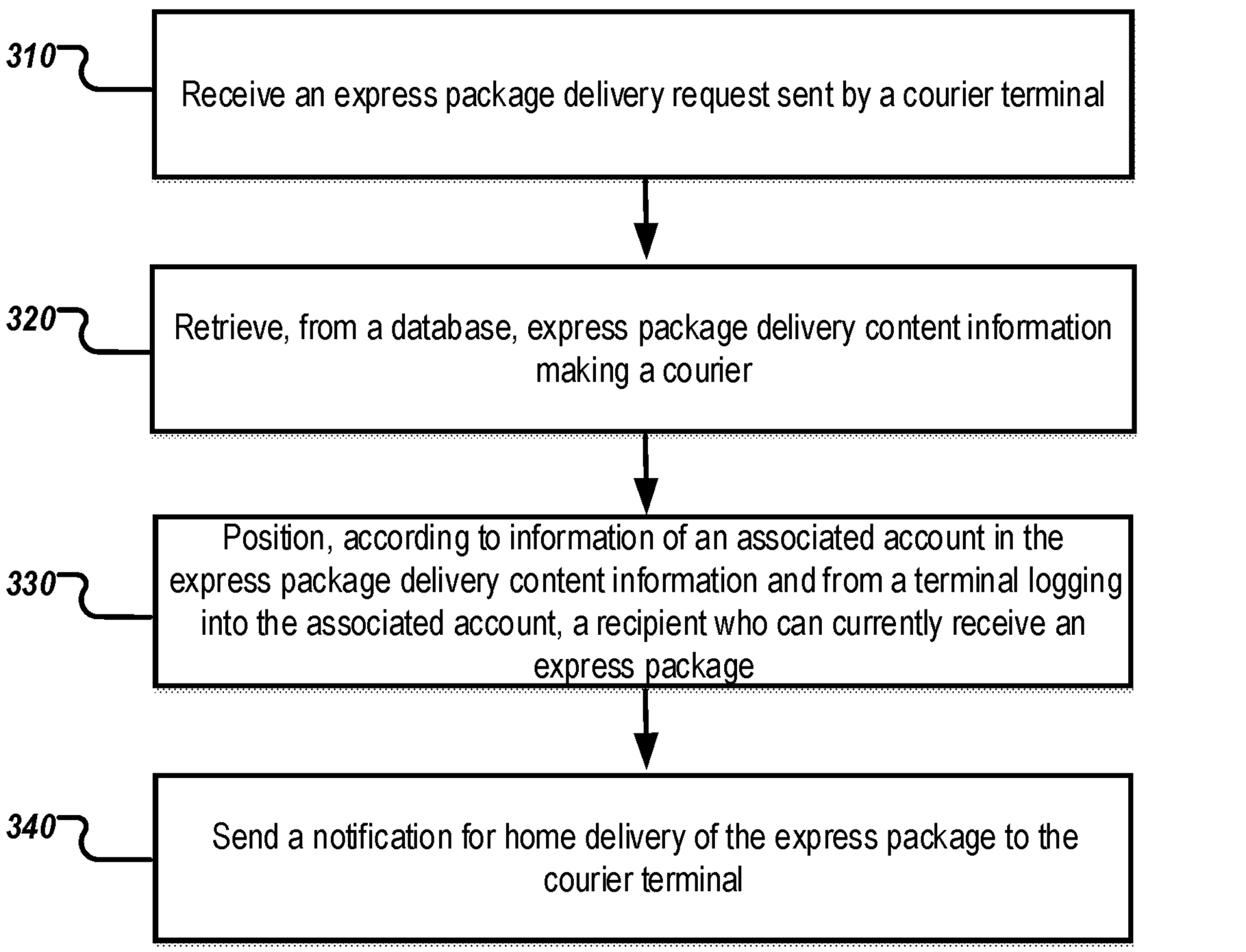

310
Receive an express package delivery request sent by a courier terminal
320
Retrieve, from a database, express package delivery content information making a courier
330
Position, according to information of an associated account in the express package delivery content information and from a terminal logging into the associated account, a recipient who can currently receive an express package
340
Send a notification for home delivery of the express package to the courier terminal

