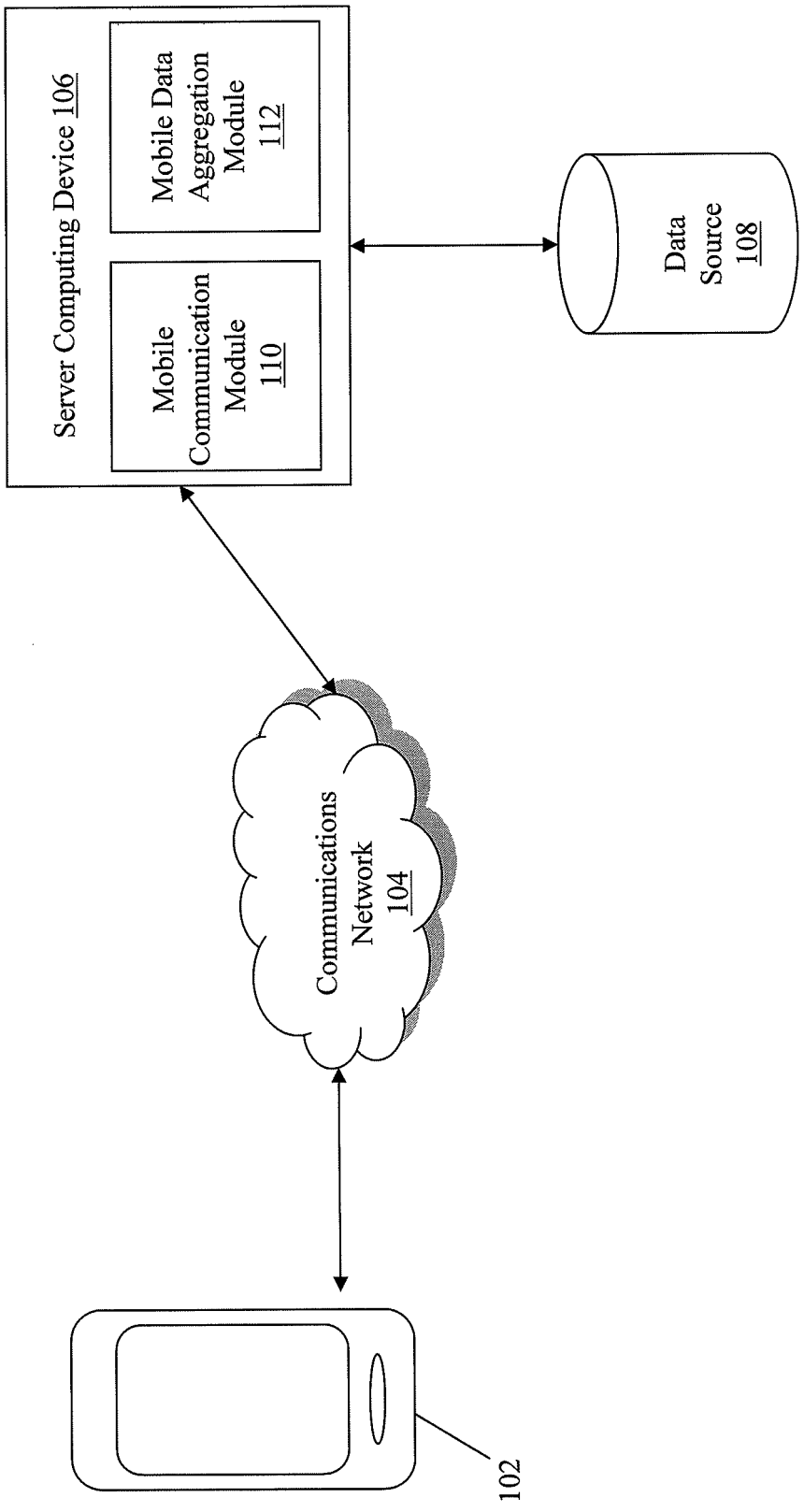

Server Computing Device 106
Mobile Data Aggregation Module 112
Mobile Communication Module 110
Data Source 108
Communications Network 104
102
100

