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(54) **LANDMARK ENHANCED DIRECTIONS**

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(57) **ABSTRACT**

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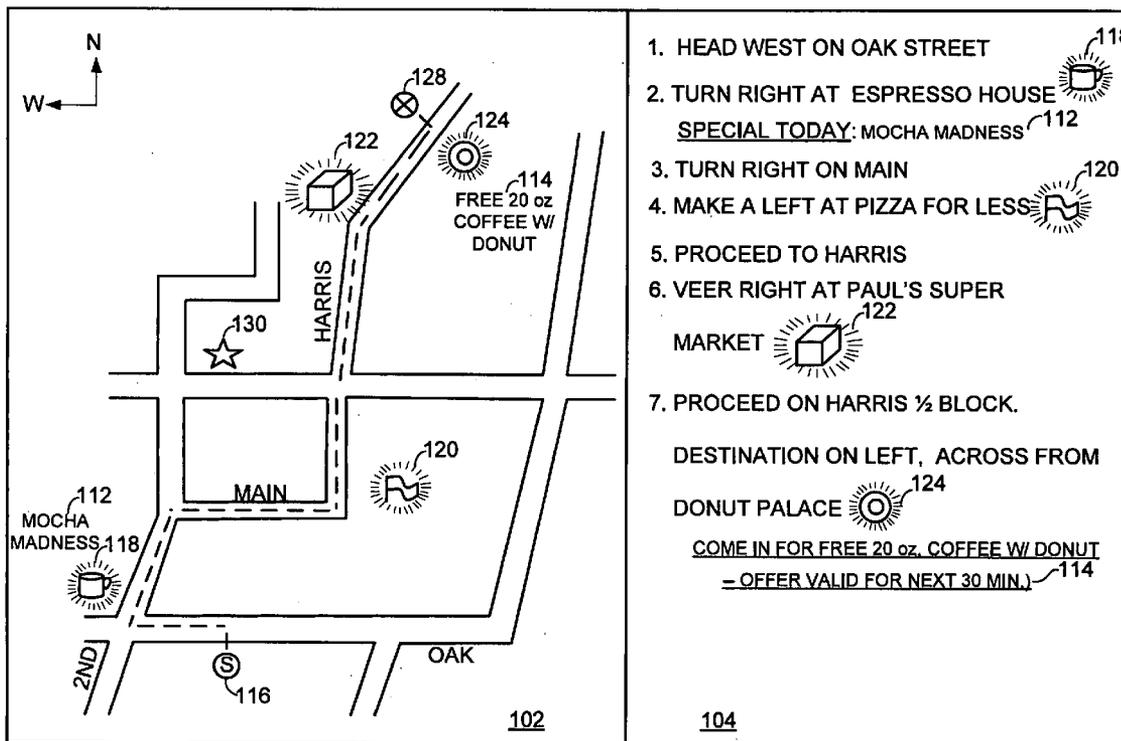
Systems and techniques to provide location-based services. In general, in one implementation, the technique includes receiving a request for directions from an initial location to a final location, determining a route from the initial location to the final location, determining one or more landmarks based on the route and providing directions for traveling the route from the initial location to the final location, the directions including a reference to the one or more landmarks.

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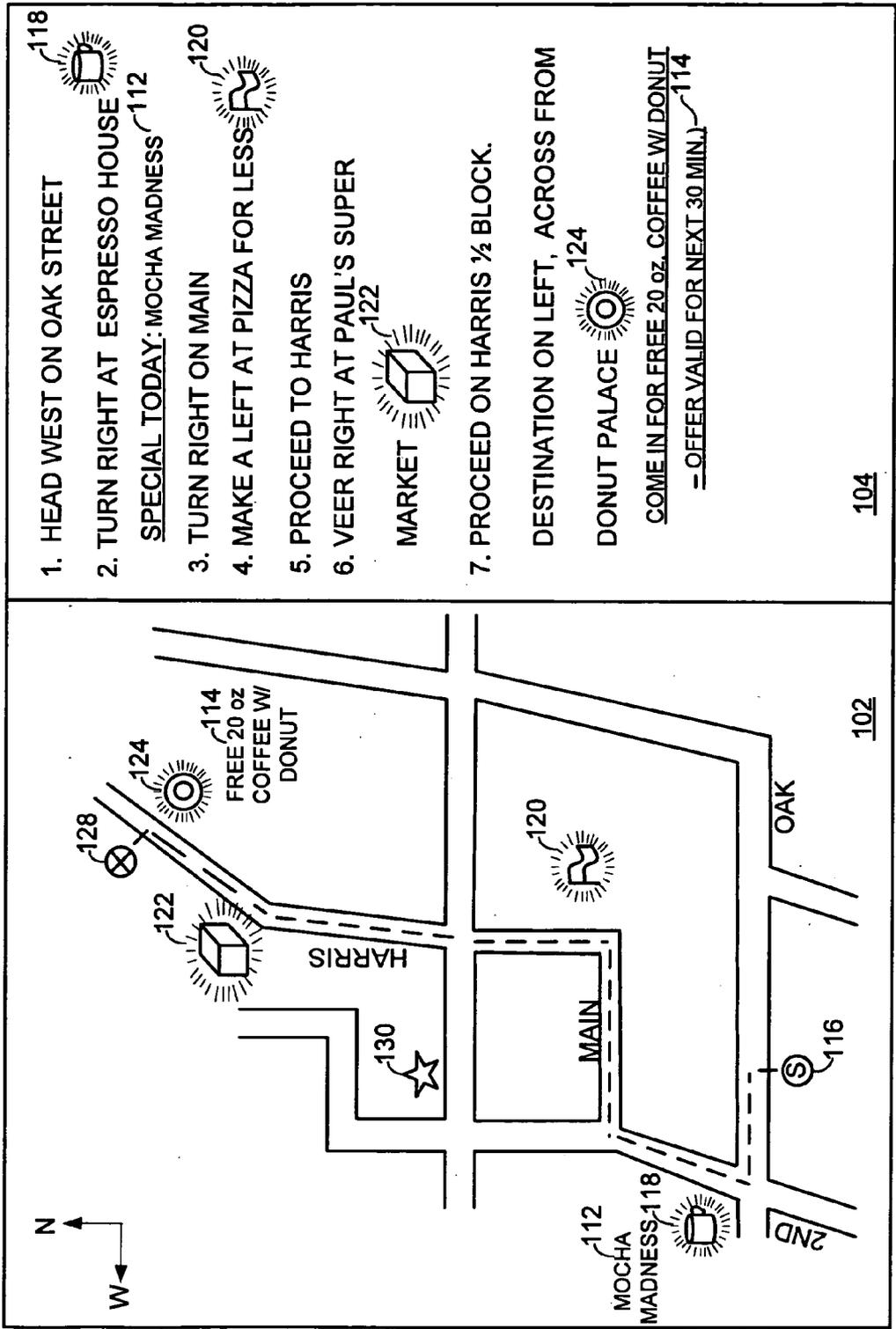
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**Publication Classification**

