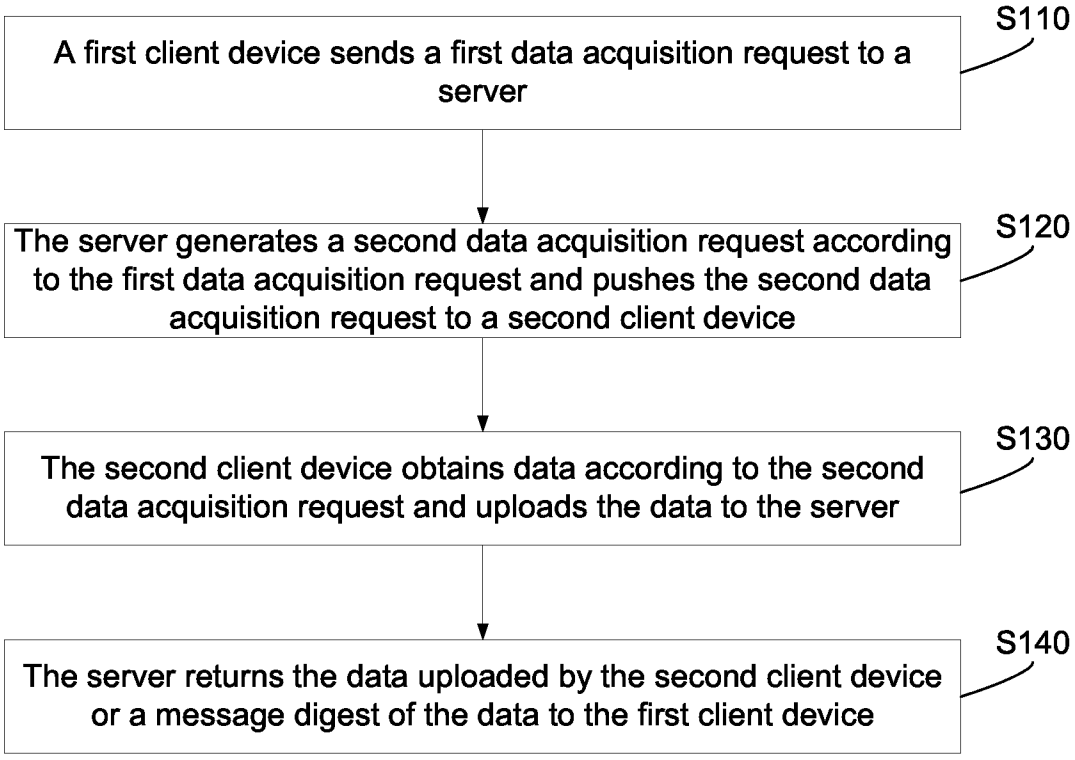

A first client device sends a first data acquisition request to a server
S110
The server generates a second data acquisition request according to the first data acquisition request and pushes the second data acquisition request to a second client device
S120
The second client device obtains data according to the second data acquisition request and uploads the data to the server
S130
The server returns the data uploaded by the second client device or a message digest of the data to the first client device
S140

FIG. 1

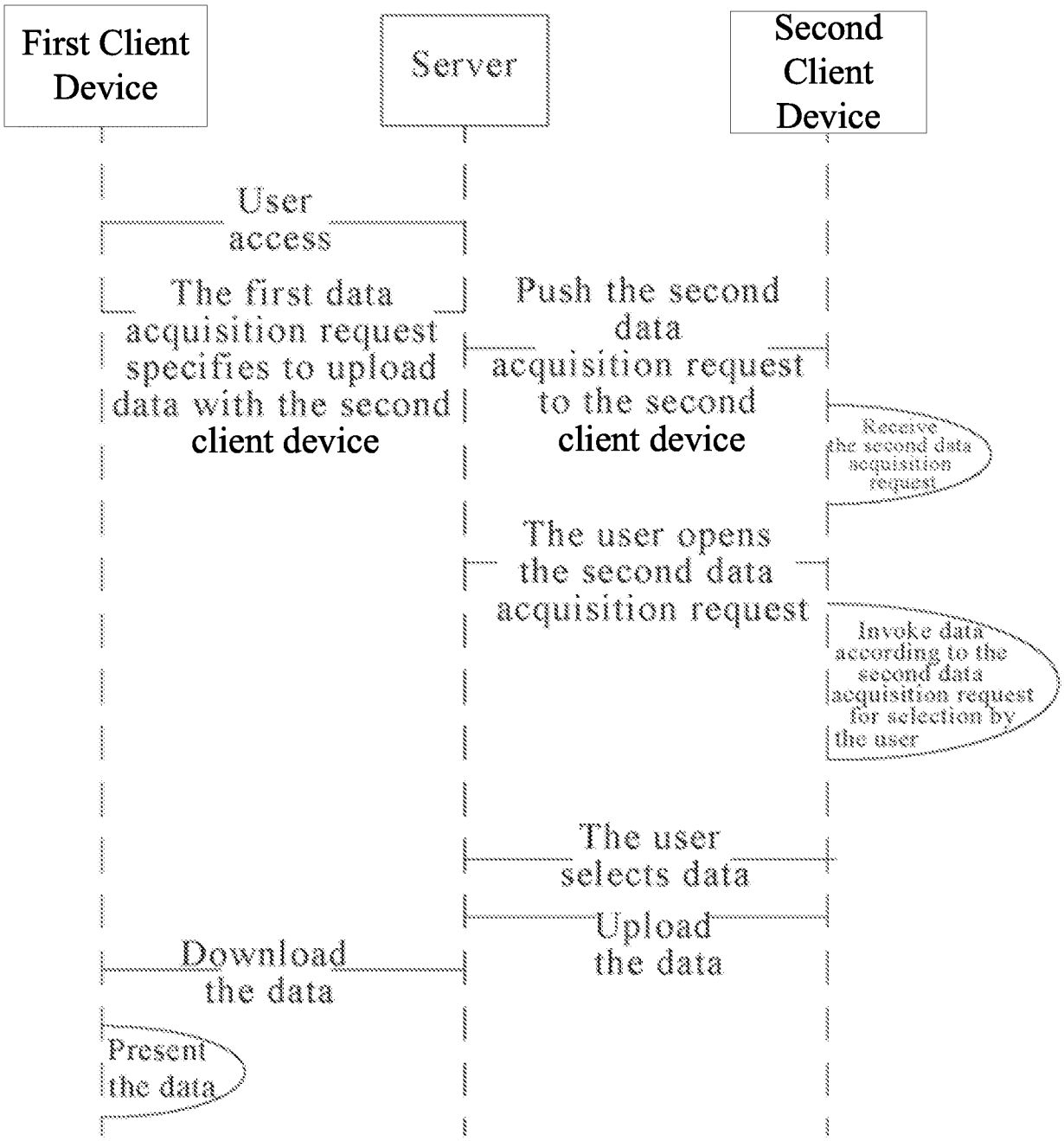

First Client Device
Server
Second Client Device
User access
The first data acquisition request specifies to upload data with the second client device
Push the second data acquisition request to the second client device
Receive the second data acquisition request
The user opens the second data acquisition request
Invoke data according to the second data acquisition request for selection by the user
The user selects data
Upload the data
Download the data
Present the data