FIG. 1

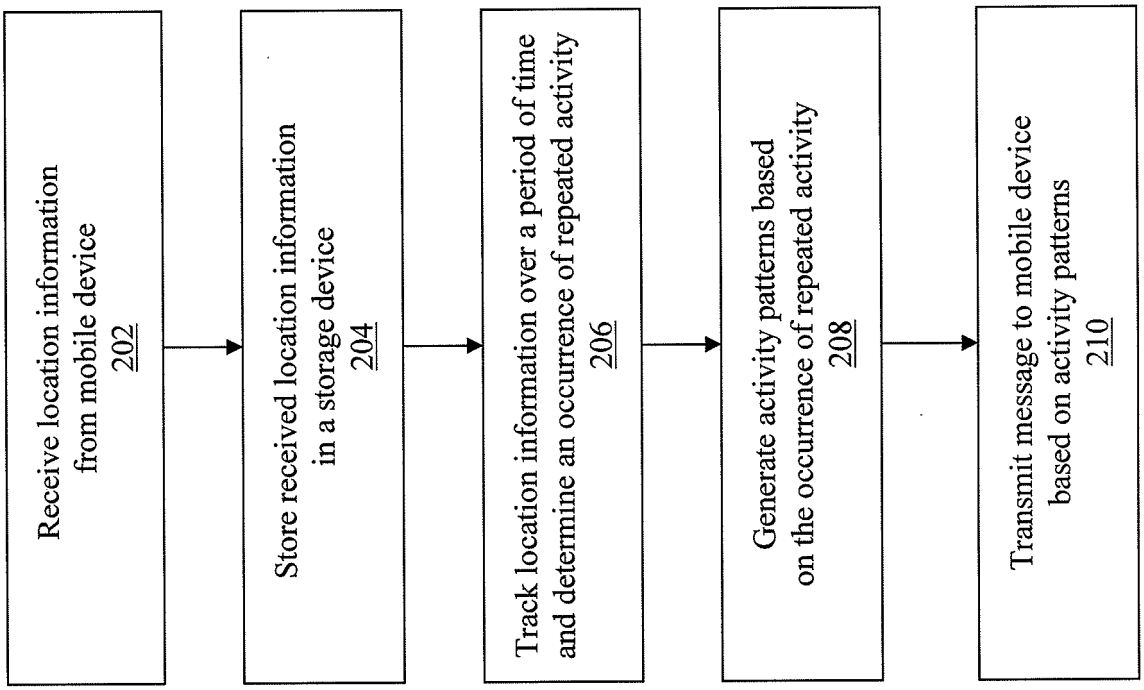

Receive location information from mobile device 202
Store received location information in a storage device 204
Track location information over a period of time and determine an occurrence of repeated activity 206
Generate activity patterns based on the occurrence of repeated activity 208
Transmit message to mobile device based on activity patterns 210
200