(51) **Int. Cl.**  
**G01C 21/00 (2006.01)**



1. HEAD WEST ON OAK STREET 
  2. TURN RIGHT AT ESPRESSO HOUSE   
SPECIAL TODAY: MOCHA MADNESS
  3. TURN RIGHT ON MAIN 
  4. MAKE A LEFT AT PIZZA FOR LESS 
  5. PROCEED TO HARRIS
  6. VEER RIGHT AT PAUL'S SUPER MARKET 
  7. PROCEED ON HARRIS 1/2 BLOCK.  
DESTINATION ON LEFT, ACROSS FROM  
DONUT PALACE   
COME IN FOR FREE 20 oz. COFFEE W/ DONUT  
- OFFER VALID FOR NEXT 30 MIN. 
- 104**



1. HEAD WEST ON OAK STREET  118
  2. TURN RIGHT AT ESPRESSO HOUSE  112  
SPECIAL TODAY: MOCHA MADNESS
  3. TURN RIGHT ON MAIN  120
  4. MAKE A LEFT AT PIZZA FOR LESS  120
  5. PROCEED TO HARRIS
  6. VEER RIGHT AT PAUL'S SUPER  122  
MARKET
  7. PROCEED ON HARRIS 1/2 BLOCK.
- DESTINATION ON LEFT, ACROSS FROM  
DONUT PALACE  124  
COME IN FOR FREE 20 oz. COFFEE W/ DONUT  
= OFFER VALID FOR NEXT 30 MIN.  114

