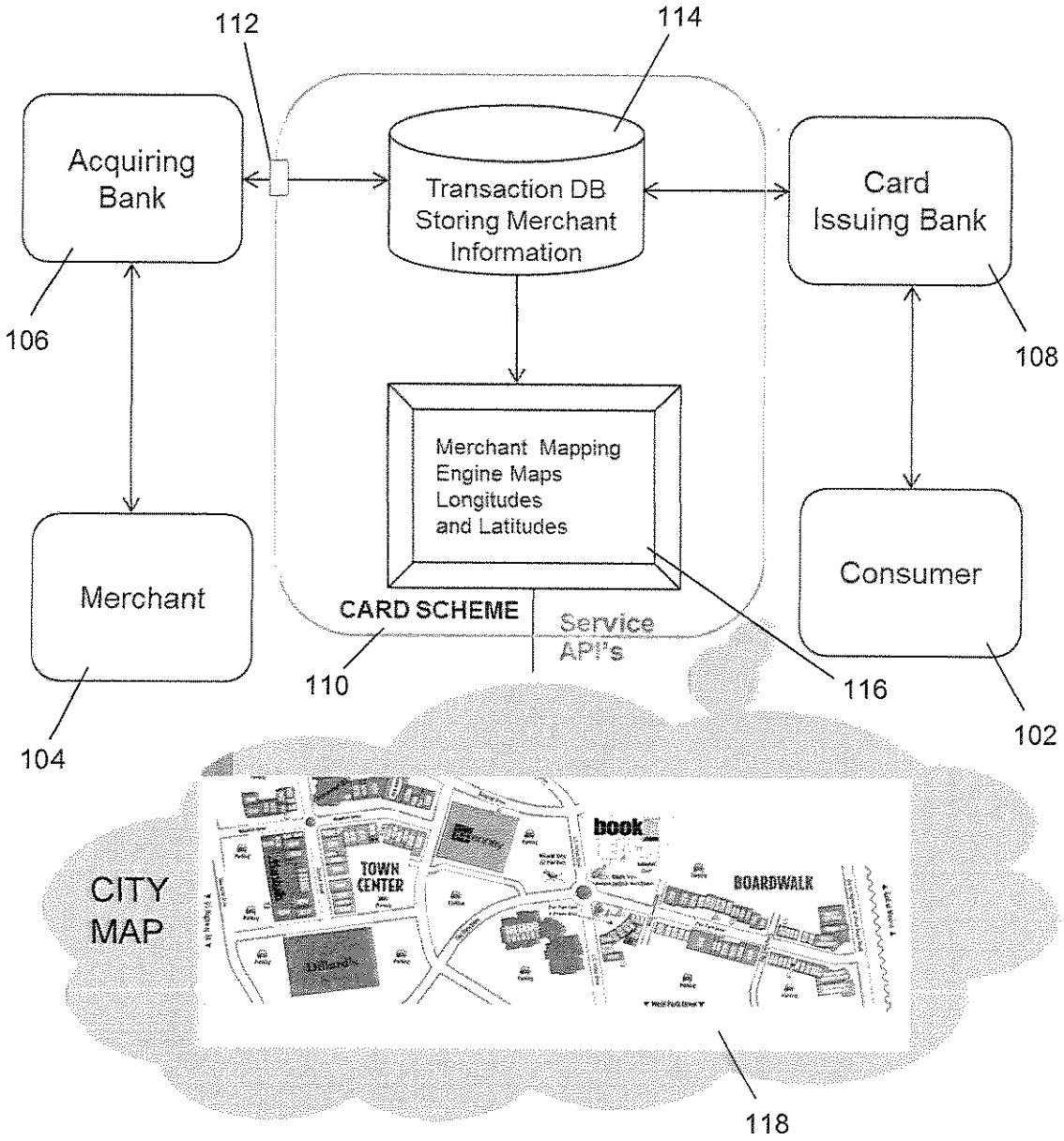
112
114
Acquiring Bank
Transaction DB Storing Merchant Information
Card Issuing Bank
106
108
Merchant Mapping Engine Maps Longitudes and Latitudes
Merchant
Consumer
CARD SCHEME
Service API's
110
116
104
102
CITY MAP
TOWN CENTER
BOARDWALK
118