FIG. 2

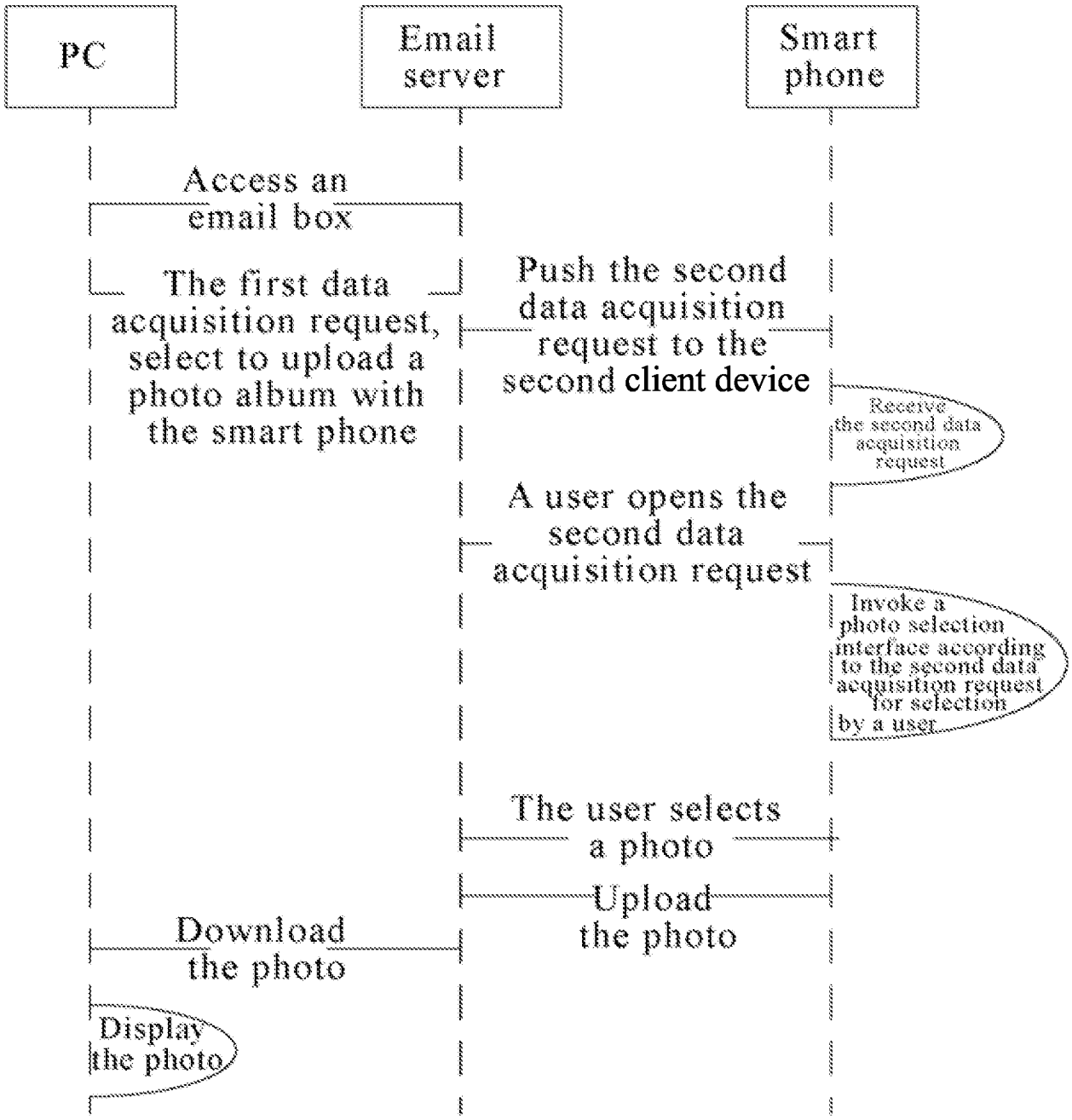

PC
Email server
Smart phone
Access an email box
The first data acquisition request, select to upload a photo album with the smart phone
Push the second data acquisition request to the second client device
Receive the second data acquisition request
A user opens the second data acquisition request
Invoke a photo selection interface according to the second data acquisition request for selection by a user
The user selects a photo
Upload the photo
Download the photo
Display the photo