FIG. 2

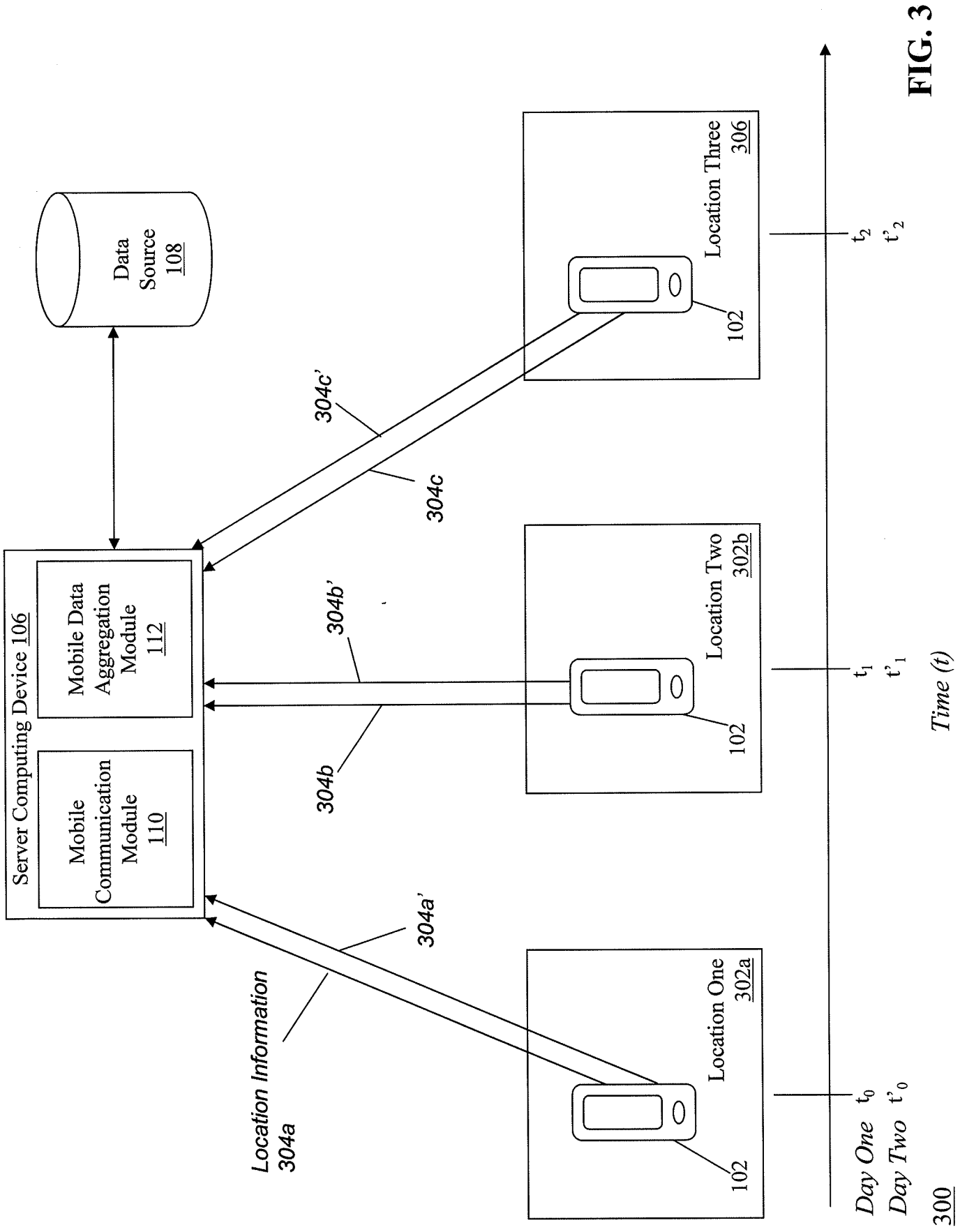

Data Source 108
Server Computing Device 106
Mobile Data Aggregation Module 112
Mobile Communication Module 110
Location Information 304a
304a'
304b
304b'
304c
304c'
Location One 302a
Location Two 302b
Location Three 306
102
102
102
Day One t_0 t_1 t_2
Day Two t'_0 t'_1 t'_2
Time (t)
300