FIG. 3A

300

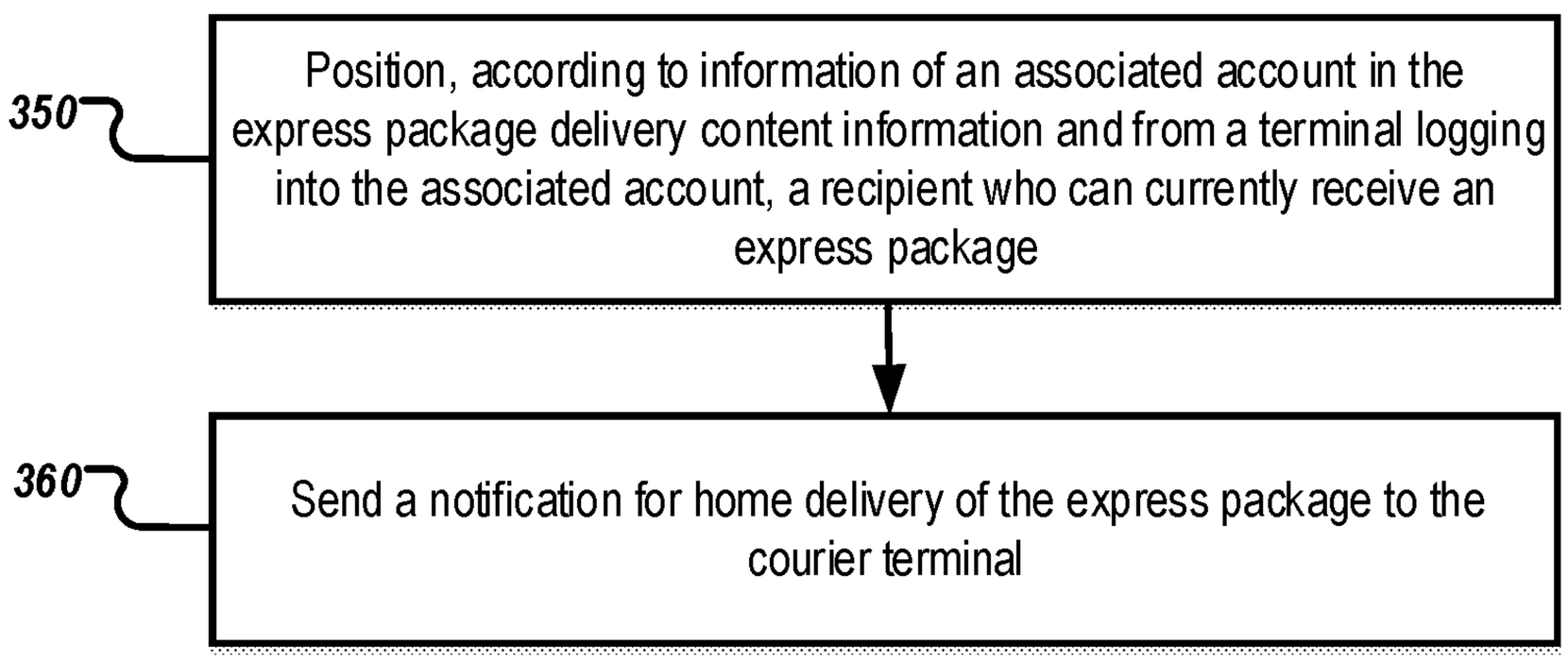

350
Position, according to information of an associated account in the express package delivery content information and from a terminal logging into the associated account, a recipient who can currently receive an express package
360
Send a notification for home delivery of the express package to the courier terminal

