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(54) **LOCAL ENVIRONMENT BASED WAGERING**

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Sep. 15, 2008, now Pat. No. 8,216,072.

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**G06F 17/00** (2006.01)

(52) **U.S. Cl.**  
USPC ..... **463/42; 462/28**

(58) **Field of Classification Search**  
USPC ..... 463/28, 42  
See application file for complete search history.

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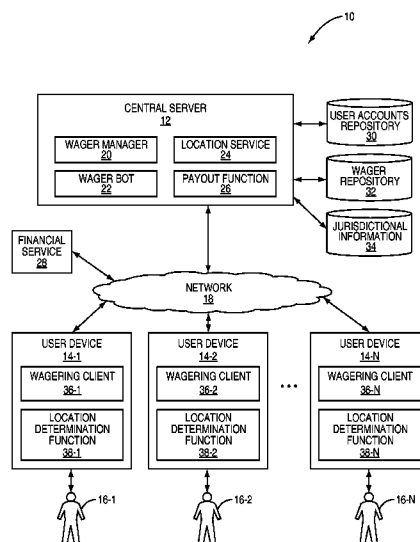
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(57) **ABSTRACT**

A system and method are disclosed for providing location-  
based wagering. In one embodiment, wagerable data associ-  
ated with a location of a first user is identified. The wagerable  
data may be any type of data on which a wager may be based.  
Then, a wager recommendation is generated based on the  
wagerable data and returned to the first user. The first user  
defines a wager, and the wager is published to one or more  
second users located in proximity to the first user. Each of the  
one or more second users is enabled to accept the wager if  
desired. In addition, one or more winners and one or more  
losers of the wager may be identified and payout may then be  
effected.

**25 Claims, 4 Drawing Sheets**



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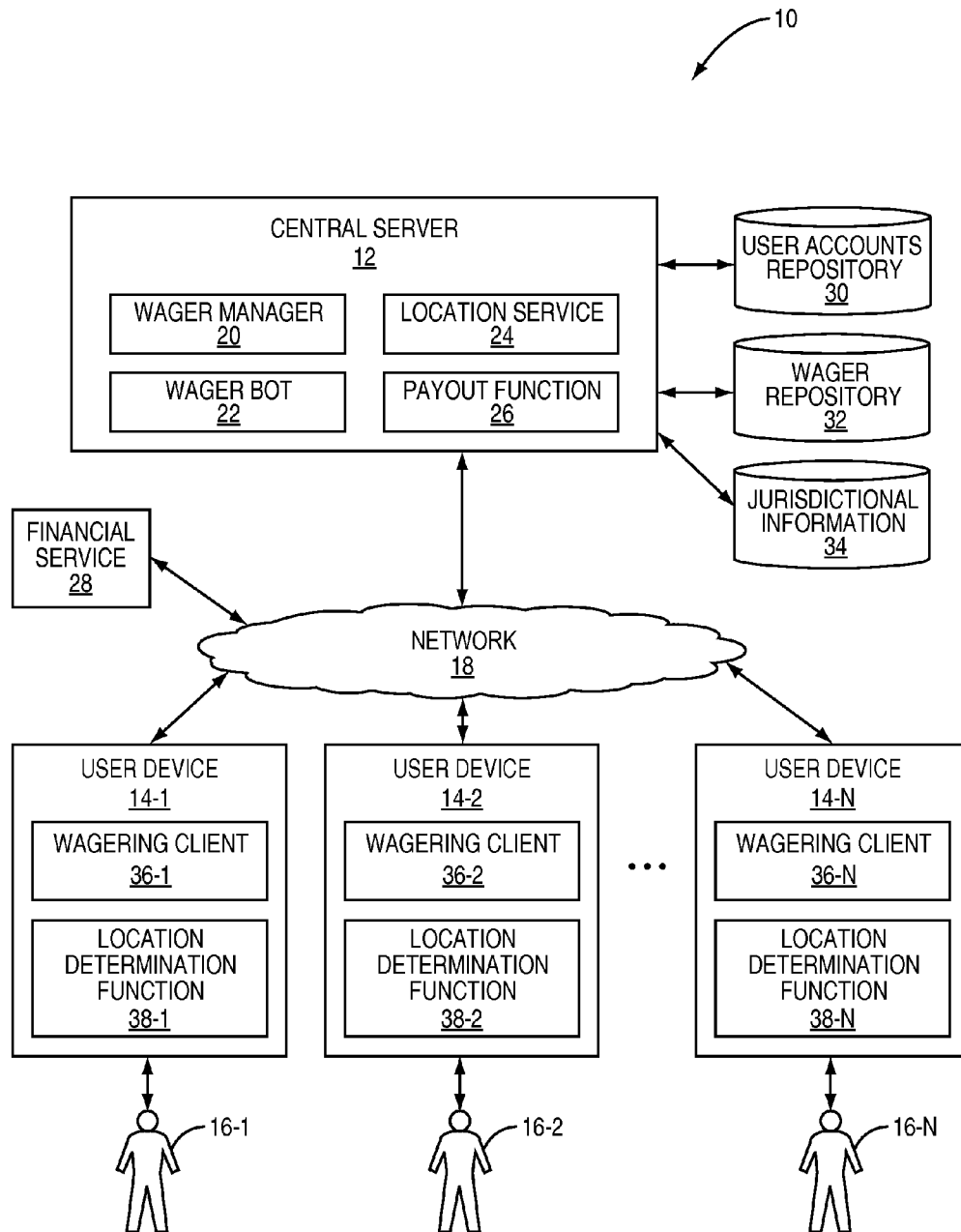
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**FIG. 1**