FIG. 3

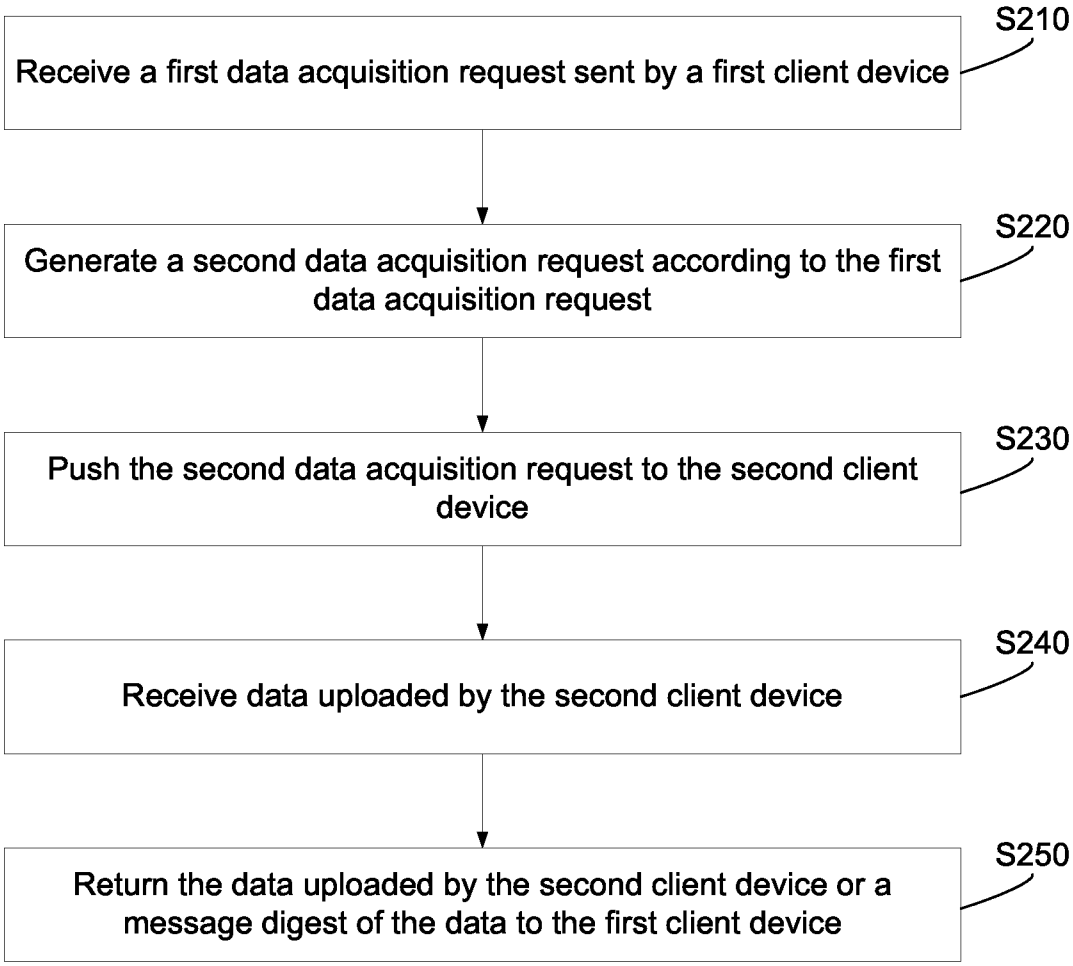

Receive a first data acquisition request sent by a first client device
S210
Generate a second data acquisition request according to the first data acquisition request
S220
Push the second data acquisition request to the second client device
S230
Receive data uploaded by the second client device
S240
Return the data uploaded by the second client device or a message digest of the data to the first client device
S250

FIG. 4

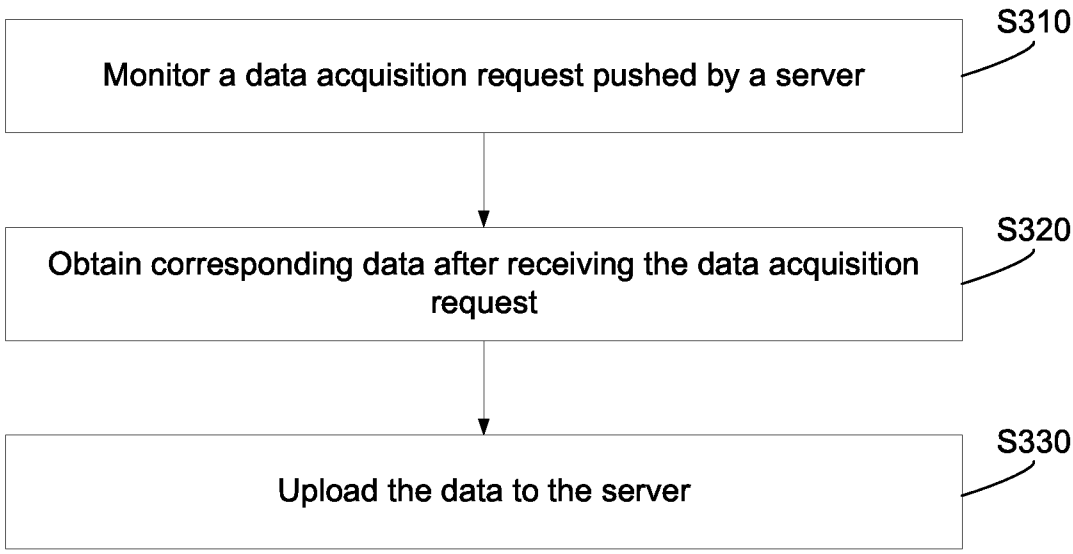

S310
Monitor a data acquisition request pushed by a server
S320
Obtain corresponding data after receiving the data acquisition request
S330
Upload the data to the server

FIG. 5

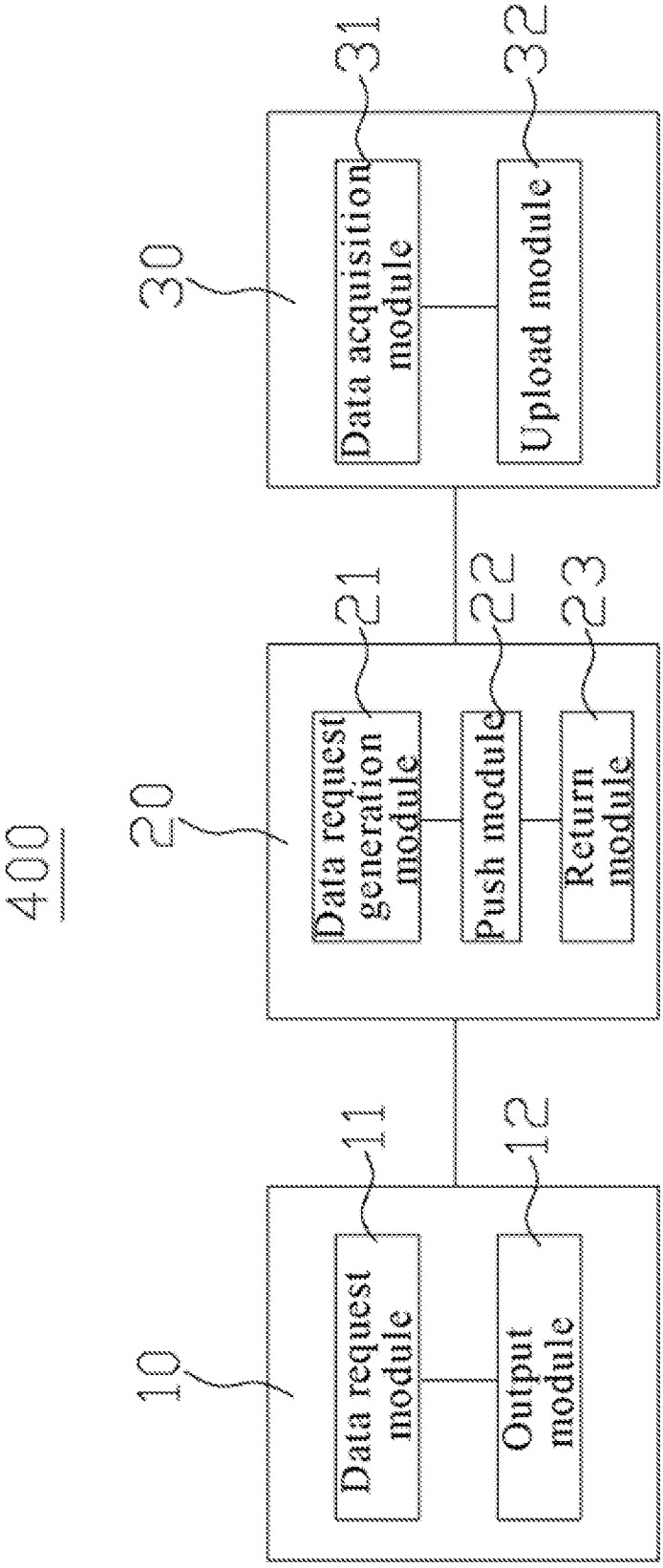

400
10
Data request module
11
Output module
12
20
Data request generation module
21
Push module
22
Return module
23
30
Data acquisition module
31
Upload module
32