Figure 1

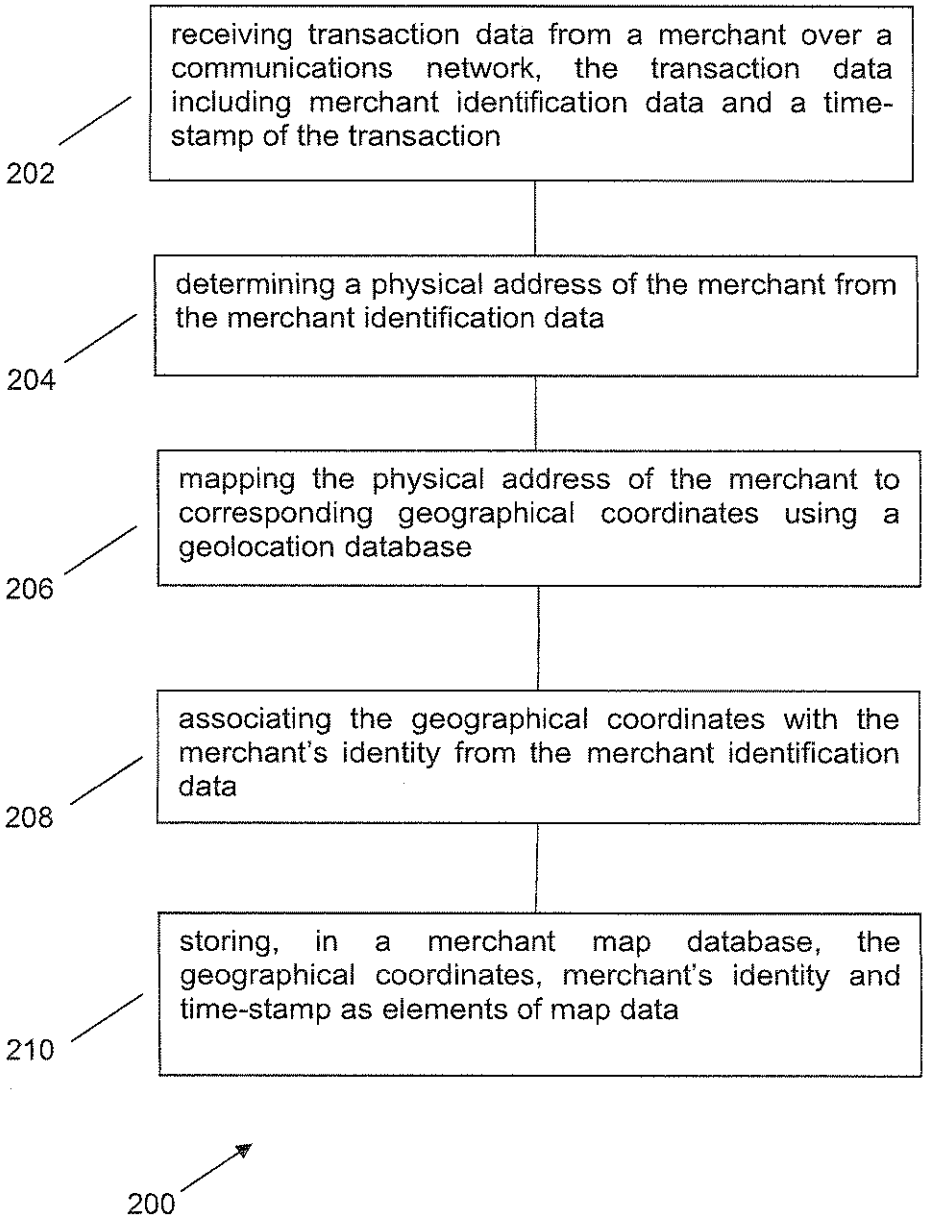

Figure 2

302 304 306

Merchant Identifier	Merchant Name	Latitude & Longitude	Country	City	Time
0000...	Burger Shop	1.29.., 103....	Singapore	Singapore	Day-Month-Year HH:MM:SS