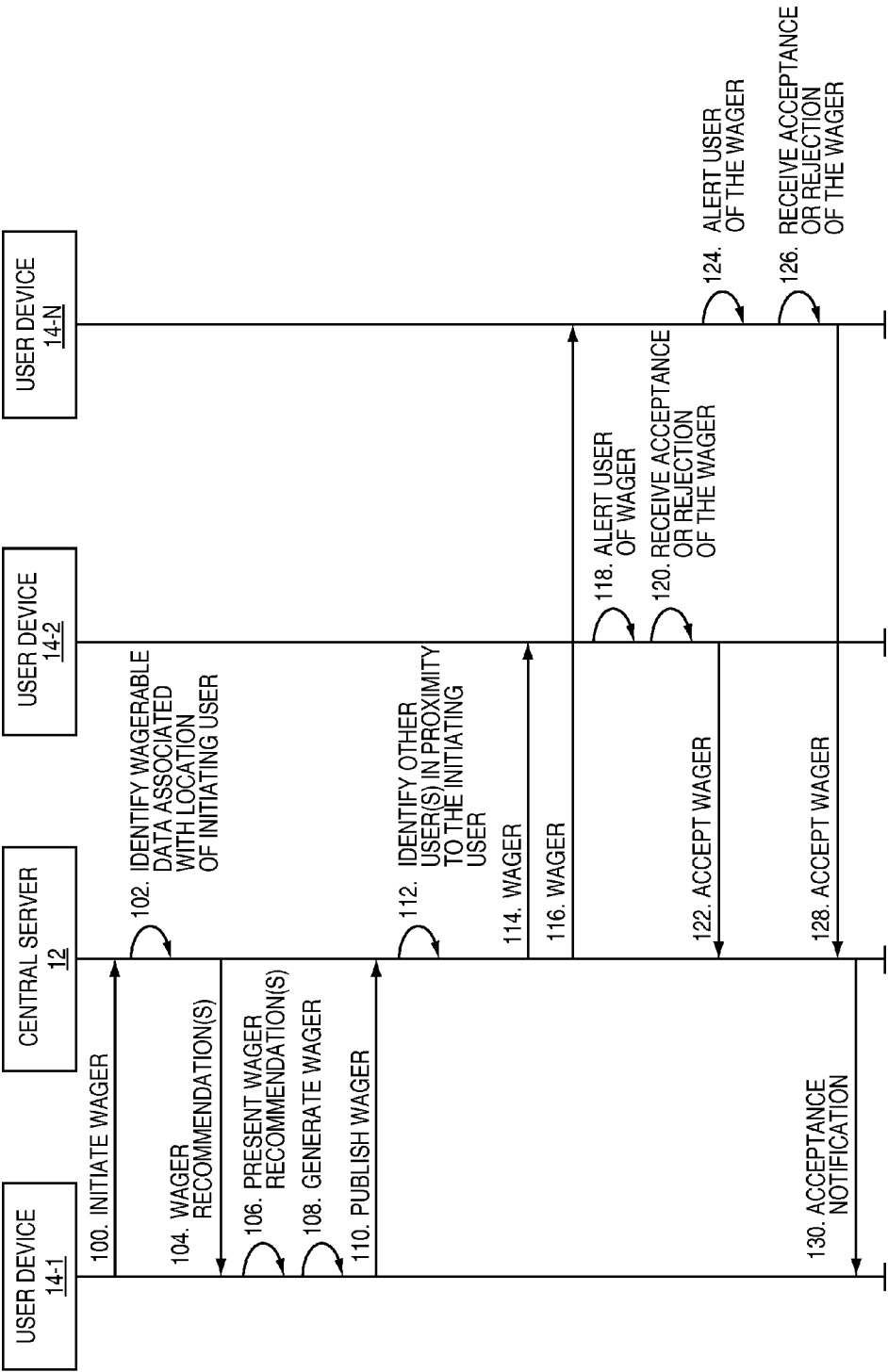
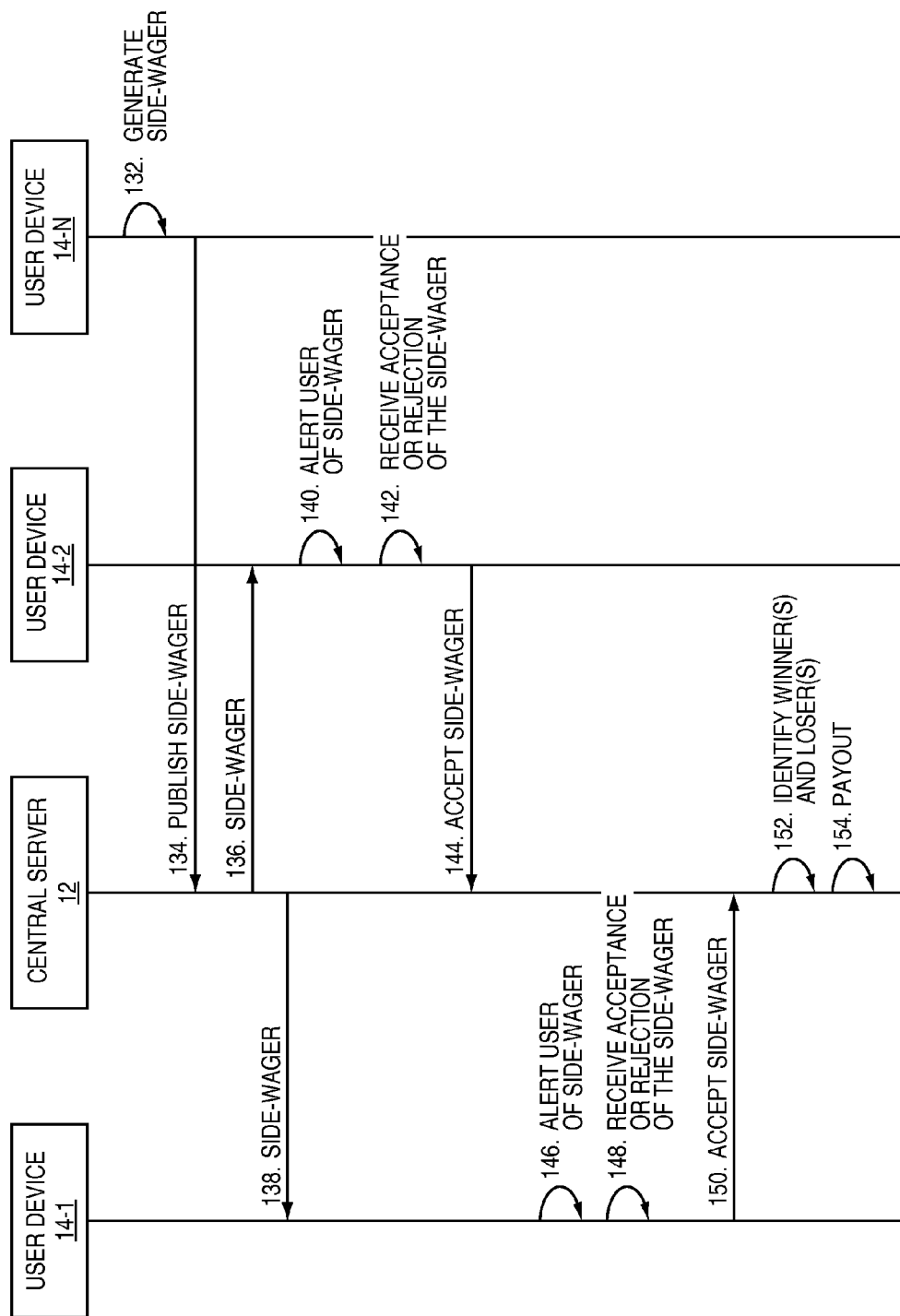