104

102

FIG. 1

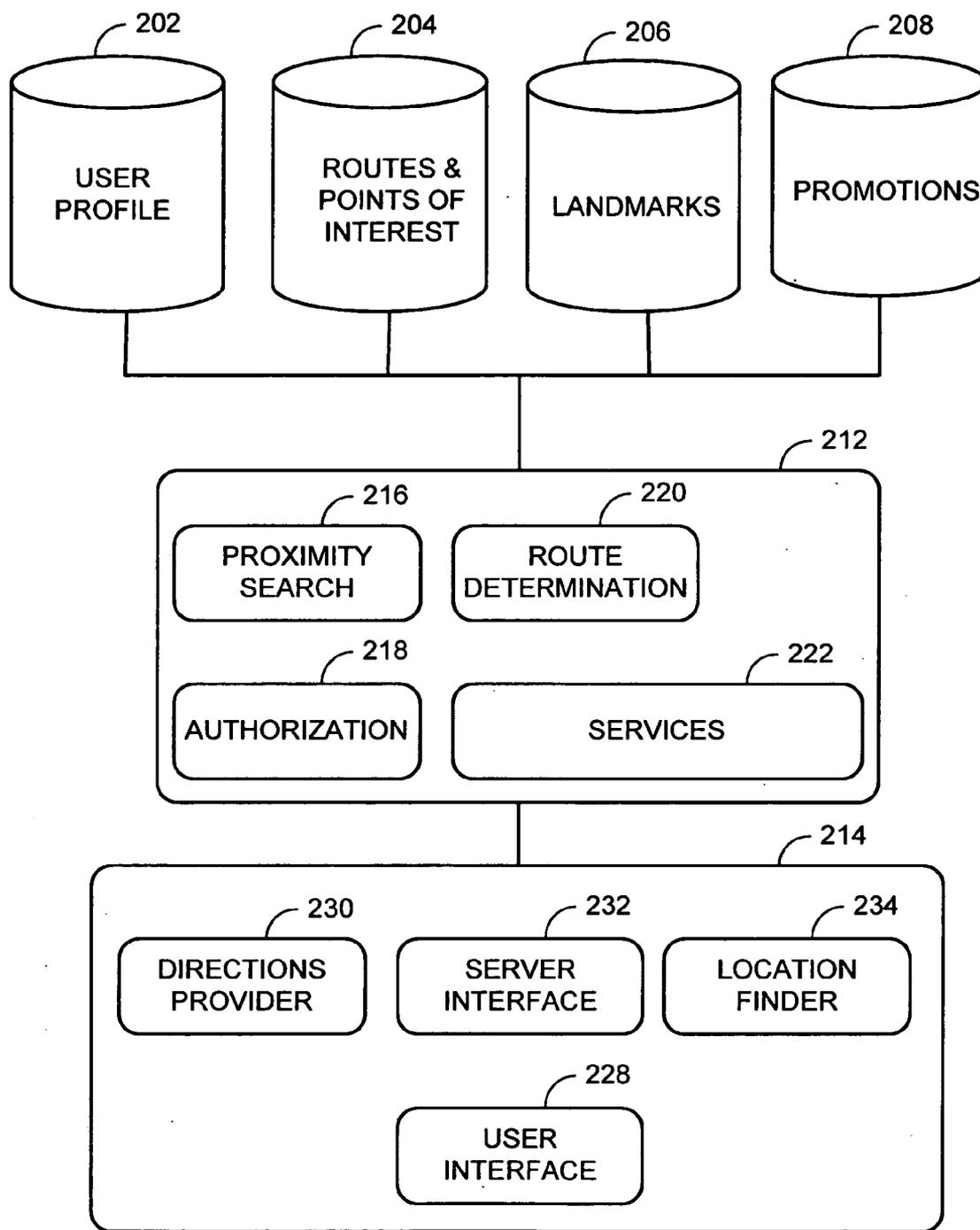
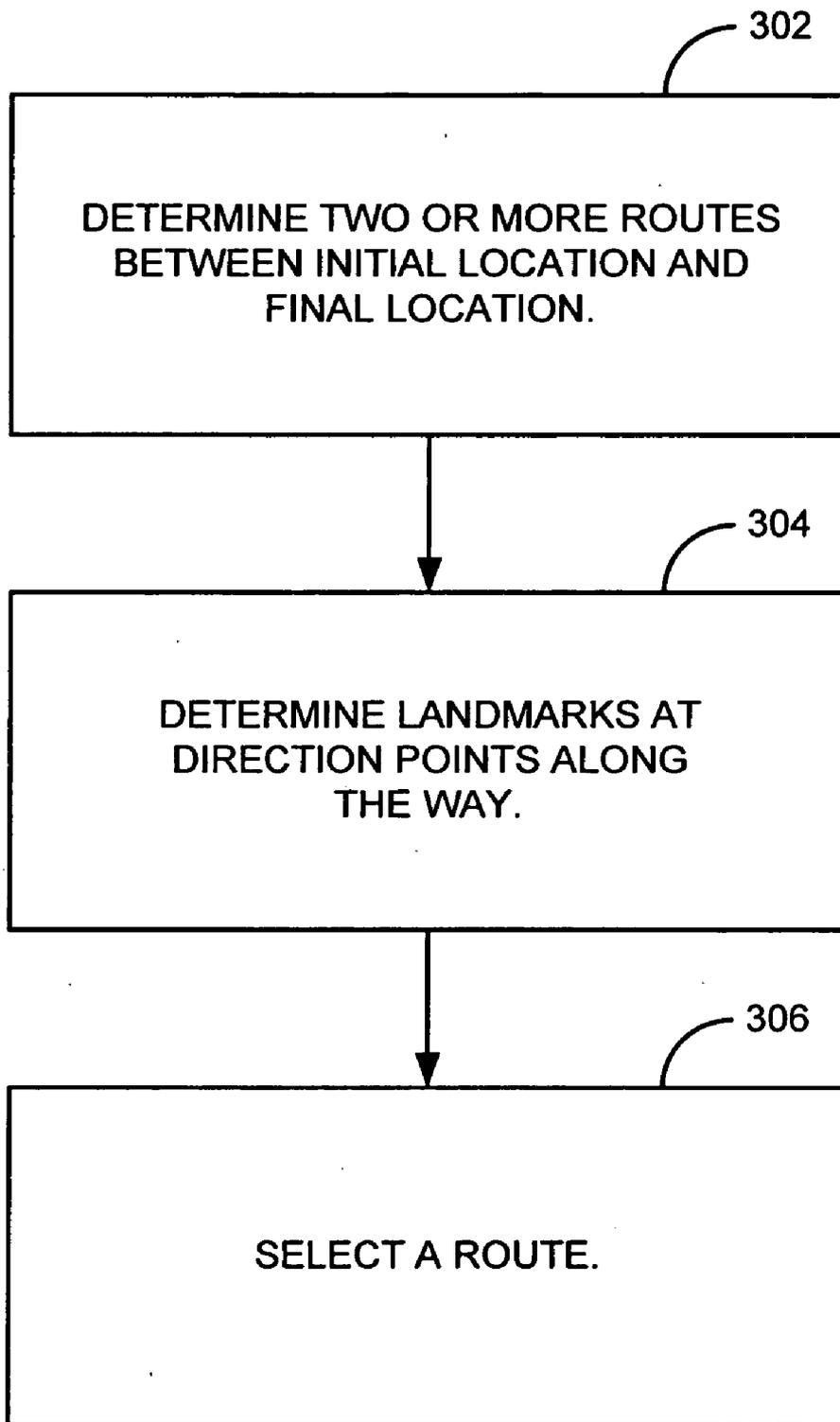
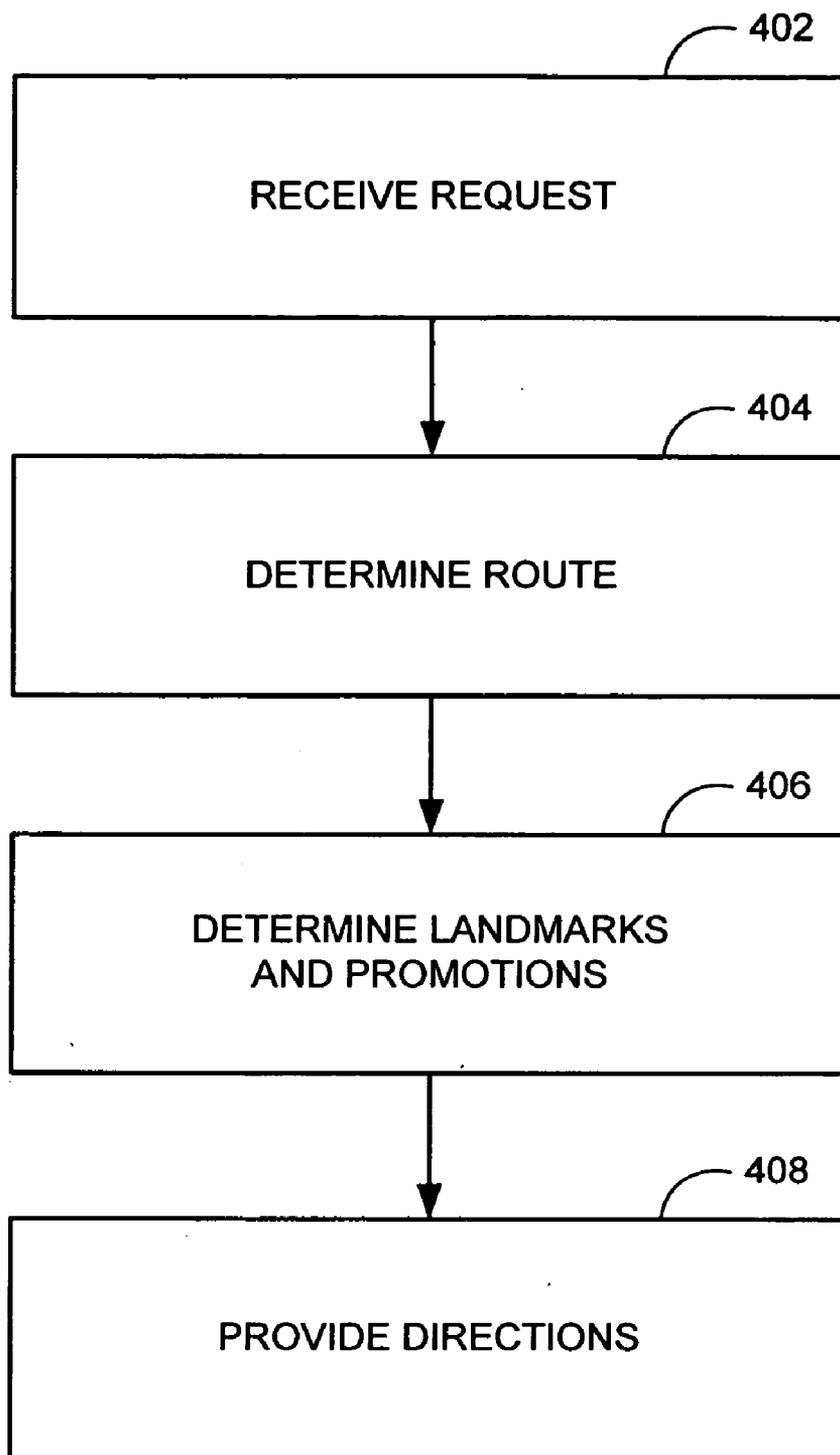