FIG. 3B

301

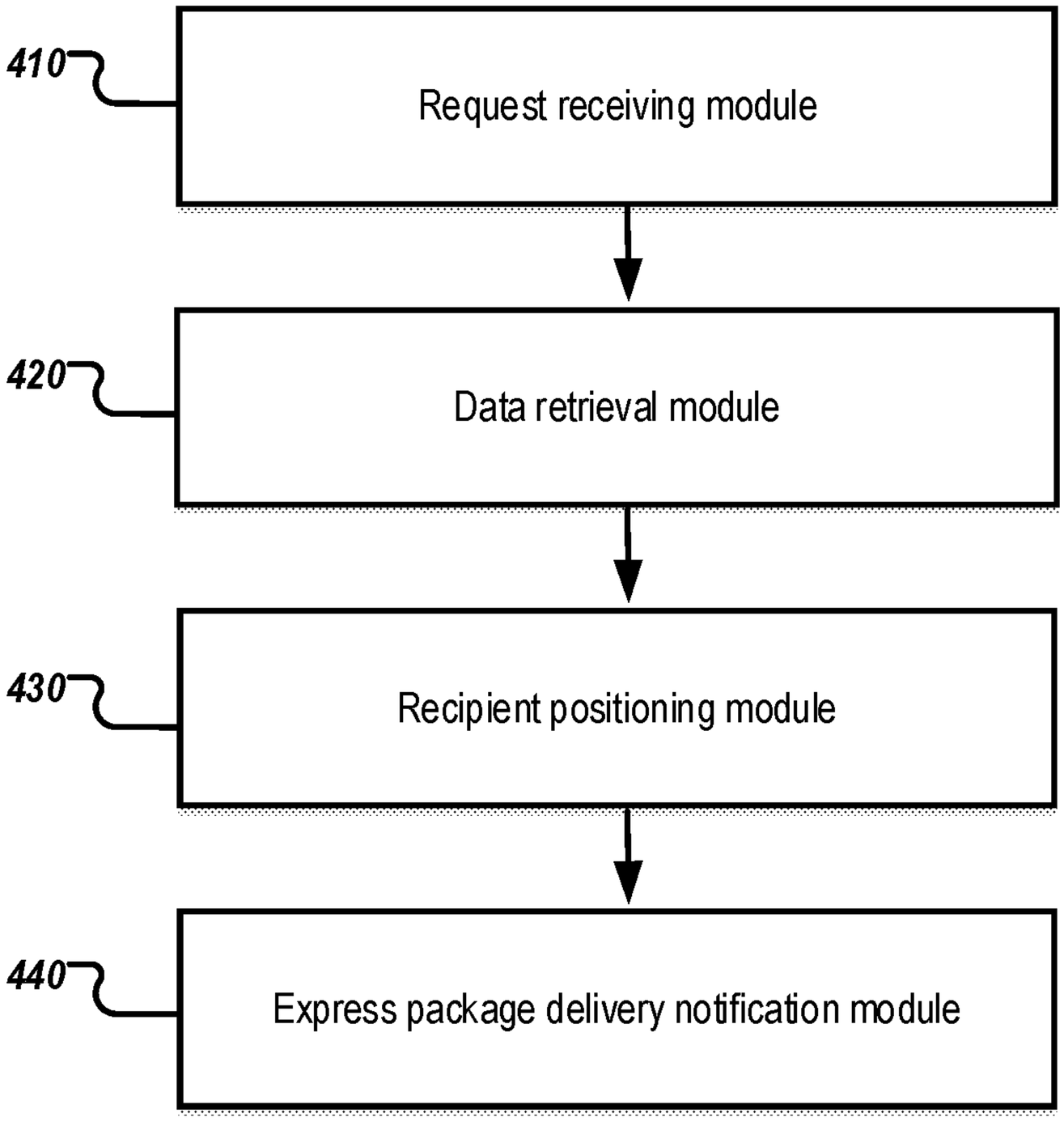

410
Request receiving module
420
Data retrieval module
430
Recipient positioning module
440
Express package delivery notification module
400