FIG. 2A



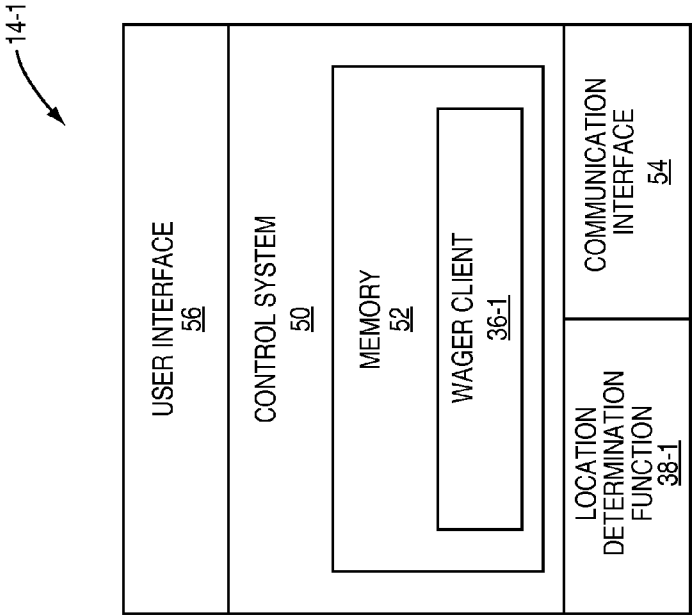


FIG. 4

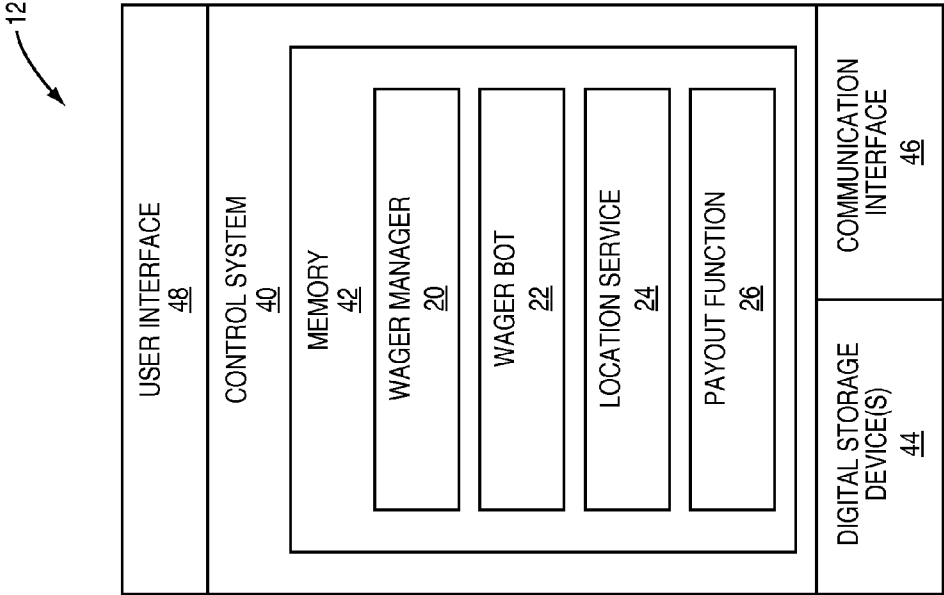


FIG. 3

## LOCAL ENVIRONMENT BASED WAGERING

## RELATED APPLICATIONS

This application is a continuation of U.S. patent application Ser. No. 12/210,814, entitled "Local Environment Based Wagering," which was filed on Sep. 15, 2008 and issued on Jul. 10, 2012 as U.S. Pat. No. 8,216,072, and is hereby incorporated herein by reference in its entirety.

## FIELD OF THE INVENTION

The present invention relates to personal location-based wagering.

## BACKGROUND OF THE INVENTION

Wagering is a popular pastime. However, establishing a wager is typically a manual process in that a person must first identify a topic for the wager and then identify another person or person(s) that desire to accept the wager. Particularly in some environments, this may be a time-consuming process. As such, there is a desire for a system and method that enables users to quickly and easily participate in wagers.

## SUMMARY OF THE INVENTION

The present invention relates to location-based wagering. In one embodiment, wagerable data associated with a location of a first user is identified. The wagerable data may be any type of data on which a wager may be based. For example, the wagerable data may be a wagerable event such as, but not limited to, a sporting event, a weather forecast for the location of the first user, information forming the basis for a trivia question related to the location of the first user, or the like. Then, a wager recommendation is generated based on the wagerable data and returned to the first user. The first user defines a wager, and the wager is published to one or more second users located in proximity to the first user. Each of the one or more second users is enabled to accept the wager if desired. In addition, one or more winners and one or more losers of the wager may be identified and payout may then be effected.

Those skilled in the art will appreciate the scope of the present invention and realize additional aspects thereof after reading the following detailed description of the preferred embodiments in association with the accompanying drawing figures.

## BRIEF DESCRIPTION OF THE DRAWING FIGURES

The accompanying drawing figures incorporated in and forming a part of this specification illustrate several aspects of the invention, and together with the description serve to explain the principles of the invention.

FIG. 1 illustrates a system enabling personal location-based wagering according to one embodiment of the present invention;

FIGS. 2A and 2B illustrate the operation of the system of FIG. 1 according to one embodiment of the present invention;

FIG. 3 is a block diagram of the central server of FIG. 1 according to one embodiment of the present invention; and

FIG. 4 is a block diagram of one of the user devices of FIG. 1 according to one embodiment of the present invention.

## DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

The embodiments set forth below represent the necessary information to enable those skilled in the art to practice the invention and illustrate the best mode of practicing the invention. Upon reading the following description in light of the accompanying drawing figures, those skilled in the art will understand the concepts of the invention and will recognize applications of these concepts not particularly addressed herein. It should be understood that these concepts and applications fall within the scope of the disclosure and the accompanying claims.

FIG. 1 illustrates a system 10 enabling personal location-based wagering according to one embodiment of the present invention. In general, the system 10 includes a central server 12 and a number of user devices 14-1 through 14-N having associated users 16-1 through 16-N. The central server 12 and the user devices 14-1 through 14-N are connected via a network 18. The network 18 is preferably a global network such as, for example, the Internet. However, the present invention is not limited thereto. The network 18 may be any type of Wide Area Network (WAN), Local Area Network (LAN), or the like, or any combination thereof. Further, the network 18 may include wired components, wireless components, or both wired and wireless components. Note that while only one central server 12 is shown, the system 10 may include any number of one or more central servers 12 for purposes of load-balancing and redundancy.

The central server 12 includes a wager manager 20, a wager bot 22, a location service 24, and a payout function 26, each of which may be implemented in software, hardware, or a combination thereof. The wager manager 20 generally operates to control the wagering process. The wager bot 22 searches one or more remote network sources for wagerable data. The one or more remote network sources searched by the wager bot 22 are preferably network sources connected to the central server 12 via a global network such as, for example, the Internet or World Wide Web (WWW). However, the present invention is not limited thereto. The wagerable data identified by the wager bot 22 may be wagerable events such as, for example, sporting events; weather related data such as a weather forecast; information forming the basis for trivia questions; or the like. Alternatively, the wagerable data may be provided to, for example, the user 16-1 to enable the user 16-1 to define a desired wager.

The identified wagerable data may then be utilized by the wager manager 20 to generate recommended wagers for the users 16-1 through 16-N as desired. For instance, if the wagerable data is a sporting event, the wager manager 20 may generate one or more wager recommendations such as, for example, a recommendation to wager on which team will win the sporting event, a recommendation to wager on a final score of the sporting event, a recommendation to wager on whether a specific player will score within a defined amount of time, or the like. Similarly, if the wagerable data is information forming the basis for one or more trivia questions, the wager manager 20 may generate one or more wager recommendations such as, for example, a recommendation to wager on whether other users know the answer to a trivia question, a recommendation to wager on whether the user knows the answer to the trivia question, a recommendation to wager on whether the user knows the answers to more of a set of trivia questions than other users, or the like.

The location service 24 generally operates to track the geographic locations of the users 16-1 through 16-N. More specifically, in one embodiment, the user devices 14-1

through 14-N are location-aware devices, and the locations of the user devices 14-1 through 14-N are utilized as the locations of the users 16-1 through 16-N. The location service 24 may periodically request the locations of the user devices 14-1 through 14-N from the user devices 14-1 through 14-N. Alternatively, the user devices 14-1 through 14-N may periodically provide their locations to the location service 24, provide updates to their locations to the location service 24 as needed, or the like.

The payout function 26 operates to exchange money or points, or virtual chips, once winners and losers of wagers are determined. In one embodiment, the wager manager 20 is jurisdictionally aware such that monetary wagers are only permitted when the users involved in the wager are located within a jurisdiction that allows monetary wagers. In order to perform the payout for a monetary wager, the payout function 26 may credit financial account(s) of the winner(s) of the wager and debit the financial account(s) of loser(s) of the wager according to the terms of the wager. Note that financial accounts for the users 16-1 through 16-N may be maintained by a third-party financial service 28 such as, for example, PayPal. However, the present invention is not limited thereto. Further, some jurisdictions that allow monetary wagers also impose a tax such as, for example, a 20% tax on winnings. As such, when settling a monetary wager in such a jurisdiction, the payout function 26 may withhold the tax for payment to the appropriate governmental entity before paying the winner(s) of the wager.

When the users involved in a wager are located within a jurisdiction that does not allow monetary wagers, points or virtual chips may be used instead of money. As such, once a wager is complete, the payout function 26 operates to exchange points between the winner(s) and loser(s) of the wager. In one embodiment, for at least a subset of the users 16-1 through 16-N, point totals are maintained. The points totals may be included in user accounts of the users 16-1 through 16-N stored in a user accounts repository 30. As such, when a non-monetary wager is made, the payout function 26 may exchange points by adding and subtracting points from corresponding point totals maintained for winner(s) and loser(s) of the wager according to the terms of the wager. As one exemplary alternative, the points totals for the users 16-1 through 16-N may be maintained by a third-party service. As such, the payout function 26 may instruct the third-party service to add or subtract points from the points totals of the users 16-1 through 16-N as needed.

The user accounts repository 30 includes a user account for each of the users 16-1 through 16-N. In one embodiment, the user accounts for the users 16-1 through 16-N may be created in response to registration of the users 16-1 through 16-N with the central server 12. Using the user 16-1 as an example, the user account of the user 16-1 includes information identifying a location of the user 16-1. Again, the location of the user 16-1 is obtained by the location service 24. In addition, the user account of the user 16-1 may include financial information enabling the payout function 26 to debit or credit a financial account of the user 16-1 when paying out a wager. For example, the financial information may include a financial account number of the user 16-1 at the financial service 28. Using the financial account number, the payout function 26 may credit or debit the financial account of the user 16-1 at the financial service 28 as needed. In addition to or as an alternative to the financial information, the user account of the user 16-1 may include a points value, or virtual chip value, for the user 16-1 which may be used for non-monetary wagers. Note that, in one embodiment, points may be redeemed by the user 16-1 for goods or services. For example, a particular

pizza vendor may provide ten (10) points to the users 16-1 through 16-N and provide that any user that accumulates one hundred (100) points may redeem the one hundred (100) points for a free pizza.

The user account of the user 16-1 may also include user preferences. As an example, the user 16-1 may define a user preference saying that the user 16-1 is to be alerted only of sports-related wagers. As another example, the user 16-1 may define a user preference defining times at which the user 16-1 is or is not to be alerted of wagers. For example, the user 16-1 may define a user preference stating that the user 16-1 is to be alerted of wagers only from 5 PM-7 PM on Monday through Friday and anytime on Saturday or Sunday, or that the user 16-1 is not to be alerted of wagers from 8 AM-5 PM on Monday through Friday. As a final example, the user 16-1 may define user preferences such that the user 16-1 is only to be alerted of non-monetary wagers.