FIG. 3

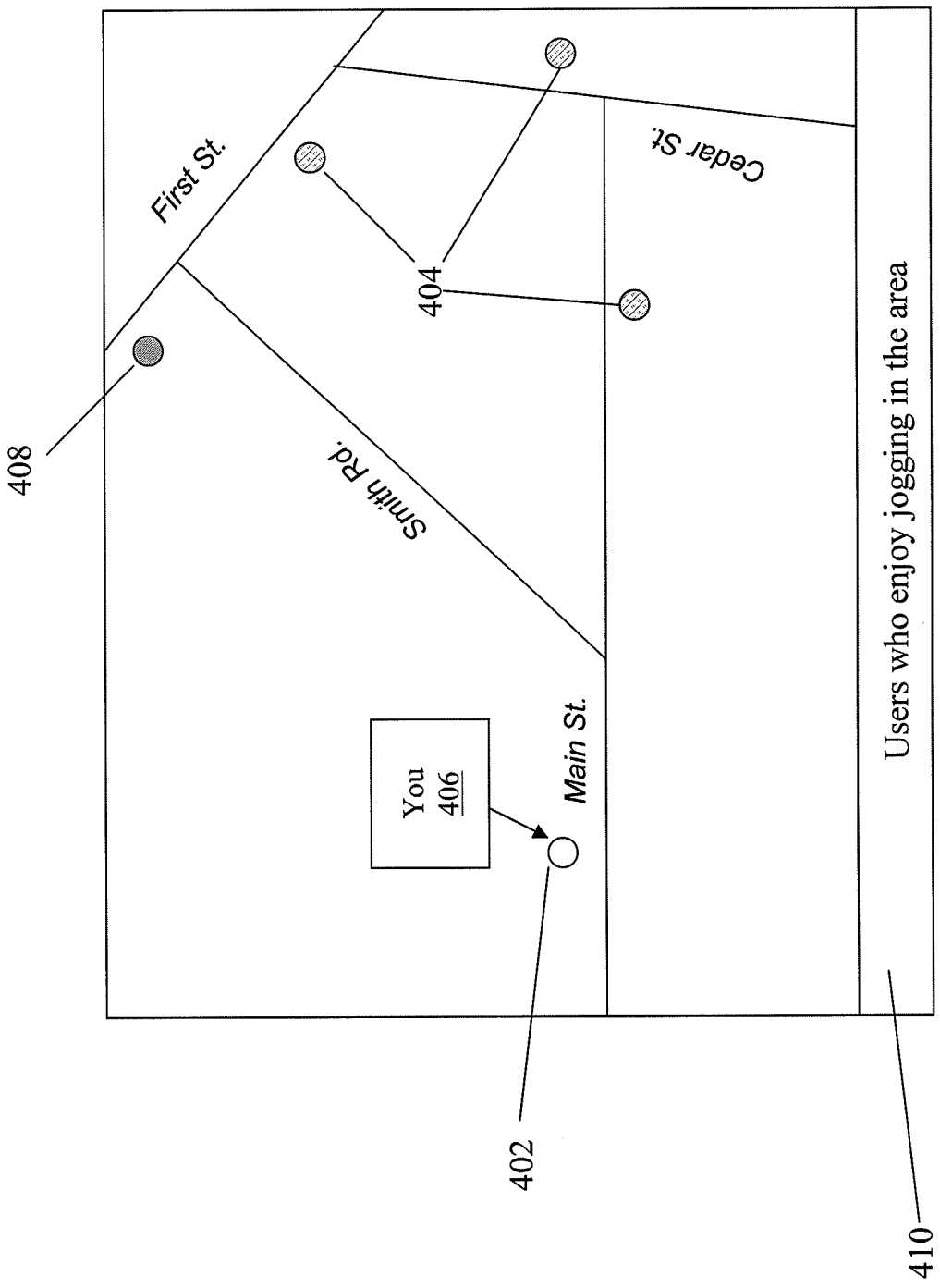

First St.
Cedar St.
404
408
Smith Rd.
You
406
Main St.
Users who enjoy jogging in the area
402
410
400