FIG. 4

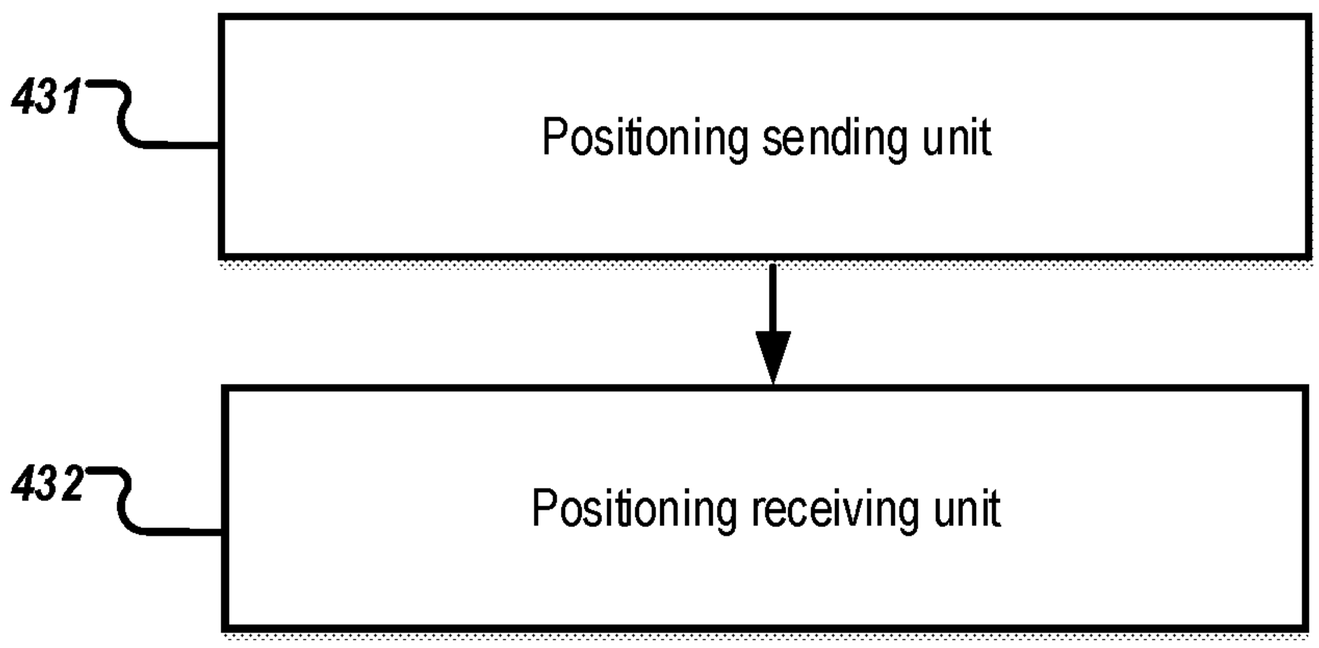

431
Positioning sending unit
432
Positioning receiving unit

FIG. 5

500

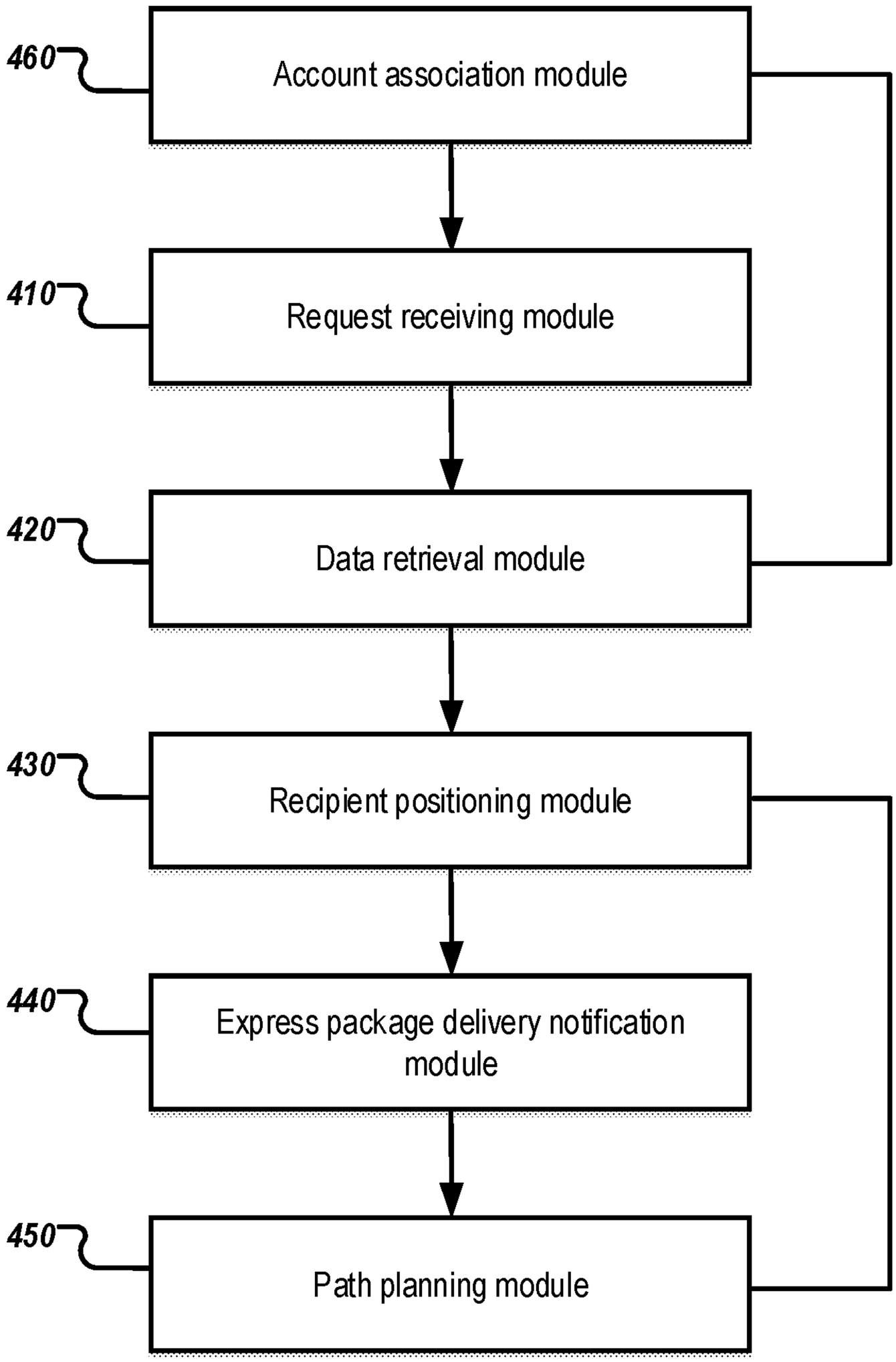

460
Account association module
410
Request receiving module
420
Data retrieval module
430
Recipient positioning module
440
Express package delivery notification module
450
Path planning module
600