FIG. 6

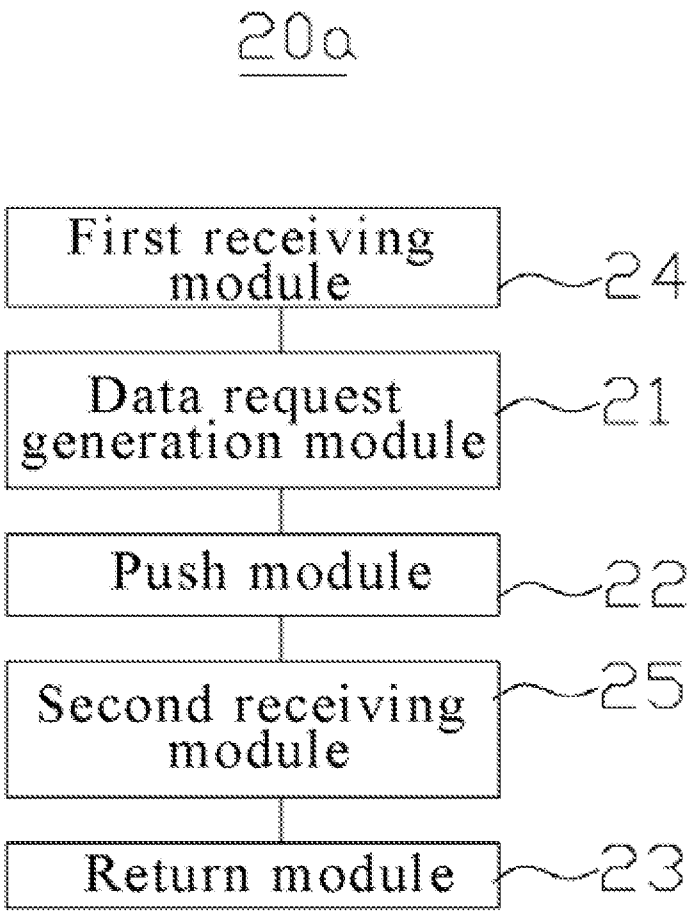

20a
First receiving module
24
Data request generation module
21
Push module
22
Second receiving module
25
Return module
23

FIG. 7

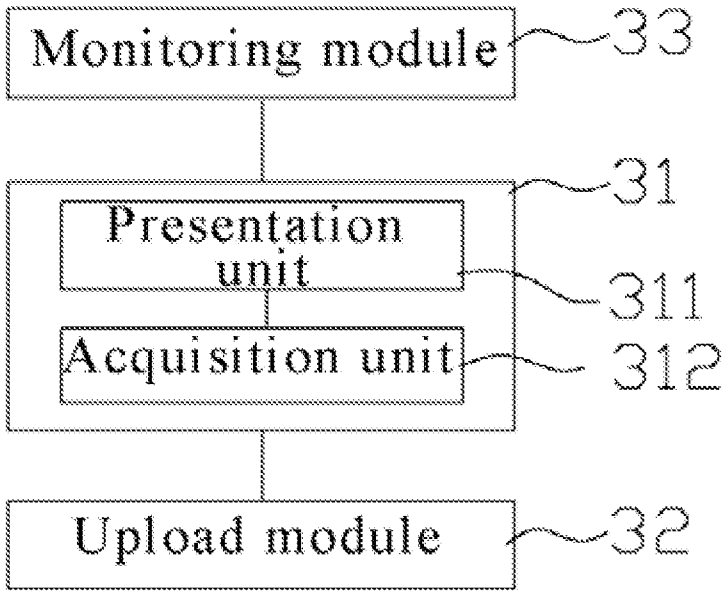
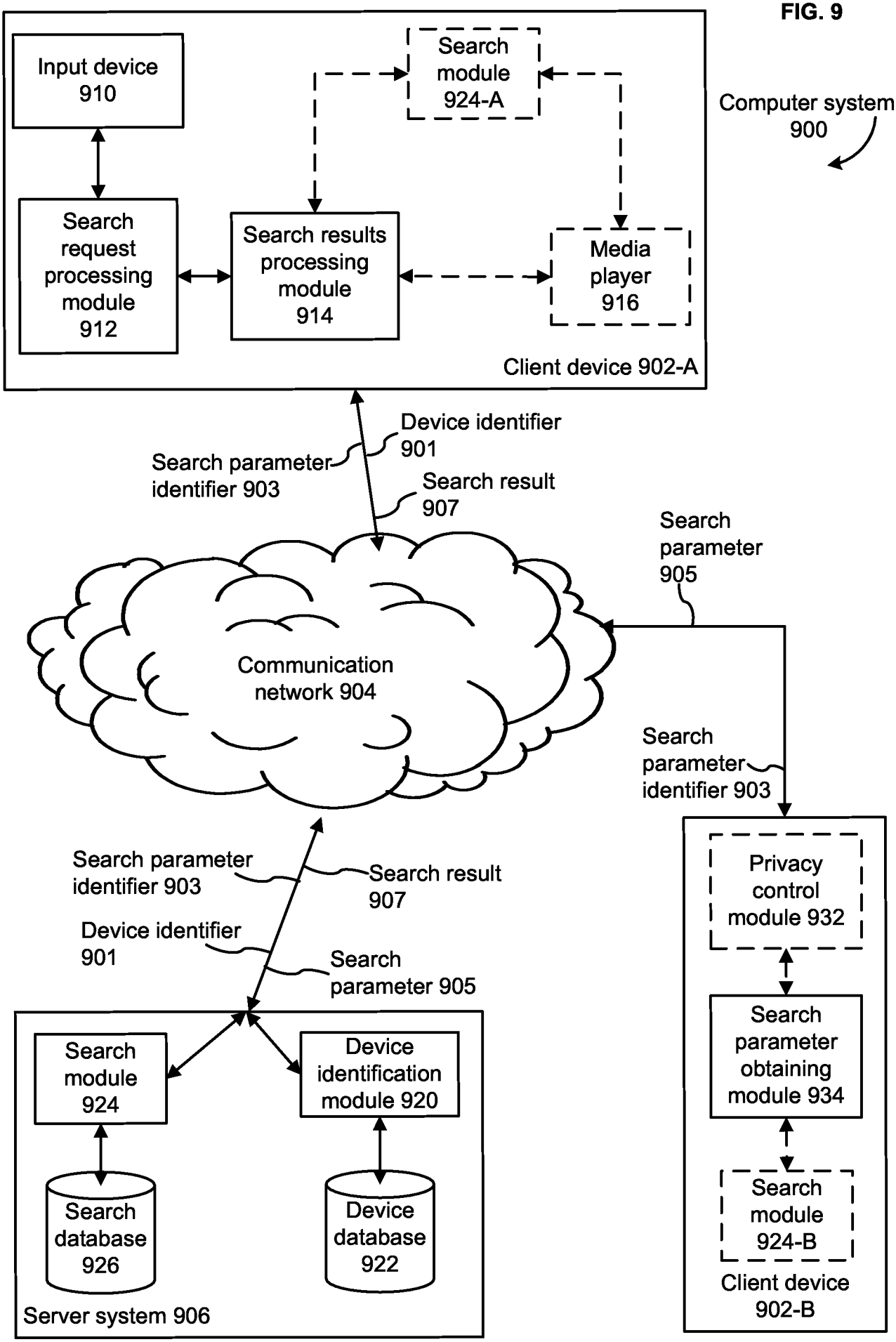