FIG.2



**FIG. 3**



**FIG. 4**

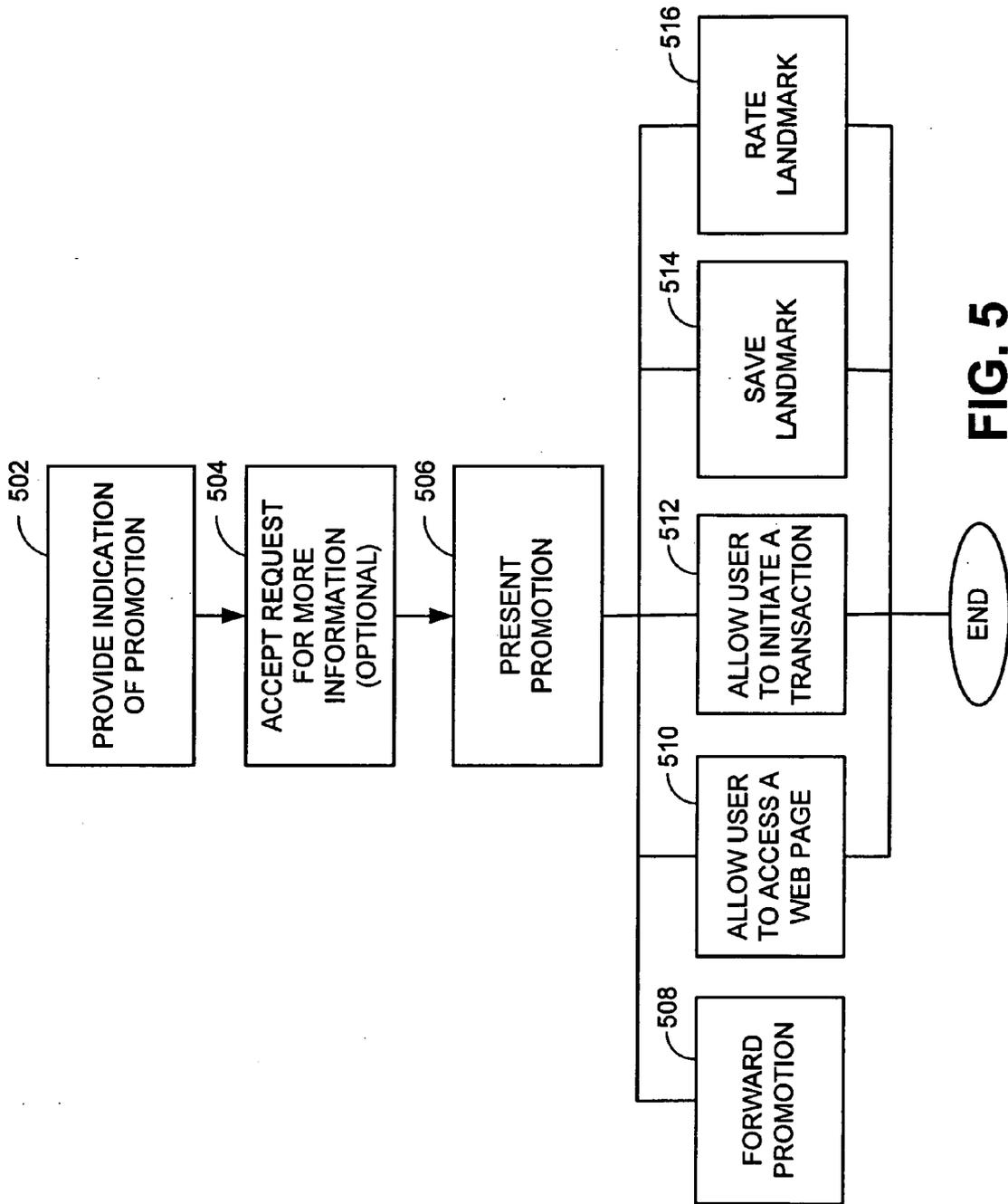


FIG. 5

**LANDMARK ENHANCED DIRECTIONS**

FIELD OF THE INVENTION

[0001] This specification describes systems and methods for location-based services.