FIG. 6

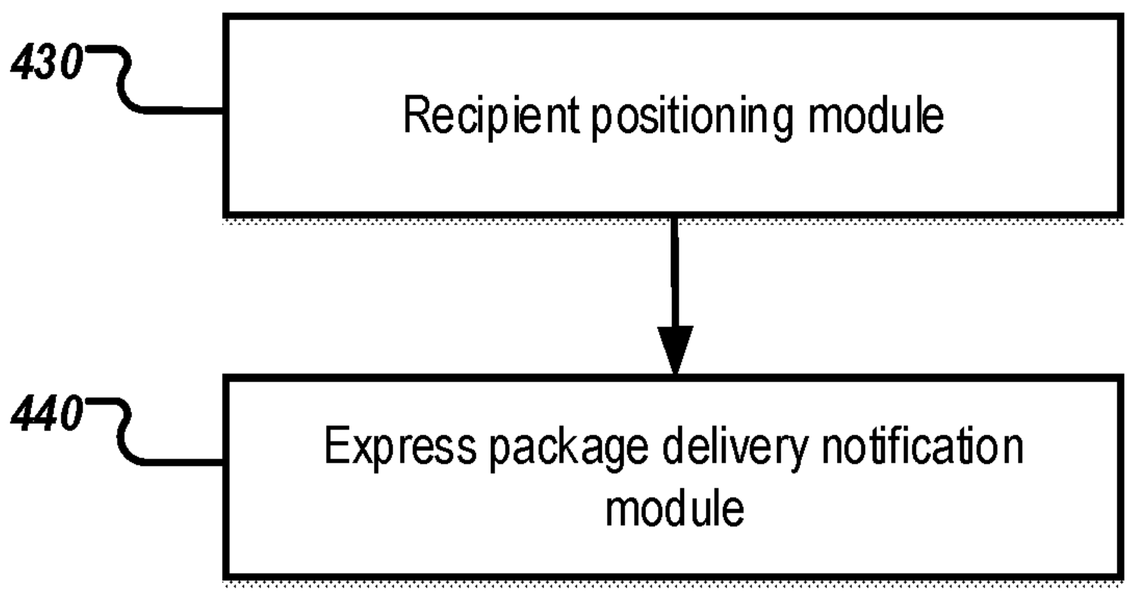

430
Recipient positioning module
440
Express package delivery notification module

FIG. 7

700

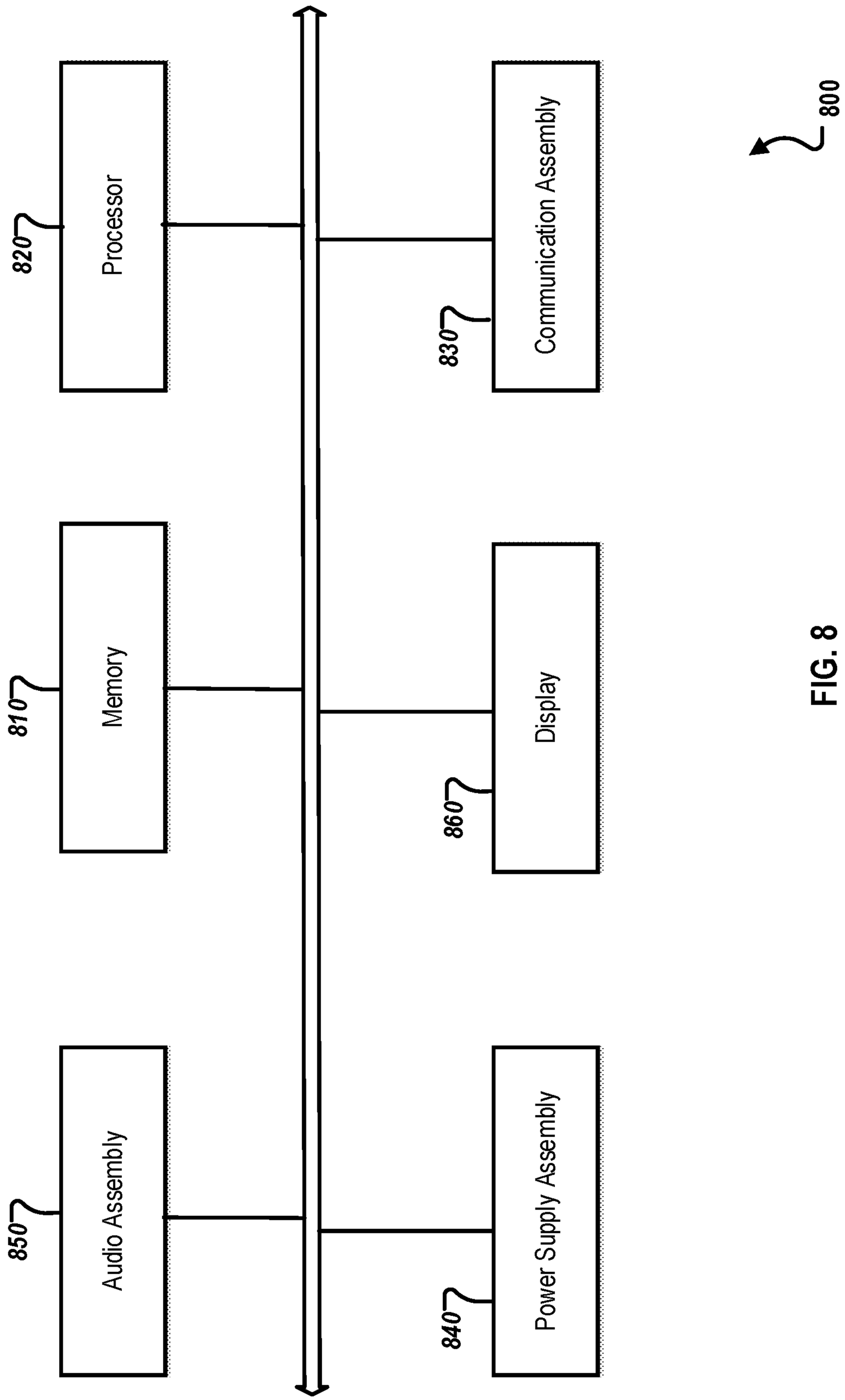

800
820
Processor
810
Memory
850
Audio Assembly
830
Communication Assembly
860
Display
840
Power Supply Assembly