Monitoring module
33
31
Presentation unit
311
Acquisition unit
312
Upload module
32

FIG. 8

FIG. 9


Input device 910
Search module 924-A
Computer system 900
Search request processing module 912
Search results processing module 914
Media player 916
Client device 902-A
Device identifier 901
Search parameter identifier 903
Search result 907
Search parameter 905
Communication network 904
Search parameter identifier 903
Search parameter identifier 903
Search result 907
Device identifier 901
Search parameter 905
Privacy control module 932
Search parameter obtaining module 934
Search module 924-B
Client device 902-B
Search module 924
Device identification module 920
Search database 926
Device database 922
Server system 906

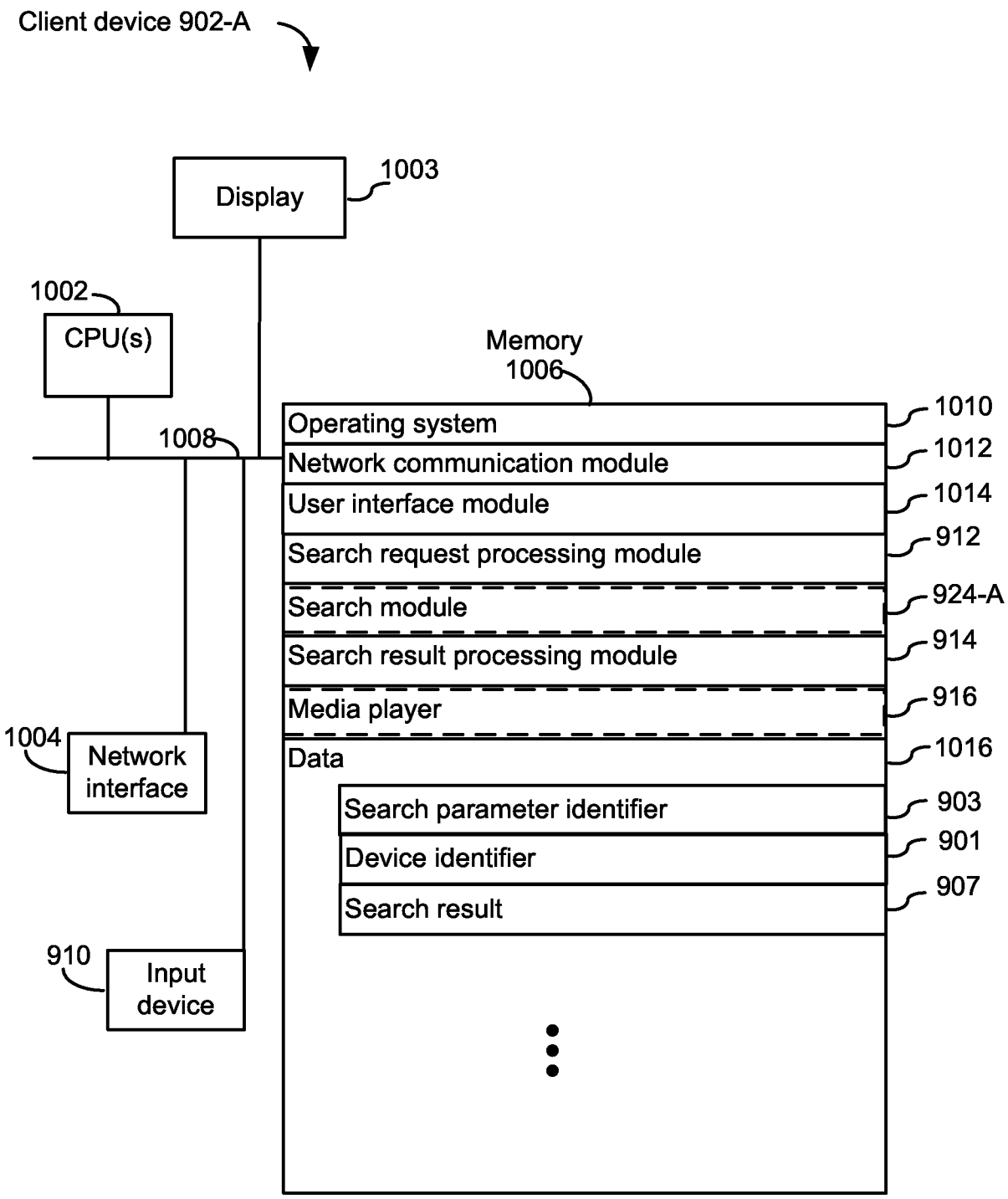

Client device 902-A
Display
1003
1002
CPU(s)
Memory
1006
1008
Operating system
1010
Network communication module
1012
User interface module
1014
Search request processing module
912
Search module
924-A
Search result processing module
914
Media player
916
1004
Network interface
Data
1016
Search parameter identifier
903
Device identifier
901
Search result
907
910
Input device