A wager repository 32 is maintained by the central server 12. The wager repository 32 may be hosted by the central server 12 or by a remote storage device. The wager repository 32 includes a wager definition for each active wager made through the central server 12. A wager definition for a wager may include, for example, information defining terms of the wager, information identifying a user that created the wager, and information identifying one or more users that took the wager. The terms of the wager include information identifying a subject matter of the wager (e.g., that team A will beat team B), information defining a monetary value or point value for the wager, information defining a total exposure of the creator of the wager or a maximum number of other users that may accept the wager, or the like. The information defining the subject matter of the wager may vary depending on the particular wager. For example, if the wager is that a specific player participating in a sporting event will score in the next fifteen (15) minutes, then the information defining the subject matter of the wager may include information identifying the sporting event, information identifying the specific player, information identifying the time period (e.g., start time and end time) for the wager, and information stating that the wager is that the specific player will score within the identified time period.

Jurisdictional information 34 includes information defining jurisdictions and whether monetary wagering is permissible in those jurisdictions. In the United States, the jurisdictions may be each of the fifty states. In addition, for jurisdictions allowing monetary wagering, the jurisdictional information may include any requirements or limitations placed on monetary wagers such as, for example, a tax rate to be applied to winnings from monetary wagers.

Each of the user devices 14-1 through 14-N is preferably a portable device having network capabilities such as, for example, a mobile smart phone. One exemplary mobile smart phone that may be used for the present invention is an Apple® iPhone. However, the present invention is not limited thereto. Other types of devices such as, but not limited to, personal computers may be used. The user devices 14-1 through 14-N include wagering clients 36-1 through 36-N and location determination functions 38-1 through 38-N, respectively. Using the user device 14-1 as an example, the wagering client 36-1 may be implemented in software, hardware, or a combination thereof. In general, the wagering client 36-1 enables the user 16-1 to create wagers, be alerted of wagers of other users, and accept wagers of other users. In addition, the wagering client 36-1 may respond to location requests from the location service 24 of the central server 12. Alternatively, the wagering client 36-1 may periodically report the location



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of the user device **14-1** to the location service **24** or provide location updates to the location service **24** as needed.

The location determination function **38-1** may be implemented in software, hardware, or a combination thereof. In one embodiment, the location determination function **38-1** is a Global Positioning System (GPS) receiver. In another embodiment, the user device **14-1** is a mobile smart phone, and the location of the user device **14-1** is determined using base station triangulation. In yet another embodiment, the user **16-1** may manually enter the location of the user **16-1**. Note that these exemplary embodiments of the location determination function **38-1** are not intended to limit the scope of the present invention. Other embodiments of the location determination function **38-1** will be apparent to one of ordinary skill in the art upon reading this disclosure and are to be considered within the scope of the present invention.

FIGS. 2A and 2B illustrate the operation of the system **10** of FIG. 1 according to one embodiment of the present invention. First, the user device **14-1** communicates with the wager manager **20** of the central server **12** to initiate a wager (step **100**). More specifically, in this example, the user **16-1** may interact with the wagering client **36-1** of the user device **14-1** to request initiation of a wager. In response, the wagering client **36-1** may communicate with the wager manager **20** to initiate a wager. The wager manager **20** of the central server **12** then utilizes the wager bot **22** to identify wagerable data associated with a current geographic location of the user **16-1** (step **102**). The wagerable data may be one or more wagerable events such as, for example, one or more sporting events being played at or near the location of the user; a weather forecast for the location of the user; wagerable information forming the basis of one or more trivia questions related to the location of the user; or the like.

More specifically, the wager manager **20** may first obtain the location of the user **16-1** from user account of the user **16-1**. As discussed above, the location service **24** of the central server **12** obtains the locations of the users **16-1** through **16-N** and stores their locations in corresponding user accounts in the user accounts repository **30**. Alternatively, when initiating the wager, the wagering client **36-1** of the user device **14-1** may provide the location of the user **16-1** to the wager manager **20**. Once the location of the user **16-1** is obtained, the wager manager **20** provides the location of the user **16-1** to the wager bot **22**. In response, the wager bot **22** of the central server **12** searches one or more network sources to identify wagerable data associated with the location of the user **16-1** and returns the wagerable data to the wager manager **20**. The wager manager **20** then generates one or more wager recommendations based on the wagerable data and sends the one or more wager recommendations to the wagering client **36-1** of the user device **14-1** (step **104**).

As an example, a sporting event occurring at or near the location of the user **16-1** may be identified as a wagerable event. The wager manager **20** may then generate one or more wager recommendations such as, for example, a recommendation that the user **16-1** wager on a final score of the sporting event, a recommendation that the user **16-1** wager on which team will win the sporting event, a recommendation that the user **16-1** wager on which player will score next during the sporting event, a recommendation that the user **16-1** wager on whether a particular player will score next in the sporting event, or the like. As another example, a weather forecast for the location of the user **16-1** may be identified as a wagerable data. Based on the weather forecast, the wager manager **20** may then generate one or more wager recommendations such as, for example, a recommendation to wager on whether it

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will begin raining in the next thirty minutes, a recommendation to wager on whether it will stop raining in the next thirty minutes, or the like.

As a final example, information providing a basis for one or more trivia questions related to the location of the user **16-1** may be identified as the wagerable data. Based on this information, the wager manager **20** may then generate one or more trivia questions related to the location of the user **16-1**. For example, the wagerable data may be that the American Idol singer David Cook was born in Houston, Tex. The wager manager **20** may then generate the trivia question: "Where was American Idol singer David Cook born?". Based on the one or more trivia questions, the wager manager **20** may then recommend a wager that the user **16-1** knows the answer to a trivia question where the user **16-1** is not enabled to preview the trivia question prior to making the wager, recommend a wager that other users do or do not know the answer to a trivia question where the other users are not enabled to preview the trivia question prior to accepting the wager, recommend a wager that the user **16-1** knows the answers to more of a set of trivia questions than other users accepting the wager, or the like.