BACKGROUND

[0002] Systems and methods for providing directions using landmarks are described. Typical navigation systems provide directions for traveling a route in terms of street names. For example, MapQuest.com generates step-by-step directions for traveling from a given initial location to a given final location. Street names are sometimes difficult to notice, especially if a user is traveling in an automobile. Furthermore, if the user is focused on following step-by-step street name directions, it may be difficult for the user to notice landmarks while en route.

SUMMARY

[0003] This disclosure generally describes systems and methods for providing directions using landmarks.

[0004] In one aspect, a request is received for directions from an initial location to a final location. A route is determined from the initial location to the final location. One or more landmarks are determined based on the route and directions are provided for traveling the route from the initial location to the final location, the directions including a reference to the one or more landmarks.

[0005] In another aspect, an initial location and a final location are received. A plurality of routes between the initial location and the final location are determined. For each of the plurality of routes, one or more landmarks at one or more direction points included in the route are determined. A route is selected from the plurality of routes, the selecting based on the determined one or more landmarks for each of the plurality of routes.

[0006] Implementations may include one or more of the following features. Information can be provided to a server and one or more landmarks can be received from the server. A landmark can be a branded reference point. A branded reference point can include one or more of the following: a place of business, a commercial sign, or an advertisement. A request can be received from a user and the initial location can be a current location of the user. A request can be received from a location-aware device and the initial location can be the current location of the location-aware device.

[0007] A query can be received and a search can be performed based on the query, where a search result can comprise the final location. A final location can be a name of a physical location referring to one of: a place, a geographic area, an event, or a historical site. Directions can include one or more of the following: step-by-step instructions for traveling the route from the initial location to the final location or a graphical representation of a map identifying the route from the initial location to the final location. Directions can be provided as voice prompts or an animated map. Promotional information associated with the one or more landmarks can be obtained and provided. A web page associated with the promotional material can be presented. Promotional material can be forwarded. A consumer transaction based on the promotional material can be initiated.

[0008] A landmark can be determined based at least in part on a user profile. One or more landmarks can be determined based on one or more of the following: a rank of the landmark, a rank of a promotion associated with the landmark, a time of day, a date, a relevancy of the landmark, or a relevancy of a promotion associated with the landmark. A geographic location corresponding to a final location can be determined. A graphical display of a map including the route and the one or more landmarks, identified on the map or step-by-step directions for traveling the route from the initial location to the final location including a reference to the one or more landmarks can be provided. A route can be chosen that has the greatest number of landmarks in a plurality of routes. A route can be chosen that has the greatest number of landmark of a specified type.

[0009] Implementations of the invention can realize one or more of the following advantages. A user can navigate to a final location with the aid of easy to spot landmarks, instead of solely relying on street names which can be, at times, difficult to read and/or notice. The user can also easily learn of promotions associated with a given landmark en route or near to the user's final location. A landmark can also be associated with multimedia components describing the landmark's characteristics, profile, features, and the like.

[0010] These general and specific aspects may be implemented using a system, a method, or a computer program, or any combination of systems, methods, and computer programs. The details of one or more implementations of the invention are set forth in the accompanying drawings and the description below. Other features, aspects, and advantages of the invention will be apparent from the description and drawings, and from the claims.

DESCRIPTION OF DRAWINGS

[0011] FIG. 1 shows an exemplary graphical user interface for showing directions using landmarks.

[0012] FIG. 2 is a schematic representation of a system for generating directions including landmarks.

[0013] FIG. 3 is a flow chart illustrating a process for determining a route.

[0014] FIG. 4 is a flow chart illustrating a process for providing directions including landmarks.

[0015] FIG. 5 is a flow chart illustrating a process for providing information pertaining to a landmark included in directions using landmarks.

[0016] Like reference symbols in the various drawings indicate like elements.

DETAILED DESCRIPTION

[0017] A system and methods for providing user directions for traveling from an initial location to a final location, where the directions include explicit references to landmarks and, optionally, promotions associated with the landmarks are described.

[0018] FIG. 1 is a screen shot 100 showing a graphical user interface for an application that provides directions for travel from an initial location 116 to a final location 128. Although a graphical user interface is illustrated, other user interfaces can be used in systems and methods for providing

directions, including user interfaces that allow for user interaction by means of sound, voice, gesture, eye movement and/or use of remote control devices. The user interface can be provided on a number of devices including, but not limited to, devices such as a cell phones, personal data assistants, hand-held Global Positioning System (GPS) based navigation systems, automobile navigation systems, personal computers, combinations thereof, and other suitable navigation systems.

[0019] In one implementation, the user interface can present one or more views of information. By way of illustration, a map view **102** presents a street map of a route showing the initial location **116** and final location **128**, as well as landmarks (**118**, **120**, **122**, and **124**) along the route. A directions view **104** presents step-by-step directions that a user can follow from the initial location **116** to reach the final location **128**. In one implementation, an outlying landmark **130** does not lie directly on the route. For example, such an outlying landmark can be in a general area surrounding a point on the route or within a predefined proximity to the route. In this case, the outlying landmark **130** need not be used for guiding the user along the route, but can be pointed out to the user nonetheless in either view.

[0020] A landmark is an entity having a physical presence (e.g., a building, a sign, a sculpture, an entity that is perceptible through vision, touch, or sound) that the user will encounter while traveling a route dictated by the directions. In one implementation, a landmark is a branded reference point that designates a place of business or the location of at least one business, commercial signage, or an advertisement. In one implementation, symbols or marks (e.g., trademarks) representing landmarks can be included in the map view **102** and/or the directions view **104**. In an aspect of this implementation, landmark symbols (**118**, **120**, **122**, and **124**) in the directions view **104** correspond to like symbols in the map view **102**.

[0021] In one implementation, the initial location **116** is specified as a street address. In another implementation, the initial location **116** is the current location of the user as determined by a location-aware device (e.g., a cell phone). In yet another implementation, the initial location **116** can be specified as the name of a business, a place, an event (e.g., Giant's baseball game), or a location that the user will travel from at some point in the future. Likewise, the final location can be specified as an address, the name of a business or place, a geographic area, an event, and a landmark.