FIG. 4

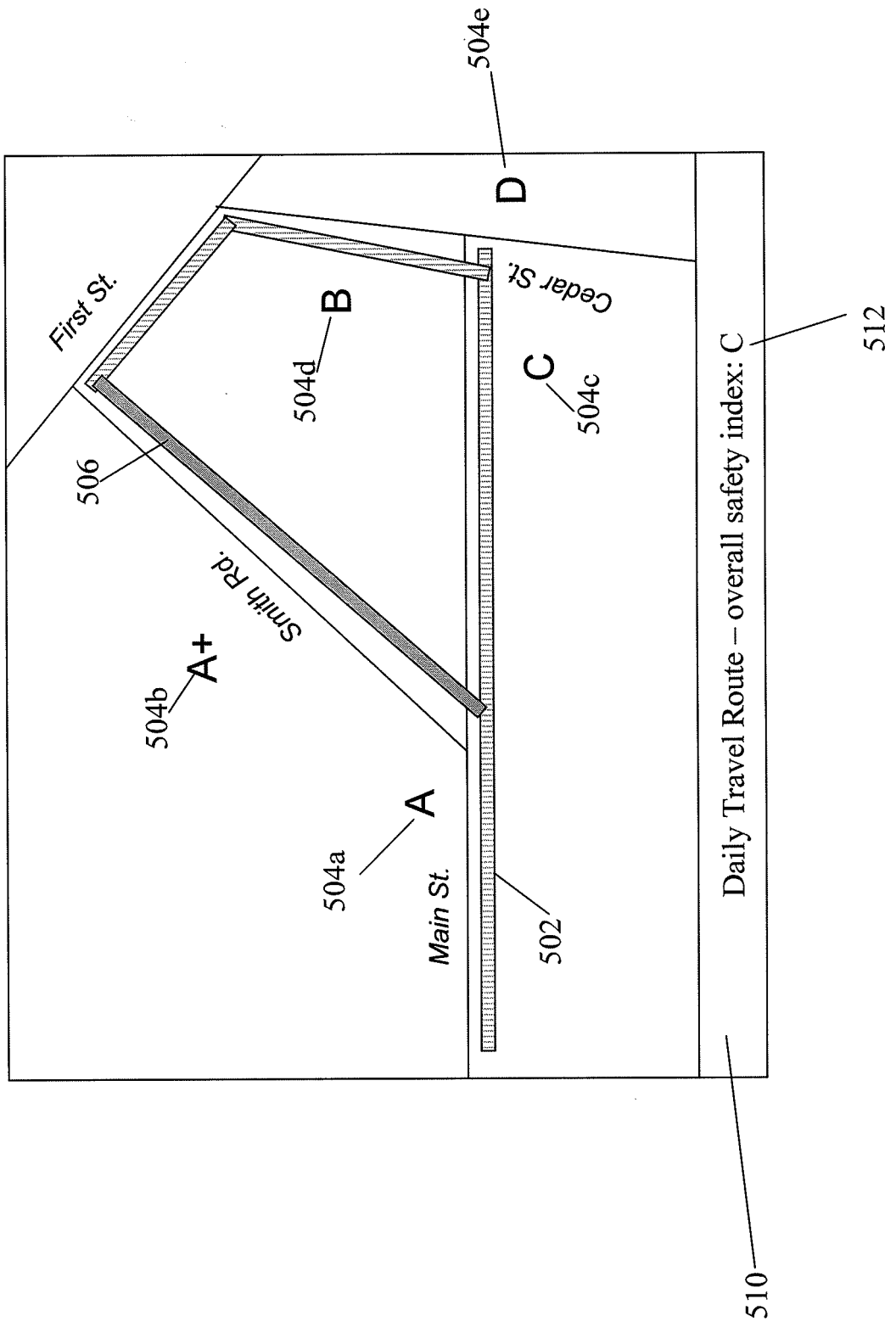