Figure 3

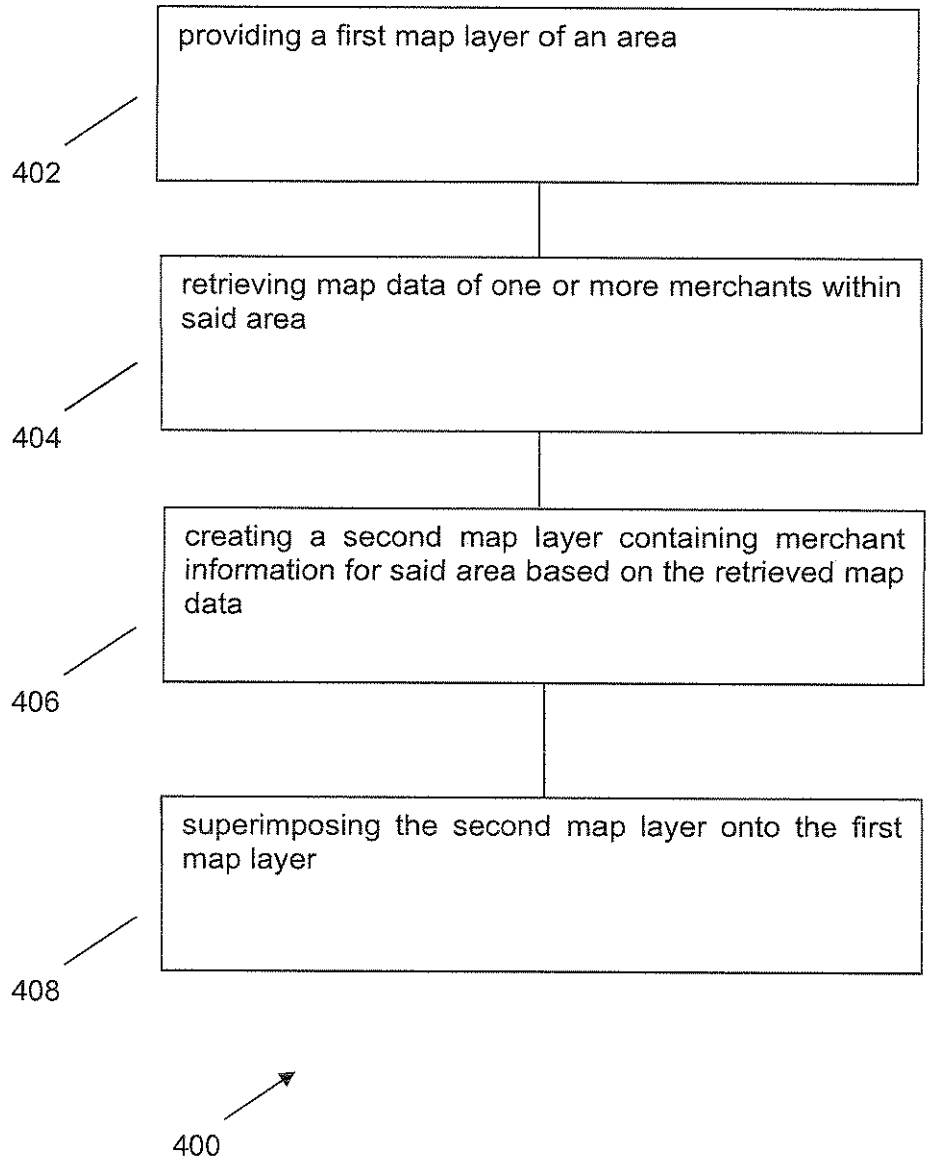
providing a first map layer of an area
402
retrieving map data of one or more merchants within said area
404
creating a second map layer containing merchant information for said area based on the retrieved map data
406
superimposing the second map layer onto the first map layer
408
400