Upon receiving the wager recommendations, the wagering client **36-1** of the user device **14-1** presents the wager recommendations to the user **16-1** (step **106**). Then, based on user input from the user **16-1**, the wagering client **36-1** of the user device **14-1** generates a wager (step **108**). More specifically, the user **16-1** may provide input selecting a desired one of the wager recommendations and then define additional terms for the wager such as, for example, a monetary value or point value for the wager, a maximum exposure of the user **16-1** in terms of maximum dollar to point value or maximum number of other users than may accept the wager, or the like. In addition, if relevant, the user **16-1** may define a time period for the wager. The time period may be relevant if, for example, the wager is whether a particular player in a sporting event will score in the next fifteen (15) minutes. In addition, the user **16-1** may define a time-period during which other users may accept the wager. For example, the user **16-1** may define a five (5) minute time period during which other users may accept the wager and after which the wager will be closed. Lastly, the user **16-1** may define a maximum distance such that only other users located within the maximum distance from the user **16-1** will be alerted of the wager. Note that the above terms for the wager are exemplary and not intended to limit the scope of the present invention. The number and types of terms for the wager will vary depending on the specifics of the wager.

In an alternative embodiment, rather than generating and sending wager recommendations to the wagering client **36-1** of the user device **14-1**, the wager manager **20** of the central server **12** may provide the wagerable data, or some subset thereof, to the wagering client **36-1** of the user device **14-1**. For example, if the wagerable data includes a number of wagerable events, the wager manager **20** may send all of the wagerable events or one or more select ones of the wagerable events to the wagering client **36-1** of the user device **14-1**. The select ones of the wagerable events may be selected based on one or more system-defined rules or based on the user preferences of the user **16-1**. Then, the user **16-1** may select one of the wagerable events and define a wager for that wagerable event.

Once the wager is generated, the wagering client **36-1** of the user device **14-1** sends the wager to the wager manager **20** of the central server **12** for publication (step **110**). The wager manager **20** of the central server **12** then identifies other users located in proximity to the user **16-1** (step **112**) and publishes

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the wager to user devices of the identified users, which in this example are the user devices **14-2** and **14-N** (steps **114** and **116**). In one embodiment, the wager defines a maximum distance, and the other users are users located within the maximum distance from the user **16-1**. If no maximum distance is defined, a default maximum distance may be used. Note that numerous alternative schemes for determining whether other users are proximate to the user **16-1** will be apparent to one of ordinary skill in the art upon reading this disclosure and are to be considered within the scope of the present invention.

In response to receiving the wager, the wagering client **36-2** of the user device **14-2** alerts the user **16-2** of the wager (step **118**). For example, if the user device **14-2** is a mobile smart phone, the user device **14-2** may alert the user **16-2** by beeping, vibrating, displaying a message, or the like. The user **16-2** may then review the wager and choose whether to accept the wager. The wagering client **36-2** then receives user input corresponding to an acceptance or rejection of the wager from the user **16-2** (step **120**). In this example, the user **16-2** accepts the wager. As such, the wagering client **36-2** communicates with the wager manager **20** of the central server **12** to accept the wager on behalf of the user **16-2** (step **122**). Likewise, in response to receiving the wager, the wagering client **36-N** of the user device **14-N** alerts the user **16-N** of the wager (step **124**). For example, if the user device **14-N** is a mobile smart phone, the user device **14-N** may alert the user **16-N** by beeping, vibrating, displaying a message, or the like. The user **16-N** may then review the wager and choose whether to accept the wager. The wagering client **36-N** then receives user input corresponding to an acceptance or rejection of the wager from the user **16-N** (step **126**). In this example, the user **16-N** accepts the wager. As such, the wagering client **36-N** communicates with the wager manager **20** of the central server **12** to accept the wager on behalf of the user **16-N** (step **128**).

In this example, the wager manager **20** of the central server **12** then sends a notification to the wagering client **36-1** of the user device **14-1** to notify the user **16-1** that the users **16-2** and **16-N** have accepted the wager (step **130**). In one embodiment, once the users **16-2** and **16-N** have accepted the wager, the wager is complete. In another embodiment, the user **16-1** may be presented with a list of the other users **16-2** and **16-N** that have accepted his wager and may be enabled to finalize the wager by allowing the wager with all of the other users **16-2** and **16-N** that have accepted the wager, terminate the wager with all of the other users **16-1** and **16-N** that have accepted the wager, or terminate the wager with one or more of the other users **16-2** and **16-N** that have accepted the wager. If the user **16-1** is enabled to terminate the wager with all or some of the other users that have accepted the wager, the initial wager created by and published on behalf of the user **16-1** may more specifically be referred to as a wager invitation that invites other users to make the wager with the user **16-1**. Then, by accepting the wager invitation, the users **16-2** and **16-N** offer the wager to the user **16-1**. The user **16-1** may then choose to accept or reject the wagers from the users **16-2** and **16-N**.

In this example, in addition to accepting the wager, the user **16-N** interacts with the wagering client **36-N** to define a side-wager. In response, the wagering client **36-N** generates the side-wager (step **132**). The side-wager is a wager associated with the wager created by the user **14-1**. For example, if the wager created by the user **14-1** is a wager on which of two sports teams will win a sporting event, the side-wager may be which player will score the most points in the sporting event, which player will score the most points over a defined period

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of time, or the like. The wagering client **36-N** then sends the side-wager to the wager manager **20** of the central server **12** for publication (step **134**). The wager manager **20** of the central server **12** then sends the side-wager to the user devices **14-2** and **14-1** of the other users **16-2** and **16-1** participating in the wager created by the user **14-1** (steps **136** and **138**).

In response to receiving the side-wager, the wagering client **36-2** alerts the user **16-2** of the side-wager (step **140**). The user **16-2** may then review the side-wager and choose whether to accept the side-wager. The wagering client **36-2** then receives user input corresponding to an acceptance or rejection of the side-wager from the user **16-2** (step **142**). In this example, the user **16-2** accepts the side-wager. As such, the wagering client **36-2** communicates with the wager manager **20** of the central server **12** to accept the side-wager on behalf of the user **16-2** (step **144**). Likewise, in response to receiving the side-wager, the wagering client **36-1** alerts the user **16-1** of the side-wager (step **146**). The user **16-1** may then review the side-wager and choose whether to accept the side-wager. The wagering client **36-1** then receives user input corresponding to an acceptance or rejection of the side-wager from the user **16-1** (step **148**). In this example, the user **16-1** accepts the side-wager. As such, the wagering client **36-1** communicates with the wager manager **20** of the central server **12** to accept the side-wager on behalf of the user **16-1** (step **150**). While not illustrated, the user **16-N** may be notified of the other users **16-1** and **16-2** that accepted his side-wager.