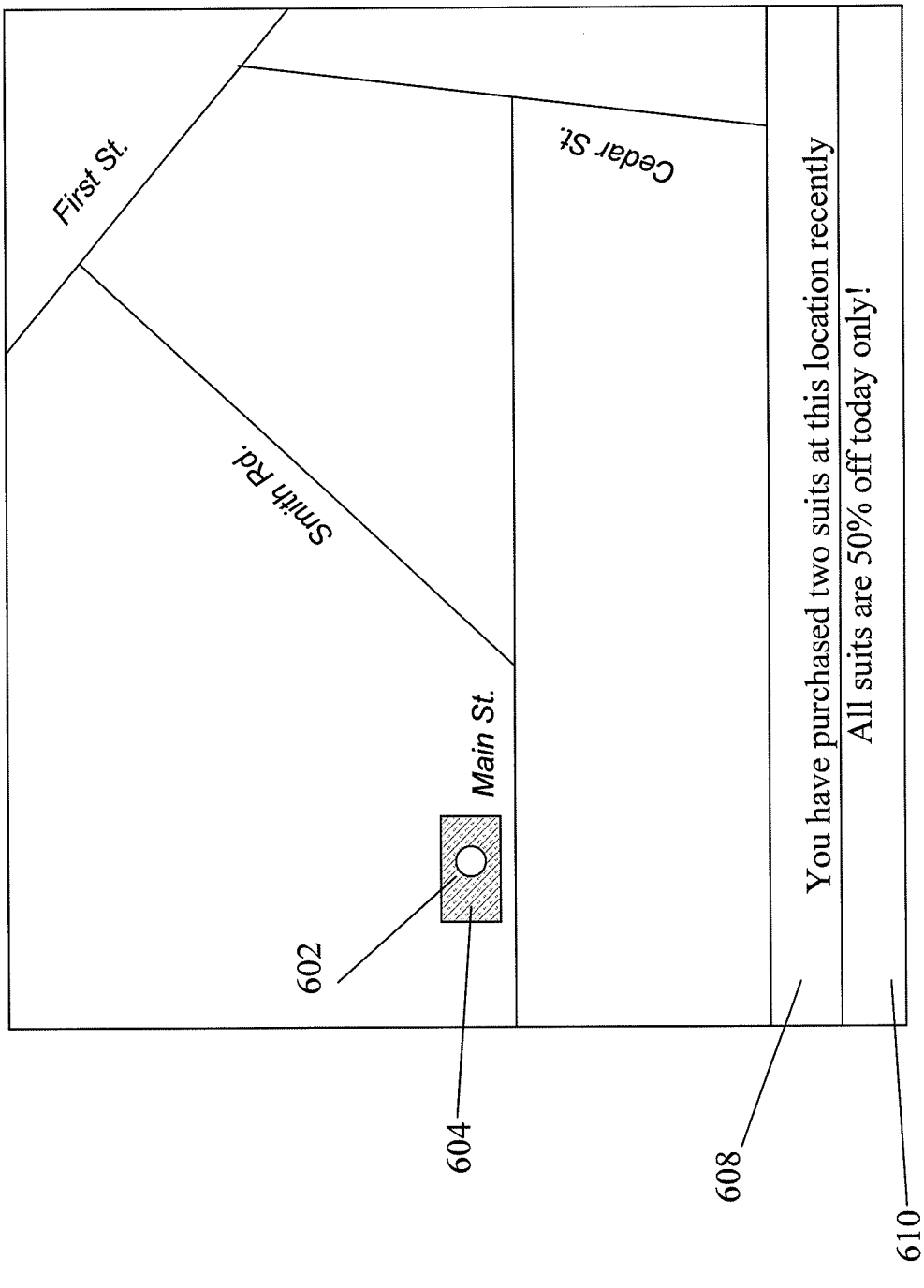