FIG. 8

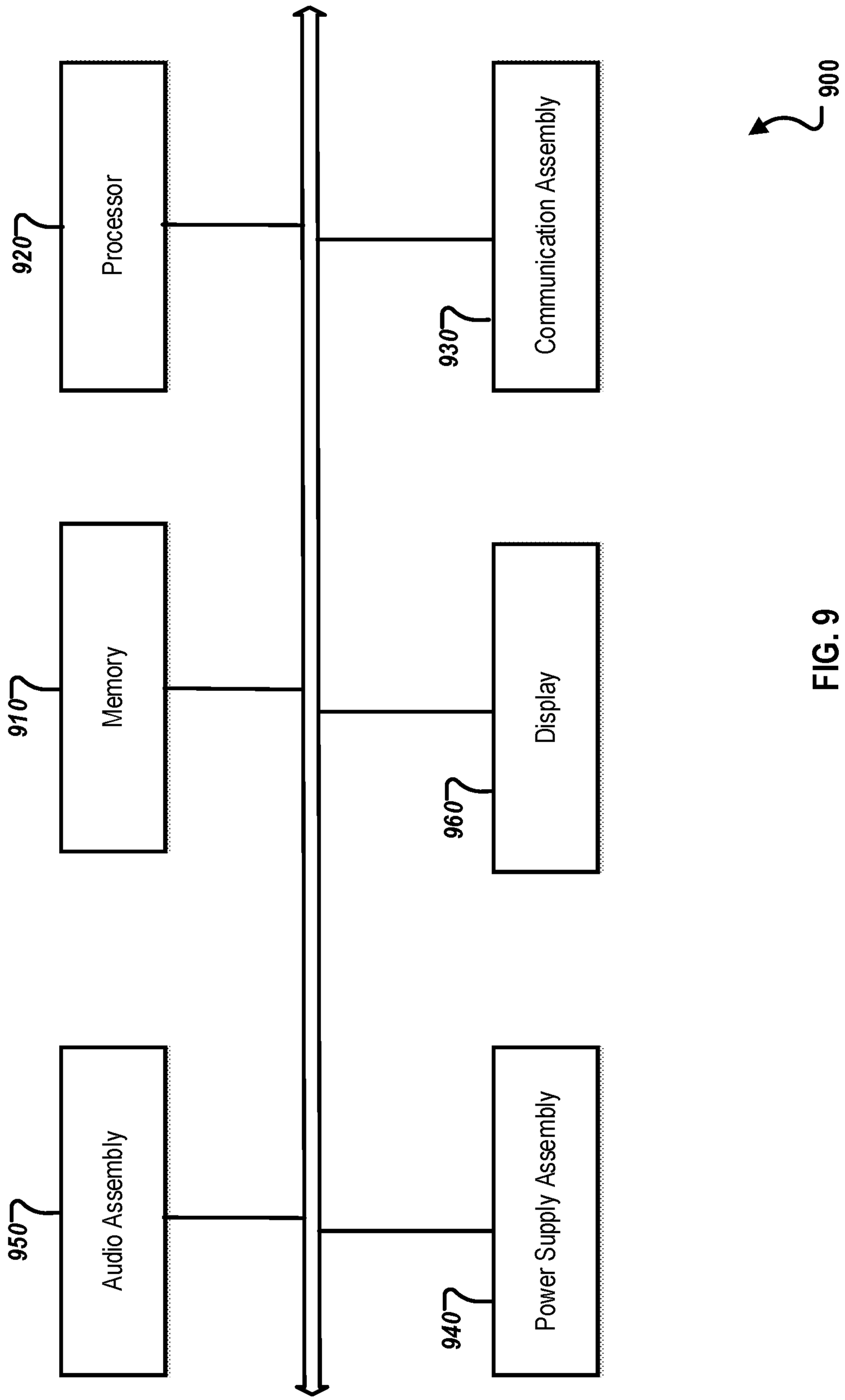

900
920
Processor
930
Communication Assembly
910
Memory
960
Display
950
Audio Assembly
940
Power Supply Assembly