Figure 4



Figure 5a

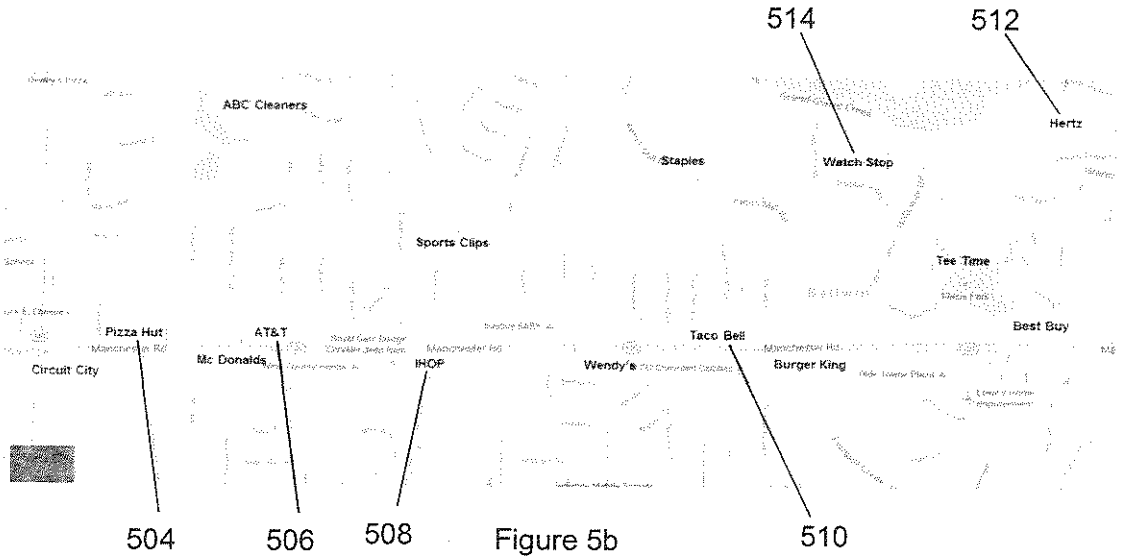

Figure 5b



Figure 5c

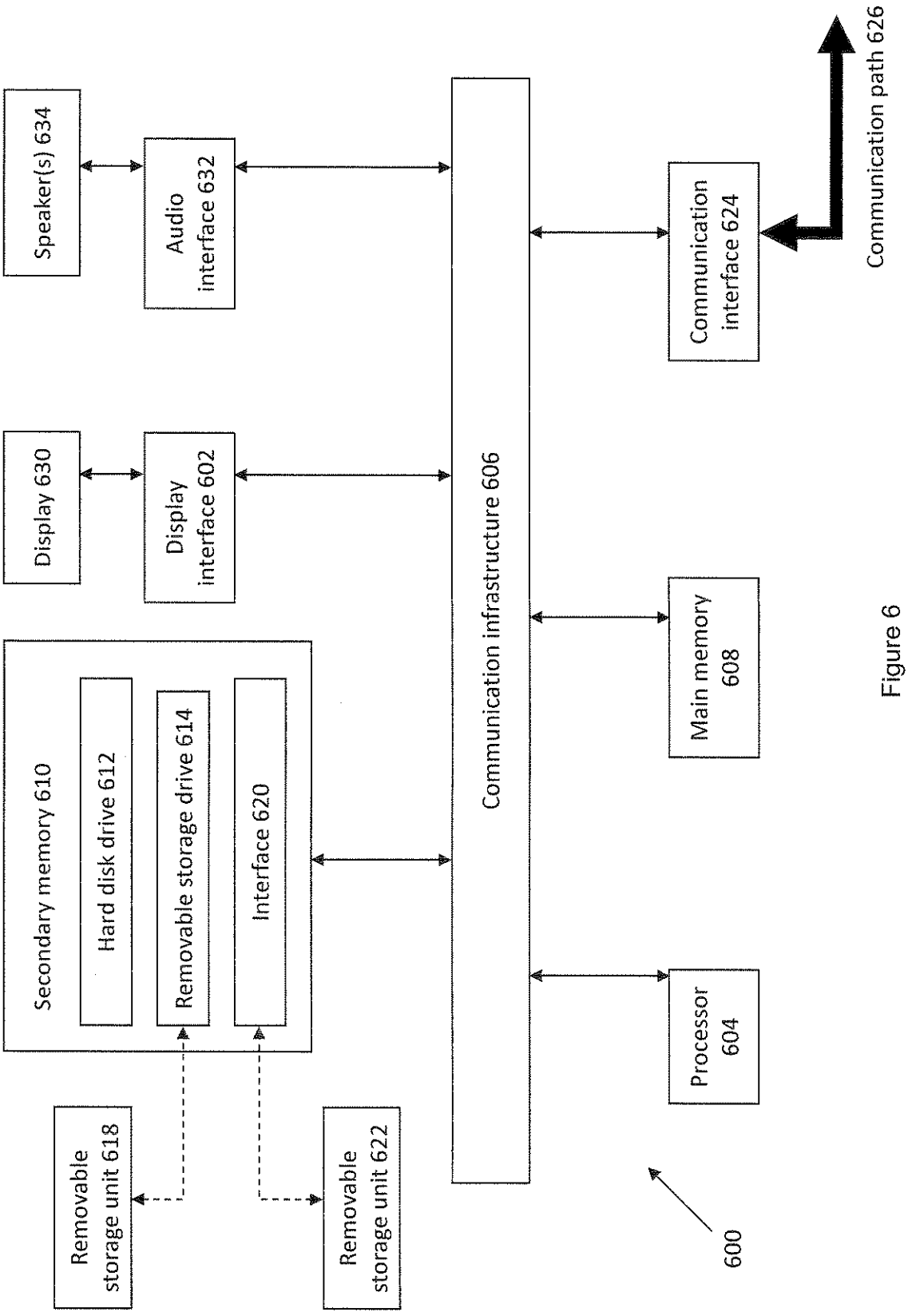
Speaker(s) 634
Audio interface 632
Communication path 626
Display 630
Display interface 602
Communication interface 624
Secondary memory 610
Hard disk drive 612
Removable storage drive 614
Interface 620
Communication infrastructure 606
Main memory 608
Removable storage unit 618
Removable storage unit 622
Processor 604
600

Figure 6