[0022] The initial location and/or the final location can also be specified as a proximity query. A proximity query specifies a location in terms of a search of an area surrounding a location and, optionally, for a given type of landmark. For example, a user may request directions to the nearest Italian restaurant from an initial location. A search of a points of interest database **204** (see FIG. 2) including restaurants can be performed based on the query, and the search result can be used as the final location.

[0023] In one implementation, a proximity query can be based on a location, a type of landmark, and a qualifier. The type of landmark is used to create a result set of possible landmarks in a region surrounding the location. By way of a non-limiting illustration, the type of landmark could be a type of cuisine (i.e., in the current example, Italian food), a type of business (i.e., in the current example, a restaurant),

and other suitable landmark types. The qualifier is used to specify which landmark in the result set should be chosen as the result. Qualifiers can include, but are not limited to, nearest (as in the current example), furthest, lowest rated, highest rated, least expensive and most expensive.

[0024] An unrestricted proximity query can also be used to specify more than one initial and/or final location. An unrestricted proximity query omits the type of landmark and/or the qualifier. For example, if the qualifier is omitted from the query, instead of finding the location of the nearest Italian food, it will find all such locations within a region surrounding the given location. By way of a further illustration, a user may request an initial location of San Francisco, Calif. and a final location of New York, N.Y. In this case, the user can be presented the option of choosing a route to follow from all possible routes between the San Francisco and New York. In yet a further illustration, the user may specify a specific initial location but leave the final location general (i.e., specifying the final location as an unrestricted proximity query).

[0025] Referring again to FIG. 1, the first exemplary direction **(1)** in the directions view **104** instructs the user to "Head West on Oak St." The next direction **(2)** instructs the user to turn right at the "Espresso House" landmark. Notice that the coffee cup symbol **118** in direction **(2)** refers to the same symbol in the map view **102**. A user traveling the route according to the directions will encounter the "Espresso House" establishment and therefore know to make a right turn at that point. This type of navigation can be more efficient for a user, especially a user operating a vehicle, than having to rely on hard-to-read street signs.

[0026] In one implementation, promotions or other information can be associated with a landmark and brought to the user's attention through various means. By way of illustration, a "promotion" can be information associated with a landmark, or a special offer enticing the user to visit the landmark or conduct business at the landmark or with an entity associated with the landmark. Information can include multimedia components describing a landmark's characteristics, profile, features, and the like. The map view **102** and directions view **104** can present promotions. In one implementation; the map view **102** landmark symbols that represent landmarks offering promotions, i.e., landmarks **118** and **124**, can be made to stand out visually by changing their appearance, and/or by presenting the associated promotion adjacent to the landmark symbol or elsewhere. For example, "Mocha Madness!" is displayed adjacent to landmark **118**, and "Free 12 oz Coffee w/Donut" is displayed adjacent to landmark **124**.

[0027] In the directions view **104**, a promotion can be incorporated into the directions themselves. For example, direction **(2)** includes a promotion **112**. In this example, the promotion **112** is displayed as the phrase "special today", which is a link a user can select (e.g., by highlighting and clicking a mouse). When the promotion **112** or associated landmark symbol, i.e., Espresso House **118**, is selected by the user, the user can be provided with more information about the promotion. In one implementation, the user can be directed to a web page including information about the promotion **112**. In another implementation, the user can enter into a consumer transaction, such as making an Internet purchase under the terms of the promotion **112**. In yet

another implementation, the user can forward the promotion **112** to an email address, an instant messenger buddy, a mobile phone via Short Message Service or other suitable service.

[0028] Referring again to the directions view **104**, directions **(3)** and **(5)** do not include a reference to a landmark. However, directions **(4)** and **(6)** each include a reference to a landmark (i.e., “Pizza for Less” and “Paul’s Supermarket”) without an associated promotion. Direction **(7)** includes a reference to the “Donut Palace” landmark **124** and an associated promotion **114**. In this case, the promotion is time sensitive and is only valid for the next 30 minutes. In one implementation, a time sensitive promotion can include an animated count-down timer. For example, the text “30 min.” in promotion **124** can count down as time passes (e.g., “29 min.,” “28 min.,” . . . “1 minute left!”).

[0029] In another implementation, a promotion can be displayed in the map view **102** and/or the directions view **104** based on the user’s proximity to a landmark. For example, if the user interface is presented on a mobile, location-aware device, a promotion can be presented to the user as the user nears a landmark. In another aspect, a landmark and/or a promotion in the map view **102** or the directions view **104** can be visually emphasized (e.g., highlighted, animated, enlarged) as the user’s current location nears that landmark.

[0030] Referring to FIG. **2**, one implementation of a system **200** for providing a route map and/or directions using landmarks is illustrated. In this implementation, the system includes a client **214**, a server **212** and databases accessible by the server **212**. Other configurations of the system **200** are possible, and the configuration shown is merely one example.

[0031] The client **214** includes a user interface **228** for interfacing with a user, a directions provider component **230** for providing a route map and/or directions to the user interface **228**, a server interface **232** for determining a route, directions, associated landmarks and associated promotions by communicating with a server **212**. In one implementation, the client **214** also includes a location finder component **234** capable of determining the current location of the client **214**, which current location can serve as the initial location in a direction request made to the server **212**.

[0032] The server **212** includes a services component **222** for responding to requests from the client **214**. In one implementation, the client **214** is authorized by an authorization component **218** included at the server **212** before the client **214** is permitted to access the services **222**. For example, some clients may not be authorized to access a location service based on an associated user’s service plan or profile. In one implementation, the client **214** provides the server **212** with a request for directions between specified initial and final locations. In another implementation, the final location is specified as a proximity search and the proximity search component **216** is used to resolve the query to a final location. A route determination component **220** determines a route between the initial and final locations. The route determination component **220** can use one or more of the following strategies, without limitation: minimize travel distance, minimize travel time, maximize landmarks included en route, maximize landmarks with high ratings, maximize landmarks with promotions, maximize routes

with particular characteristics (e.g., whether or not a route contains ferries, bridges, or other characteristics).