FIG. 10

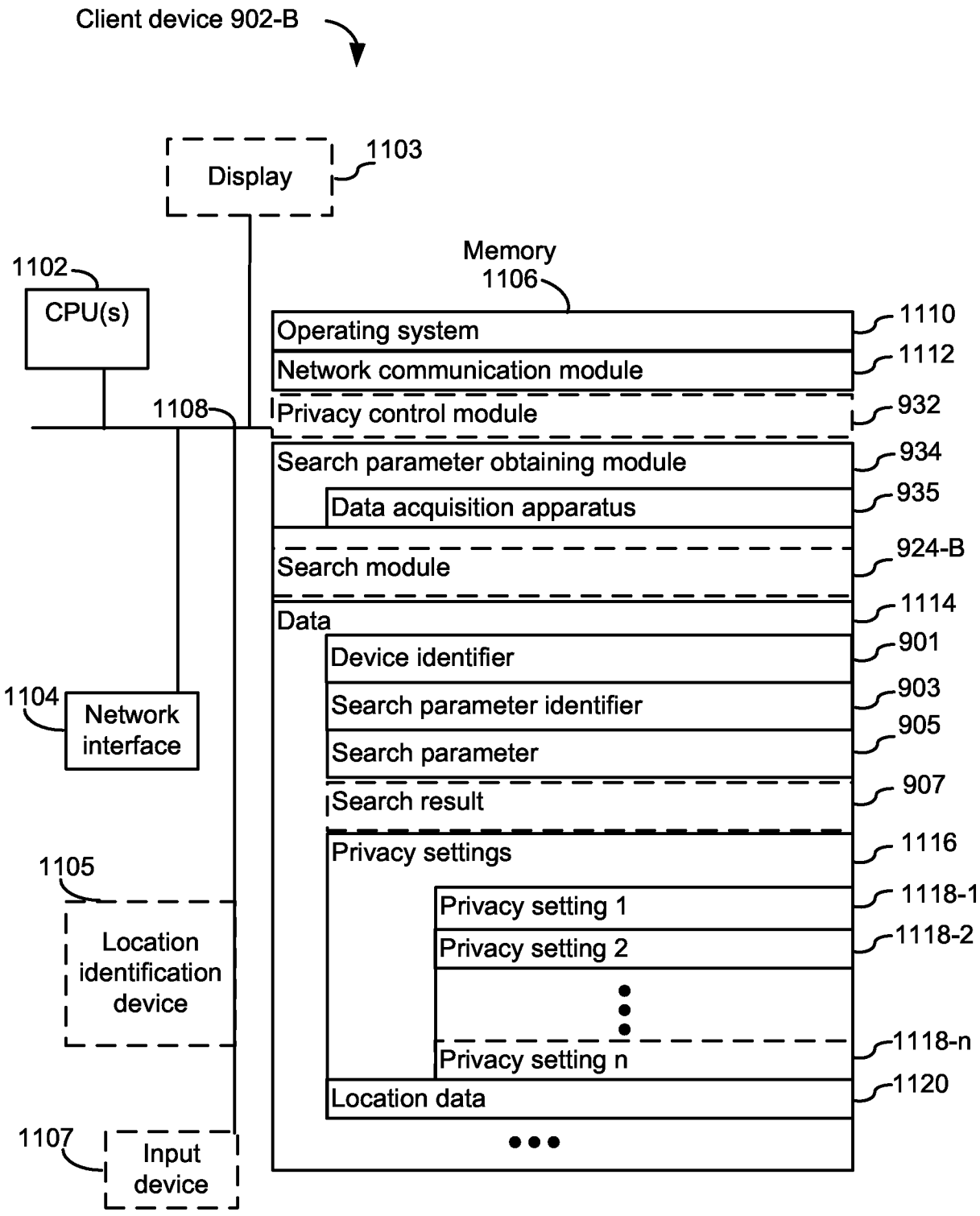

Client device 902-B
Display
1103
Memory
1106
1102
CPU(s)
1108
Operating system
1110
Network communication module
1112
Privacy control module
932
Search parameter obtaining module
934
Data acquisition apparatus
935
Search module
924-B
Data
1114
Device identifier
901
Search parameter identifier
903
Search parameter
905
Search result
907
Privacy settings
1116
Privacy setting 1
1118-1
Privacy setting 2
1118-2
Privacy setting n
1118-n
Location data
1120
1104
Network interface
1105
Location identification device
1107
Input device

FIG. 11

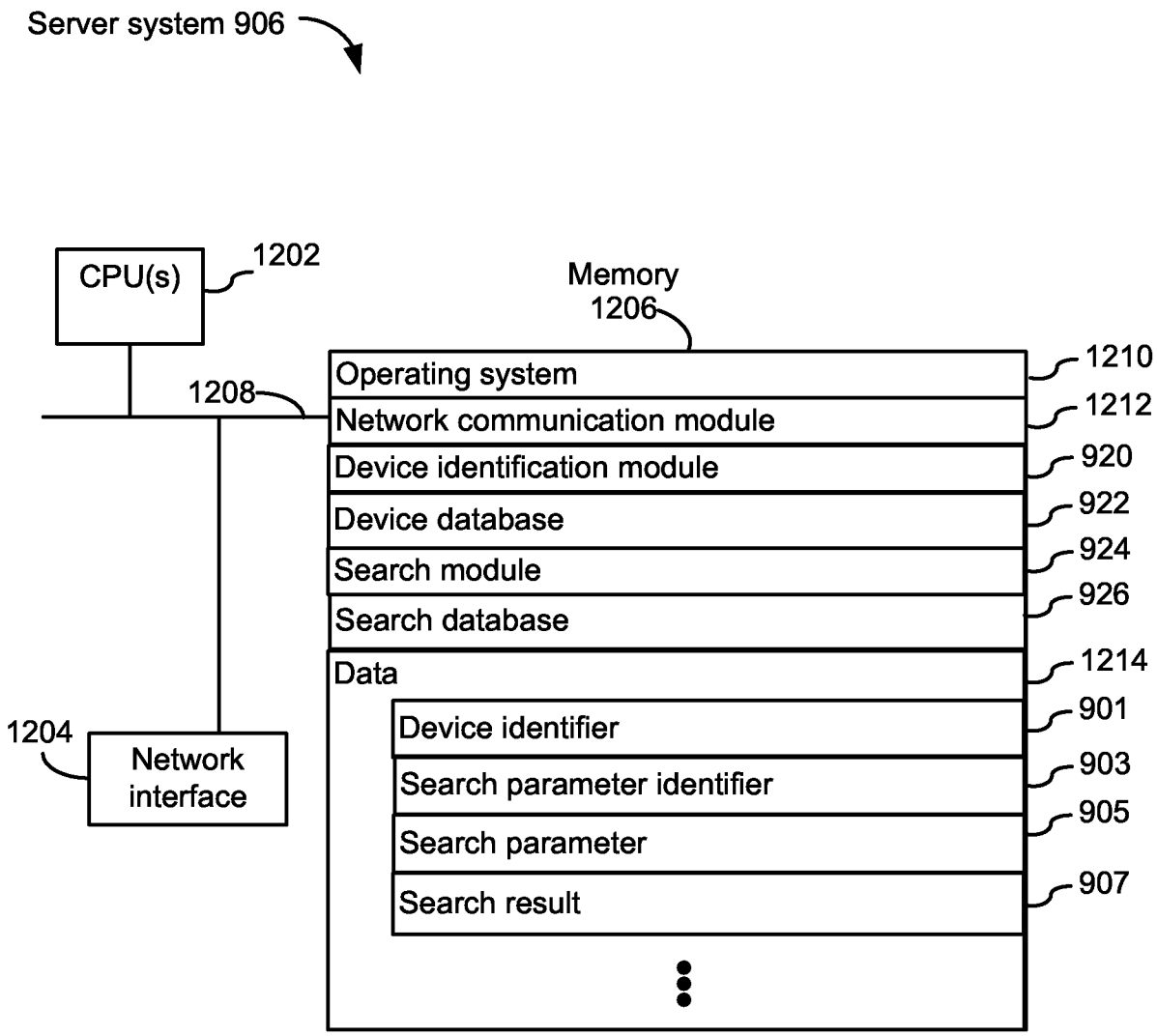

Server system 906
CPU(s)
1202
Memory
1206
1208
Operating system
Network communication module
Device identification module
Device database
Search module
Search database
Data
Device identifier
Search parameter identifier
Search parameter
Search result
1210
1212
920
922
924
926
1214
901
903
905
907
1204
Network interface