At this point, one or more winners and one or more losers for the wager and side-wager are identified by the wager manager **20** of the central server **12** (step **152**). In a first exemplary embodiment, an auto-determination process is performed by the wager manager **20** where the wager manager **20** automatically determines the winner(s) and loser(s) of the wager and side-wager. For example, if the wager is a wager on which of two teams win a sporting event, the wager manager **20** may query a remote source for a final score of the sporting event and then determine the winner of the sporting event. Based on the winner of the sporting event, the wager manager **20** determines the winner(s) and loser(s) of the wager. Further, if the side-wager is whether a specified player will score within a defined period of time, the wager manager **20** may query a remote play-by-play service to determine whether the specified player scored within the defined period of time.

In a second exemplary embodiment, the wagering client **36-1** of the user device **14-1** of the user **16-1** that created the wager may automatically determine the winner(s) and loser(s) of the wager and report the winner(s) and loser(s) to the wager manager **20**. Likewise, the wagering client **36-N** of the user device **14-N** of the user **16-N** that created the side-wager may automatically determine the winner(s) and loser(s) of the side-wager and report the winner(s) and loser(s) to the wager manager **20**. For example, if the wager is which song will be played next on a particular radio station, then the wagering client **36-1** may sample the audio content broadcast on the radio station using, for example, a microphone of the user device **14-1** and identify the next song played on the radio station based on the sample(s) of the audio content. The wagering client **36-1** may then automatically determine the winner(s) and loser(s) of the wager and report the winner(s) and loser(s) to the wager manager **20**.

In a third exemplary embodiment, wagering clients **36-1**, **36-2**, and **36-N** may automatically determine whether the corresponding users **16-1**, **16-2**, and **16-N** won or lost the wager and side-wager using an auto-determination process. For example, if the wager is which song will be played next on a particular radio station, then the wagering clients **36-1**,

36-2, and 36-N may sample the audio content broadcast on the radio station using, for example, microphones of the user devices 14-1, 14-2, and 14-N to identify the next song played on the radio station. The wagering clients 36-1, 36-2, and 36-N may then automatically determine whether their corresponding users 16-1, 16-2, and 16-N won or lost the wager. The wagering clients 36-1, 36-2, and 36-N may then notify the wager manager 20 of whether the users 16-1, 16-2, and 16-N are winners or losers of the wager and side-wager.

In fourth exemplary embodiment, the creator of the wager, which in this example is the user 16-1, and the creator of the side-wager, which in this example is the user 16-N, determine the winner(s) and loser(s) of the wager and side-wager, respectively. The users 16-1 and 16-N may then notify the wager manager 20 of the winners and losers of the wager and side-wager via the corresponding wagering clients 36-1 and 36-N.

In a fifth embodiment, the users participating in the wager and side-wager, which in this example are the users 16-1, 16-2, and 16-N, elect a user to determine the winners and losers of the wager and side-wager. The elected user may be one of the users 16-1, 16-2, and 16-N participating in the wager and side-wager or another user that is not participating in the wager and side-wager. The elected user may then notify the wager manager 20 of the winners and losers of the wager and side-wager via a corresponding user device.

Once the winners and losers of the wager and side-wager are determined, the payout function 26 of the central server 12 operates to exchange money or points between the users 16-1, user 16-2, and 16-N participating in the wager and side-wager (step 154). More specifically, if the wager and side-wager are monetary wagers, the payout function 26 debits and credits financial accounts of the users 16-1, 16-2, and 16-N such that the money is awarded to the winners of the wager and side-wager and paid by the losers of the wager and side-wager. For example, the financial accounts of the users 16-1, 16-2, and 16-N may be maintained by the financial service 28. Note that if the current jurisdiction imposes a tax, the payout function 26 may impose the tax prior to distribution of the money. If the wager and side-wager are wagers for points, or virtual chips, then the payout function 26 may subtract points from total point values maintained for the losers of the wager and side-wager and add points to total point values maintained for the winners of the wager and side-wager.

In an alternative embodiment, if the wager and side-wager are monetary wagers, then the determination of the winner(s) and loser(s) of the wager and side-wager and/or payout may be performed outside of the system 10. For instance, the users 16-1, 16-2, and 16-N may arrange a place and time to meet to determine the winners and losers of the wager and side-wager and to exchange money accordingly.

FIG. 3 is a block diagram of the central server 12 according to one embodiment of the present invention. In general, the central server 12 includes a control system 40 having associated memory 42. In this example, the wager manager 20, the wager bot 22, the location service 24, and the payout function 26 are implemented in software and stored in the memory 42. However, the present invention is not limited thereto. Each of the wager manager 20, the wager bot 22, the location service 24, and the payout function 26 may be implemented in software, hardware, or a combination thereof. Further, while the wager manager 20, the wager bot 22, the location service 24, and the payout function 26 are illustrated separately, any two or more of the wager manager 20, the wager bot 22, the location service 24, and the payout function 26 may be combined into a single software and/or hardware application. The central server 12 may also include one or more digital storage

devices 44. In one embodiment, the user accounts repository 30, the wager repository 32, and/or the jurisdictional information 34 are stored in the one or more digital storage devices 44. However, the present invention is not limited thereto. The central server 12 also includes a communication interface 46 communicatively coupling the central server 12 to the network 18 (FIG. 1). Lastly, the central server 12 may include a user interface 48, which may include components such as, for example, a display, one or more user input devices, or the like.

FIG. 4 is a block diagram of the user device 14-1 of FIG. 1 according to one embodiment of the present invention. This discussion is equally applicable to the other user devices 14-2 through 14-N. In general, the user device 14-1 includes a control system 50 having associated memory 52. In this example, the wagering client 36-1 is implemented in software and stored in the memory 52, and the location determination function 38-1 is implemented in hardware (e.g., GPS receiver) and connected to the control system 50. However, the present invention is not limited thereto. Each of the wagering client 36-1 and the location determination function 38-1 may be implemented in software, hardware, or a combination thereof. The user device 14-1 also includes a communication interface 54 communicatively coupling the user device 14-1 to the network 18 (FIG. 1). Lastly, the user device 14-1 includes a user interface 56, which includes components such as, for example, a display, one or more user input devices, or the like.