FIG. 9

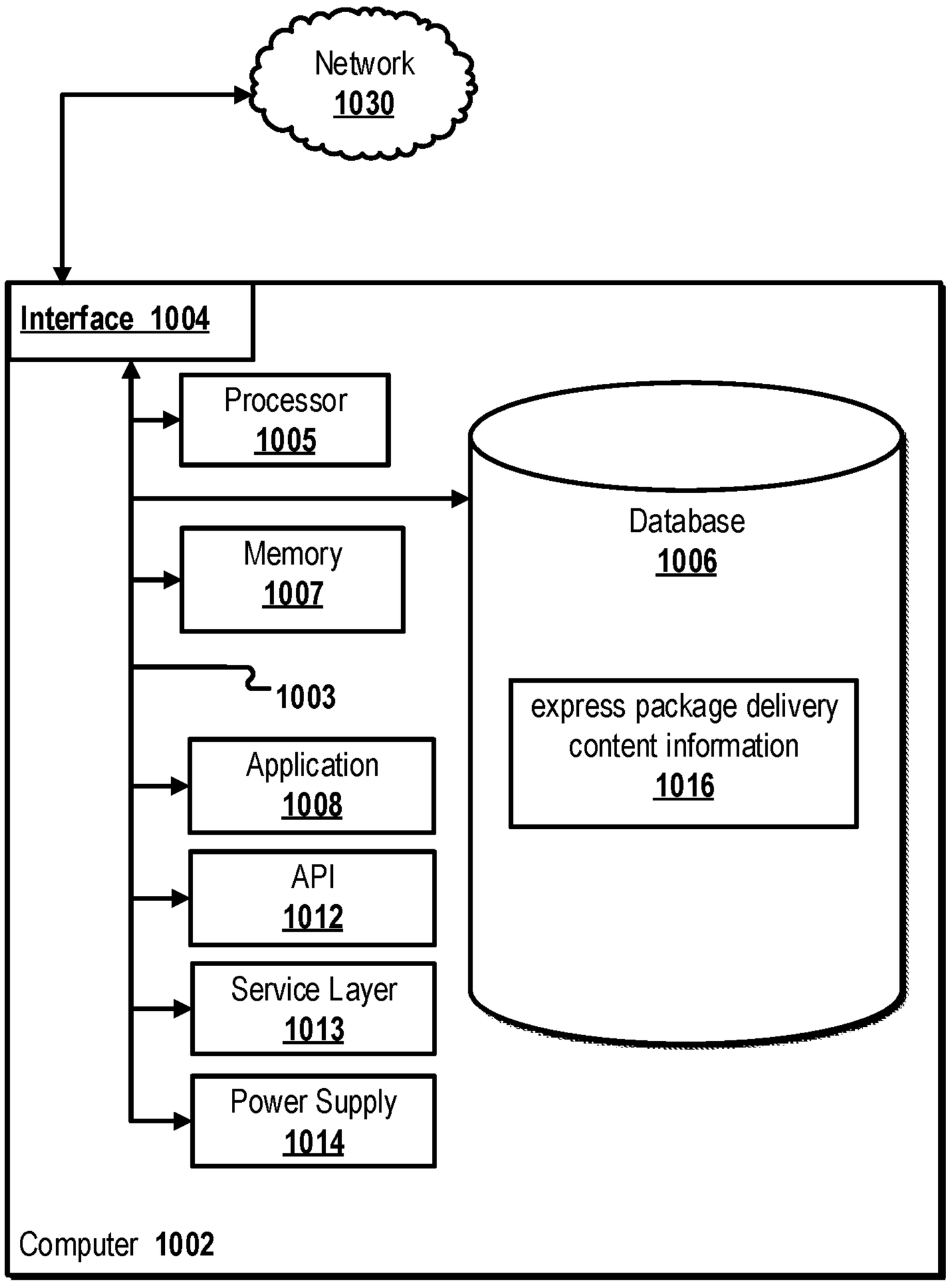

Network
1030
Interface 1004
Processor
1005
Memory
1007
1003
Application
1008
API
1012
Service Layer
1013
Power Supply
1014
Database
1006
express package delivery
content information
1016
Computer 1002
1000

FIG. 10