504e
D
First St.
Cedar St.
B
504d
C
504c
506
Smith Rd.
A+
504b
A
504a
Main St.
502
Daily Travel Route – overall safety index: C
512
510
500

FIG. 5

FIG. 6


First St.
Cedar St.
Smith Rd.
Main St.
602
604
You have purchased two suits at this location recently
All suits are 50% off today only!
608
610
600

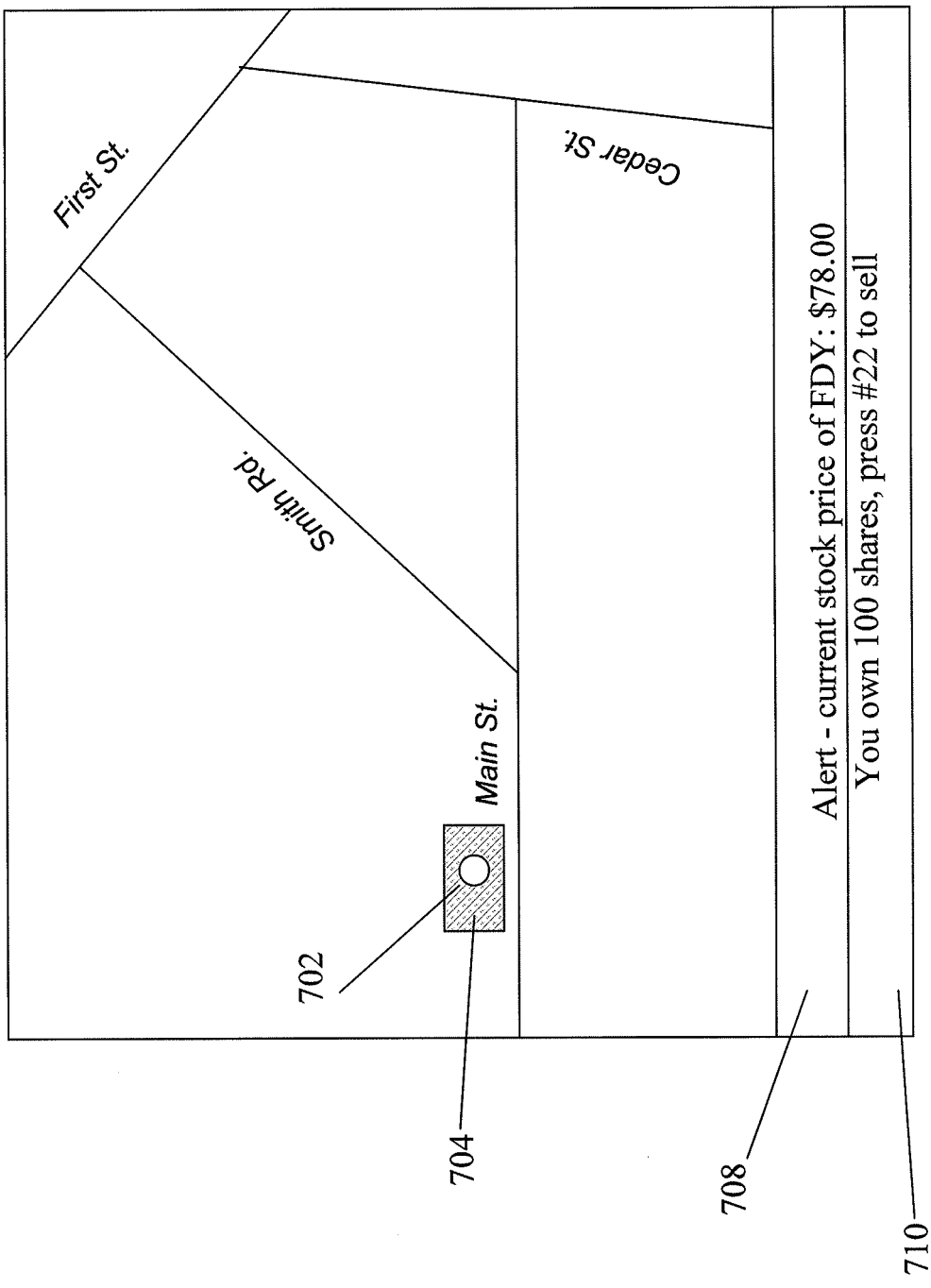

First St.
Cedar St.
Smith Rd.
Main St.
Alert - current stock price of FDY: $78.00
You own 100 shares, press #22 to sell
702
704
708
710
700

FIG. 7

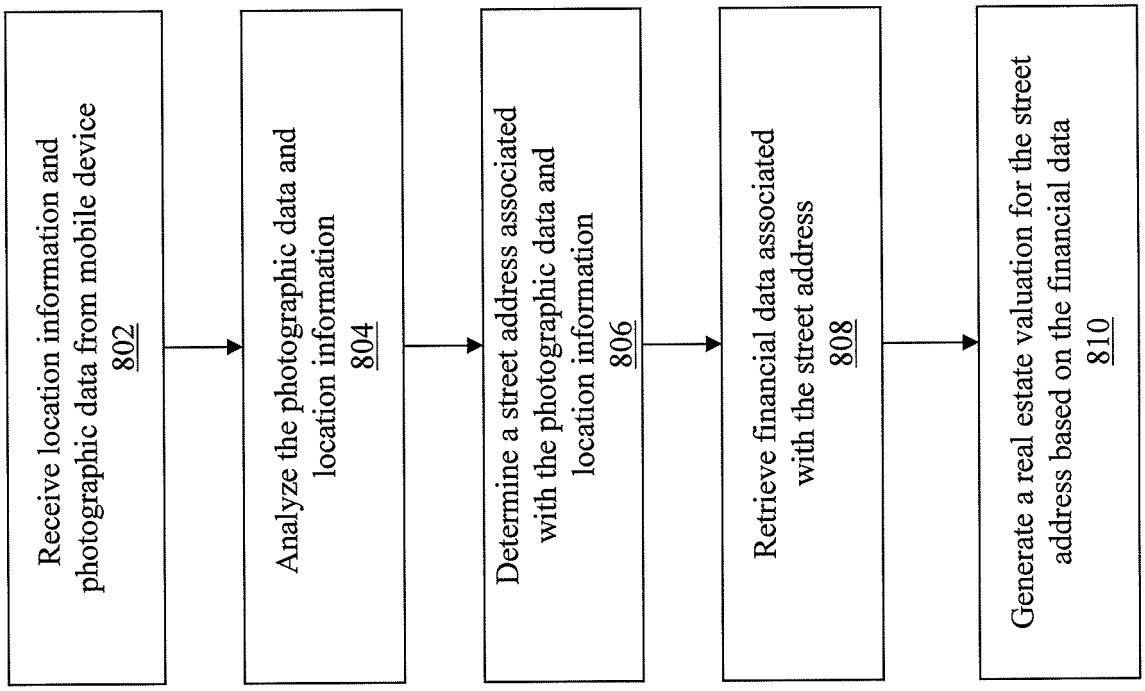

Receive location information and photographic data from mobile device
802
Analyze the photographic data and location information
804
Determine a street address associated with the photographic data and location information
806
Retrieve financial data associated with the street address
808
Generate a real estate valuation for the street address based on the financial data
810
800

FIG. 8