Those skilled in the art will recognize improvements and modifications to the preferred embodiments of the present invention. All such improvements and modifications are considered within the scope of the concepts disclosed herein and the claims that follow.

What is claimed is:

1. A method of operation of a central server comprising:
  - identifying wagerable data associated with a location of a first device;
  - generating a wager recommendation based on the wagerable data;
  - sending the wager recommendation to the first device;
  - receiving a wager invitation for a wager based on the wager recommendation from the first device;
  - identifying at least one other device located in proximity to the first device;
  - publishing the wager invitation to the at least one other device located in proximity to the first device;
  - receiving a response from the at least one other device indicating acceptance of the wager invitation;
  - notifying the first device that the at least one other device has indicated acceptance of the wager invitation; and
  - providing for, based on whether there are a plurality of accepted wager invitations from the at least one other device, the first device to indicate terminating the wager corresponding to one or more of the plurality of accepted wager invitations.

2. The method of claim 1, wherein identifying the wagerable data comprises searching one or more remote network sources for wagerable data associated with the location of the first device.

3. The method of claim 2, wherein the one or more remote network sources are accessible to the central server via a global network.

4. The method of claim 1, wherein the wagerable data is a sporting event, and the wager recommendation is related to the sporting event.

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5. The method of claim 1, wherein the wagerable data is a sporting event associated with a current geographic location of the first device, and the wager recommendation is related to the sporting event.

6. The method of claim 1, further comprising:  
identifying a winner of the wager.

7. The method of claim 6, wherein identifying the winner of the wager comprises automatically determining the winner of the wager at the central server.

8. The method of claim 6, wherein identifying the winner of the wager comprises receiving information identifying the winner of the wager from the first device.

9. The method of claim 6, wherein the wager is a monetary wager, and the method further comprises:

crediting a financial account associated with the winner of the wager; and

debiting a financial account associated with a loser of the wager.

10. The method of claim 9, further comprising:  
imposing a tax based on the jurisdiction of at least one of the first and second devices prior to crediting the financial account associated with the winner of the wager.

11. The method of claim 6, wherein the wager is a non-monetary wager, and the method further comprises:

crediting a total point value maintained for the winner of the wager; and

debiting a total point value maintained for a loser of the wager.

12. The method of claim 1, further comprising:  
receiving a side-wager from the at least one other device, wherein the side wager pertains to the same event but has an independently determinable outcome;  
publishing the side-wager to the first device; and  
receiving a response from the first device indicating acceptance of the side-wager.

13. The method of claim 1, further comprising:  
receiving a side-wager from the first device, wherein the side wager pertains to the same event but has an independently determinable outcome;  
publishing the side-wager to the at least one other device; and

receiving a response from the at least one other device indicating acceptance of the side-wager.

14. The method of claim 13, further comprising:  
identifying a winner of the side-wager.

15. The method of claim 14, wherein identifying the winner of the side-wager comprises receiving information identifying the winner of the side-wager from the first device.

16. The method of claim 1, wherein the wager is only permitted when the first device is located in a jurisdiction that allows monetary wagers, and the at least one other device is located in a jurisdiction that allows monetary wagers.

17. The method of claim 1, further comprising:  
maintaining a wager repository that stores terms of the wager, wherein the terms of the wager include information identifying a subject matter of the wager, information defining a monetary value for the wager, and information defining a total exposure of the wager.

18. The method of claim 1, further comprising:  
receiving terms for the wager from the first device.

19. The method of claim 18, wherein the terms include a monetary value for the wager, a maximum exposure for the wager, and a time period for the wager.

20. The method of claim 1, wherein the wagerable data includes a plurality of wagerable events and the wager recommendation includes a plurality of wagerable events.

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21. The method of claim 20, wherein the wager recommendation only includes wagerable events based on preferences received from the first device.

22. The method of claim 1, further comprising:

receiving, from the first or second device, an identification of a third party that will decide a winner of the wager; and

receiving, from the third party, information identifying the winner of the wager.

23. A central server comprising:

a communication interface communicatively coupling the central server to a plurality of devices; and

a control system associated with the communication interface, and adapted to:

identify wagerable data associated with a location of a first device;

generate a wager recommendation based on the wagerable data;

send the wager recommendation to the first device;

receive a wager invitation for a wager based on the wager recommendation from the first device;

identify at least one other device located in proximity to the first device;

publish the wager invitation to the at least one other device located in proximity to the first device;

receive a response from the at least one other device indicating acceptance of the wager invitation;

notify the first device that the at least one other device has indicated acceptance of the wager invitation; and

provide for, based on whether there are a plurality of accepted wager invitations from the at least one other device, the first device to indicate terminating the wager corresponding to one or more of the plurality of accepted wager invitations.

24. A non-transitory computer readable medium comprising software for instructing a computing device to:

identify wagerable data associated with a location of a first device;

generate a wager recommendation based on the wagerable data;

send the wager recommendation to the first device;

receive a wager invitation for a wager based on the wager recommendation from the first device;

identify at least one other device located in proximity to the first device;

publish the wager invitation to the at least one other device located in proximity to the first device;

receive a response from the at least one other device indicating acceptance of the wager invitation;

notify the first device that the at least one other device has indicated acceptance of the wager invitation; and

provide for, based on whether there are a plurality of accepted wager invitations from the at least one other device, the first device to indicate terminating the wager corresponding to one or more of the plurality of accepted wager invitations.

25. A method of operation of a central server comprising:  
identifying wagerable data associated with a location of a first device;

sending the wagerable data to the first device;

receiving a wager invitation for a wager based on the wagerable data from the first device;

identifying at least one other device located in proximity to the first device;

publishing the wager invitation to the at least one other device located in proximity to the first device;

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receiving a response from the at least one other device  
indicating acceptance of the wager invitation;  
notifying the first device that the at least one other device  
has indicated acceptance of the wager invitation; and  
providing for, based on whether there are a plurality of 5  
accepted wager invitations from the at least one other  
device, the first device to indicate terminating the wager  
corresponding to one or more of the plurality of accepted  
wager invitations.

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