[0033] A route determination component **220** determines a route between the initial and final locations, e.g., the initial location **116** and final location **128** shown in FIG. **1**, and generates a set of directions to guide a user when traveling the route. In one implementation, the route determination component **220** determines the route by accessing a route and landmark database **204** (or more than one such databases) including digital map data, points of interest and other landmarks. Navteq of Chicago, Ill. and Tele Atlas of Lebanon, N.H. are examples of providers of digital map databases that provide routing information as well as points of interest databases including locations of points of interest such as gas stations, hotels, shops and hospitals, to name a few. The route and landmark database **204** can be built from digital map data acquired from one or more digital map databases, such as those provided by Navteq and Tele Atlas described above. Additionally, the database **204** can include supplemental landmark information that is not included in typical, commercially available digital map databases. For example, the database **204** can be augmented with the location of the retail outlets of a particular company.

[0034] The route determination component **220** can query the route and landmark database **204** to determine one or more routes between the initial and final locations **116**, **128**, and to determine one or more landmarks included en route, as well as at “direction points”. A direction point is a point along the route where the user is notified of a change of direction. For example, the geographic location of the Espresso House **118** is a direction point, as the user must turn right at this point to travel the selected route to the final location **128**. The route determination component **220**, uses the landmarks included in the route and landmark database **204** to determine one or more landmarks located at the direction point. The route determination component **220**, chooses at least one of the determined landmarks to include within the directions, in this example, the Espresso House **118**.

[0035] At a given intersection, there may be multiple landmarks, for example, a different business or other landmark may be located on each of four corners of the intersection. The route determination component **220** can select landmarks for a given route based on a multitude of factors such as, but not limited to, the rank of a landmark, the rank of a promotion, the current time of day, the date, and/or the relevancy of the landmark/promotion. In one implementation, the rank of a landmark/promotion is based on the compensation amount the landmark owner is willing to provide the server **212** in order for the landmark/promotion to be included in the directions to travel the route. For example, the more compensation the landmark owner is willing to pay, the higher the rank of the landmark/promotion. In another implementation, the rank can be based the popularity of the landmark/promotion with a class of users including the user requesting the directions. The class of users can be determined based on demographic information, user profiles, or other information used to classify users for the purposes of studying behavior. Popularity can be related to how frequently users in the class visit the landmark or select a promotion associated with a landmark.

[0036] In one implementation, the relevancy of a landmark/promotion can be determined based on user profile

information for the user requesting the directions. The route determination component 220 can obtain and use user preferences from a user profile database 202 in determining a route. For a given user, the user profile database 202 can include without limitation, the user's age, weight, height, gender, address, occupation, dietary habits, dietary restrictions, annual income, marital status, the type of vehicle the user drives, and stores the user frequents. For example, if it is known that a user is vegetarian, only restaurant landmarks that accommodate vegetarians would be included in a route. Or, if the route will be traveled early in the morning, it would not make sense to select landmarks that are offering dinner promotions. In one implementation, the user can rate a landmark and this information can be included in the user's profile. In an aspect of this implementation, landmarks with higher ratings are more likely to be included in directions to travel a route than those landmarks with lower ratings. In another implementation, the user can save a given landmark so the landmark can be quickly selected as a final location in the future. Saved landmarks can also be stored in the user profile database. In one implementation, a user's profile information can be supplied as part of the request made to the server 212, in which case the user profile database 202 can be eliminated.

[0037] Referring to FIG. 3, in one implementation the route determination component 220 can determine two or more routes between the initial location 116 and the final location 128 from information provided by the route and landmark database 204 (step 302). The route determination component 220 can then make a decision as to which route to present to the user. The decision can be based on a number of factors. In one implementation, the user can influence the factors (e.g., based on the user's profile). In one implementation, the route determination component 220 determines landmarks at direction points along each route, and optionally, with a predefined proximity to the route and/or initial and final locations 116, 128 (step 304). The route determination component 220 selects the route to present to the user based on the determined landmarks (step 306). For example, the route determination component 220 may select a route to maximize the number of landmarks along the route. Alternatively, the route determination component 220 may select a route to maximize the number of a certain type (e.g., restaurant type, or historical type) of landmarks along the route. There are any number of possible ways of the route determination component 220 to make the selection based on the determined landmarks, and the those described are merely exemplary.

[0038] Referring again to FIG. 2, the operations described can be implemented by more or fewer components, including more or fewer at the server 212 server and/or the client 214, and entirely by the server 212 or entirely by the client 214, with or without access to external databases. In another implementation, the server 212 and/or the client 214 components can be distributed across two or more computing devices connected by a network, shared memory or other suitable means of sharing information.

[0039] Referring to FIG. 4, a flow chart is shown illustrating a process 400 for providing landmark-enhanced directions to a user. The system receives a request (e.g., via user the user interface 228) for directions from an initial location to a final location (step 402). For example, the initial location can be initial location 116 shown in FIG. 2,

and the final location can be final location 128. In one implementation, the initial location is the current location of the user, which can either be specified by the user, or determined by a device or a process. In another location, the initial location is specified by the user and is unrelated to the current location of the user. The system provides the initial and final locations 116, 128 to a process for providing directions. In response, the process provides the directions to travel a route between the initial and final locations 116, 128 (step 404), landmarks along the route and, optionally, promotional material related to the landmarks (step 406). Directions are provided to the user (e.g., using the user interface component 228) which can include, but is not limited to, a directions view 104 and/or a map view 102 (step 408).

[0040] Referring to FIG. 5, a flow chart is shown illustrating a process 500 for providing promotions to the user. The user interface 228 provides an indication as discussed with reference to FIG. 1 that a promotion is available (step 502). A user indicates to the through the user interface 228 that more information about a promotion is desired (step 504). Step 504 is optional, as the user interface 228 can automatically display the promotion. The promotion is presented to the user through the user interface 228 (step 506). The user can then interact with the promotion in a number of ways (steps 508, 510, 512, 514 and 516). The user can forward the promotion to an email address, an instant messenger, and/or any other suitable communication medium (step 508). The user can also access a web site associated with the promotion (step 510). The user can initiate a consumer transaction (step 512), save the landmark for future reference (step 514), and/or rate the landmark (step 516).