FIG. 12

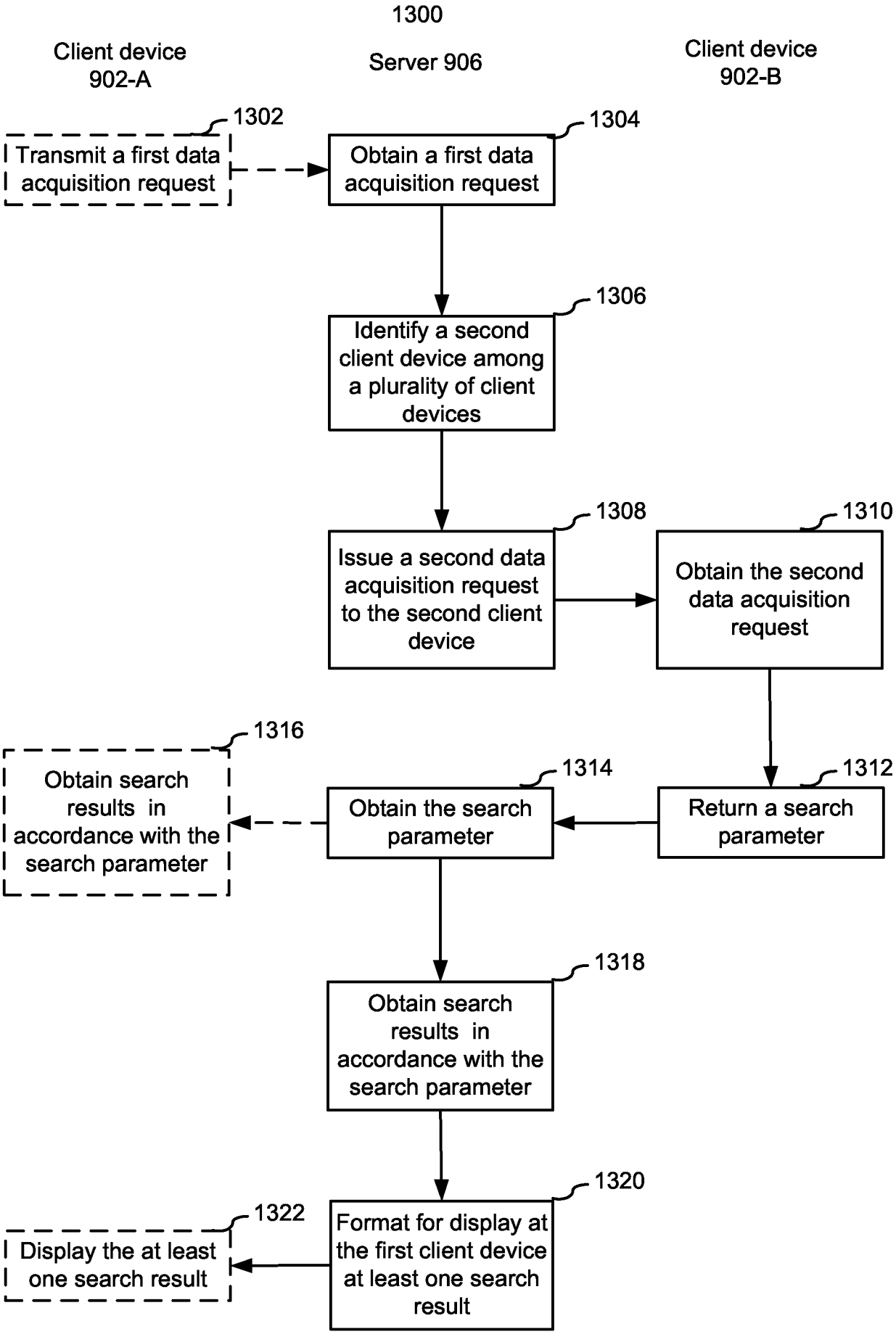

1300
Client device 902-A
Server 906
Client device 902-B
1302
Transmit a first data acquisition request
1304
Obtain a first data acquisition request
1306
Identify a second client device among a plurality of client devices
1308
Issue a second data acquisition request to the second client device
1310
Obtain the second data acquisition request
1312
Return a search parameter
1314
Obtain the search parameter
1316
Obtain search results in accordance with the search parameter
1318
Obtain search results in accordance with the search parameter
1320
Format for display at the first client device at least one search result
1322
Display the at least one search result