[0041] The invention and all of the functional operations described in this specification can be implemented in digital electronic circuitry, or in computer hardware, firmware, software, or in combinations of them. Apparatus of the invention can be implemented in a computer program product tangibly embodied in a machine-readable storage device for execution by a programmable processor; and method steps of the invention can be performed by a programmable processor executing a program of instructions to perform functions of the invention by operating on input data and generating output.

[0042] The invention can be implemented advantageously in one or more computer programs that are executable on a programmable system including at least one programmable processor coupled to receive data and instructions from, and to transmit data and instructions to, a data storage system, at least one input device, and at least one output device. Each computer program can be implemented in a high-level procedural or object-oriented programming language, or in assembly or machine language if desired; and in any case, the language can be a compiled or interpreted language.

[0043] Suitable processors include, by way of example, both general and special purpose microprocessors. Generally, a processor will receive instructions and data from a read-only memory and/or a random access memory. Generally, a computer will include one or more mass storage devices for storing data files; such devices include magnetic disks, such as internal hard disks and removable disks; a magneto-optical disks; and optical disks. Storage devices suitable for tangibly embodying computer program instruc-

tions and data include all forms of non-volatile memory, including by way of example semiconductor memory devices, such as EPROM, EEPROM, and flash memory devices; magnetic disks such as internal hard disks and removable disks; magneto-optical disks; and CD-ROM disks. Any of the foregoing can be supplemented by, or incorporated in, ASICs (application-specific integrated circuits).

[0044] To provide for interaction with a user, the invention can be implemented on a computer system having a display device such as a monitor or LCD screen for displaying information to the user and a keyboard and a pointing device such as a mouse or a trackball by which the user can provide input to the computer system. The computer system can be programmed to provide a graphical user interface through which computer programs interact with users.

[0045] Certain features which, for clarity, are described in this specification in the context of separate embodiments, may also be provided in combination in a single embodiment. Conversely, various features which, for brevity, are described in the context of a single embodiment, may also be provided in multiple embodiments separately or in any suitable subcombination. Moreover, although features may be described above as acting in certain combinations and even initially claimed as such, one or more features from a claimed combination can in some cases be excised from the combination, and the claimed combination may be directed to a subcombination or variation of a subcombination.

[0046] A number of implementation of the invention have been described. Nevertheless, it will be understood that various modifications may be made without departing from the spirit and scope of the invention. For example, the steps of the invention can be performed in a different order and still achieve desirable results. Accordingly, other implementations are within the scope of the following claims.

What is claimed is:

- 1. A computer-implemented method, comprising:
  - receiving a request for directions from an initial location to a final location;
  - determining a route from the initial location to the final location;
  - determining one or more landmarks based on the route and
  - providing directions for traveling the route from the initial location to the final location, the directions including a reference to the one or more landmarks.
- 2. The method of claim 1, where the determining one or more landmarks comprises:
  - providing information to a server and receiving one or more landmarks from the server.
- 3. The method of claim 1, where the one or more landmarks is a branded reference point.
- 4. The method of claim 3, where the branded reference point includes one or more of the following: a place of business, a commercial sign, or an advertisement.
- 5. The method of claim 1, where the request is received from a user and the initial location is a current location of the user.

6. The method of claim 1, where the request is received from a location-aware device and the initial location is the current location of the location-aware device.

7. The method of claim 1, further comprising:

receiving a query;

performing a search based on the query, where a search result comprises the final location.

8. The method of claim 1, where the final location is a name of a physical location referring to one of: a place, a geographic area, an event, or a historical site.

9. The method of claim 1, where the directions include one or more of the following: step-by-step instructions for traveling the route from the initial location to the final location or a graphical representation of a map identifying the route from the initial location to the final location.

10. The method of claim 1, where providing directions comprises providing one or more of the following: voice prompt directions or an animated map.

11. The method of claim 1, further comprising:

providing promotional information associated with the one or more landmarks.

12. The method of claim 11, further comprising one or more of the following:

presenting a web page associated with the promotional material, forwarding the promotional material, or initiating a consumer transaction based on the promotional material.

13. The method of claim 1, where determining the one or more landmarks includes determining a landmark based at least in part on a user profile.

14. The method of claim 1, where determining the one or more landmarks includes selecting a landmark from a plurality of landmarks based on one or more of the following: a rank of the landmark, a rank of a promotion associated with the landmark, a time of day, a date, a relevancy of the landmark, or a relevancy of a promotion associated with the landmark.

15. A system comprising:

an interface component configured to:

receive a request for directions from an initial location to a final location; and

provide directions to travel a route from the initial location to the final location;

a route determination component configured to:

determine a route between the initial location and the final location, the route including one or more direction points;

determine a landmark located near a first direction point of the one or more direction points;

generate directions to travel the route from the initial location to the final location, the directions including a reference to the landmark.

16. The system of claim 15, where the landmark includes one or more of the following: a place of business, a commercial sign or an advertisement, and the route determination component is further configured to:

determine a geographic location corresponding to the final location.

17. The system of claim 15, where the interface component configured to provide directions is configured to provide one or more of the following: a graphical display of a map including the route and the one or more landmarks identified on the map or step-by-step directions for traveling the route from the initial location to the final location including a reference to the one or more landmarks.

18. The system of claim 15, where:

the interface component is further configured to:

provide promotional information associated with the one or more landmarks; and

the route determination component is further configured to:

obtain promotional information associated with the one or more landmarks.

19. The system of claim 18, where the interface component configured to provide promotional information is further configured to include a link to a web page associated with the promotional material.

20. A computer-implemented method, comprising:

receiving an initial location and a final location;

determining a plurality of routes between the initial location and the final location;

for each of the plurality of routes, determining one or more landmarks at one or more direction points included in the route; and

selecting a route from the plurality of routes, the selecting based on the determined one or more landmarks for each of the plurality of routes.

21. The method of claim 20, where the selecting comprises:

choosing a route from the plurality of routes, the route having a greatest number of landmarks of the plurality of routes.

22. The method of claim 20, further comprising:

receiving a specified type of landmark;

where the selecting comprises choosing a route from the plurality of routes, the route having a greatest number of landmarks of the specified type.

\* \* \* \* \*