FIG. 13

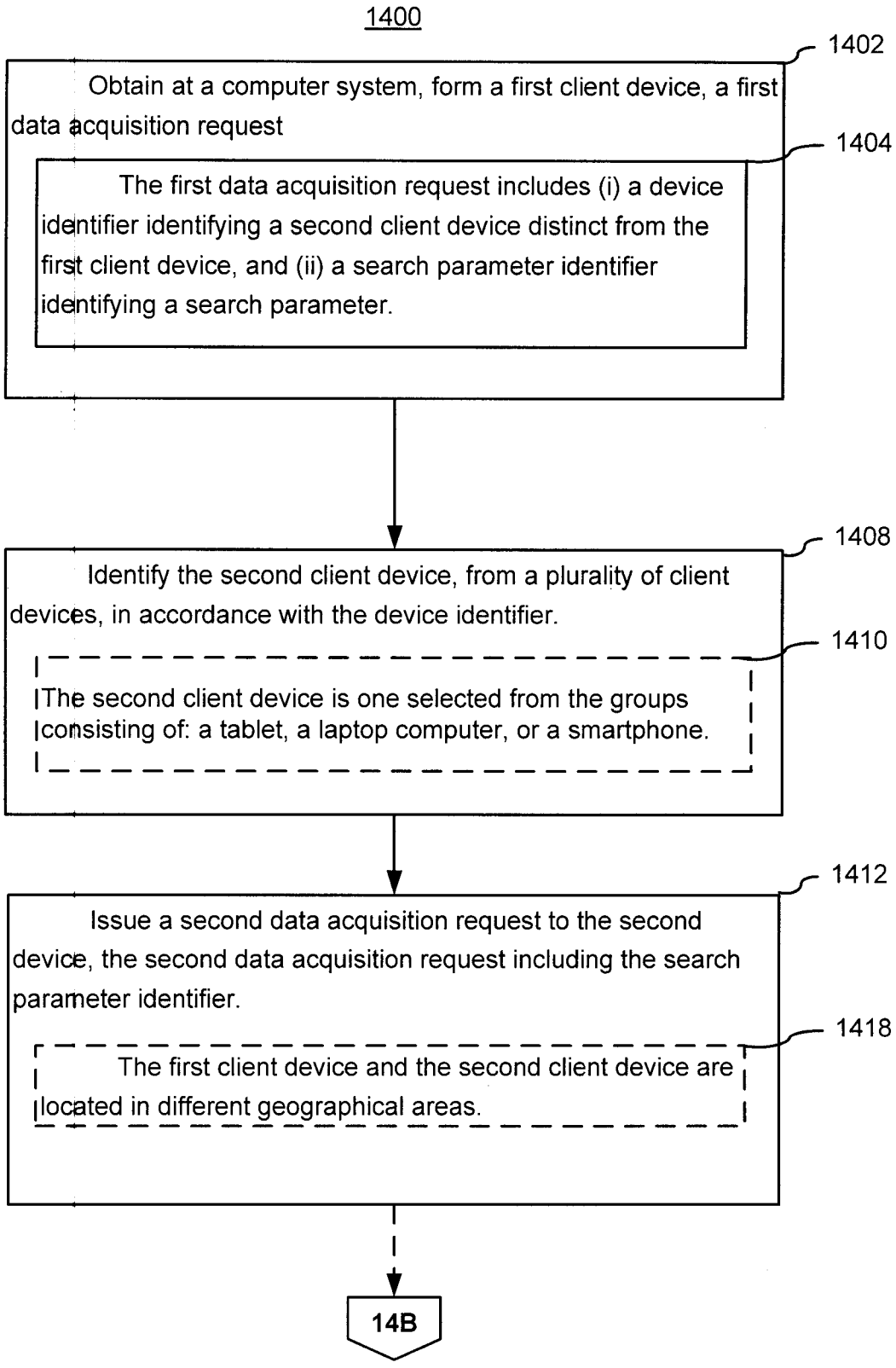

1400
1402
Obtain at a computer system, form a first client device, a first data acquisition request
1404
The first data acquisition request includes (i) a device identifier identifying a second client device distinct from the first client device, and (ii) a search parameter identifier identifying a search parameter.
1408
Identify the second client device, from a plurality of client devices, in accordance with the device identifier.
1410
The second client device is one selected from the groups consisting of: a tablet, a laptop computer, or a smartphone.
1412
Issue a second data acquisition request to the second device, the second data acquisition request including the search parameter identifier.
1418
The first client device and the second client device are located in different geographical areas.
14B

FIG. 14A

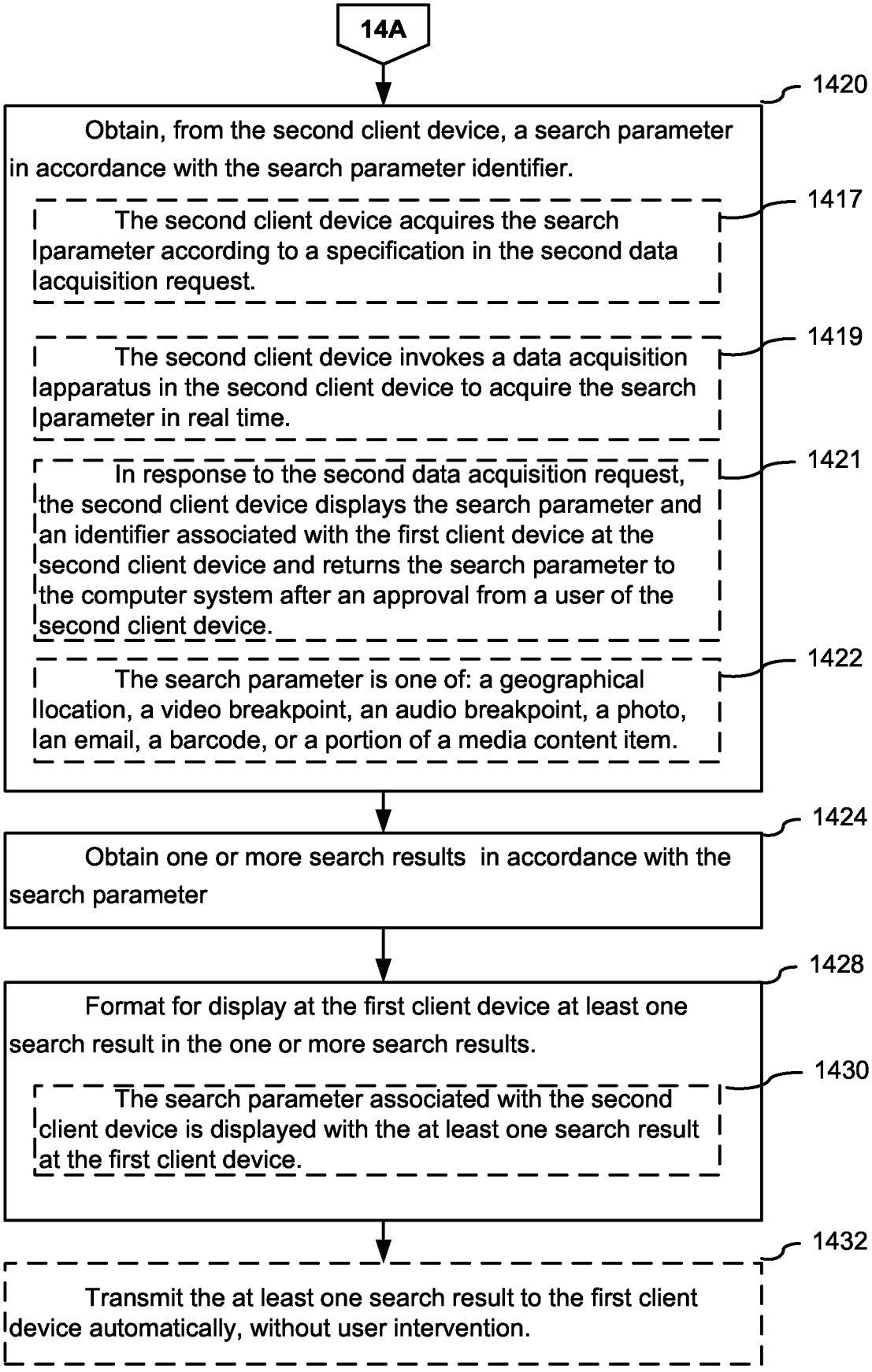

14A
1420
Obtain, from the second client device, a search parameter in accordance with the search parameter identifier.
1417
The second client device acquires the search parameter according to a specification in the second data acquisition request.
1419
The second client device invokes a data acquisition apparatus in the second client device to acquire the search parameter in real time.
1421
In response to the second data acquisition request, the second client device displays the search parameter and an identifier associated with the first client device at the second client device and returns the search parameter to the computer system after an approval from a user of the second client device.
1422
The search parameter is one of: a geographical location, a video breakpoint, an audio breakpoint, a photo, an email, a barcode, or a portion of a media content item.
1424
Obtain one or more search results in accordance with the search parameter
1428
Format for display at the first client device at least one search result in the one or more search results.
1430
The search parameter associated with the second client device is displayed with the at least one search result at the first client device.
1432
Transmit the at least one search result to the first client device automatically, without user intervention.

FIG. 14B