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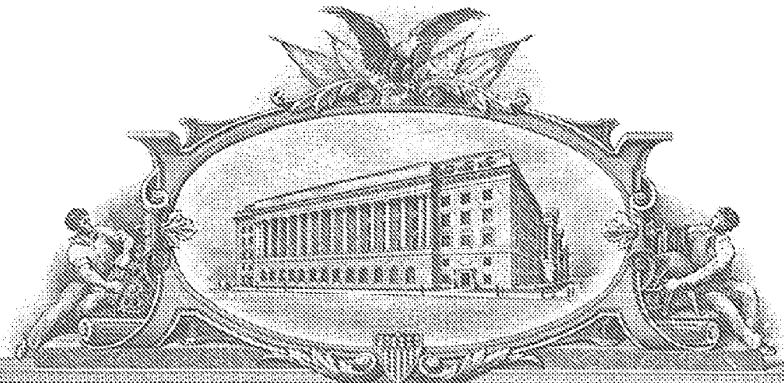
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APPLICATION NUMBER: 60/913,187

FILING DATE: April 20, 2007

RELATED PCT APPLICATION NUMBER: PCT/US08/05062

THE COUNTRY CODE AND NUMBER OF YOUR PRIORITY APPLICATION, TO BE USED FOR FILING ABROAD UNDER THE PARIS CONVENTION, IS US60/913,187



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PROVISIONAL APPLICATION FOR PATENT COVER SHEET – Page 1 of 2

This is a request for filing a PROVISIONAL APPLICATION FOR PATENT under 37 CFR 1.53(c).

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INVENTOR(S)		
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Additional inventors are being named on the _____ separately numbered sheets attached hereto

TITLE OF THE INVENTION (500 characters max):

Mobile Web Community Invitations

Direct all correspondence to: **CORRESPONDENCE ADDRESS**

☒ The address corresponding to Customer Number: 30623

OR

☐ Firm or Individual Name

Address _____

City	State	Zip
Country	Telephone	Email

ENCLOSED APPLICATION PARTS (check all that apply)

☐ Application Data Sheet. See 37 CFR 1.76	☐ CD(s). Number of CDs _____
☒ Drawing(s) Number of Sheets <u>3</u>	☐ Other (specify) _____
☒ Specification (e.g. description of the invention) Number of Pages <u>27</u>	

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METHOD OF PAYMENT OF THE FILING FEE AND APPLICATION SIZE FEE FOR THIS PROVISIONAL APPLICATION FOR PATENT

☒ Applicant claims small entity status. See 37 CFR 1.27.	100.00
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SIGNATURE _____



Date April 20, 2007

TYPED or PRINTED NAME Kyle Turley

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(if appropriate)

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Docket Number: 18358-023

April 20, 2007

5

PROVISIONAL APPLICATION

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FOR

15

UNITED STATES LETTERS PATENT

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SPECIFICATION

25

TO WHOM IT MAY CONCERN:

30 Be it known that **Feyzi Celik**, of HOPKINTON, MA, **Christopher DeGrace**, of CAMBRIDGE, MA, and **Andrea Yanik**, a U.S. Citizen of BOSTON, MA have an invention entitled **MOBILE WEB COMMUNITY INVITATIONS** of which the following description in connection with the accompanying figures is a specification.

MOBILE WEB COMMUNITY INVITATIONS

DETAILED DESCRIPTION

- 5 Embodiments of the invention provide techniques for users of mobile devices to invite and include other users to their web communities (e.g., MySpace and LinkedIn) via their mobile communication devices and/or personal computers. A first user's mobile communication device includes a CommunityLink application that is configured to cause the first user's mobile communication device to provide a prompt to the first user after
- 10 the completion of a call between the first user and a second user. The prompt gives the first user the option to invite the second user to join one or more web communities that the first user is associated with. The first user's communication device sends a message to a service provider if the first user wishes to invite the second user to become associated with the first user's web community. The service provider is configured to determine if
- 15 the second communication device includes the CommunityLink application. The service provider is configured to send a message to the second user's communication device; the format of which varies depending on whether or not the second user's communication device includes the CommunityLink application. The message sent to the second user's communication device is configured to cause the second user's communication device to
- 20 prompt the second user to become associated with the first user's web community. If the second user accepts the invitation, the service provider is configured to send a message to the operator of the web community informing it of the same. Embodiments of the invention are web community agnostic, and can be configured to work with various web communities and/or services. Other embodiments are within the scope of the invention.
- 25 Referring to FIG. 1, a system 10 includes a service provider 15, a server 20, a personal computer 25, and a mobile communication device 30. The service provider 15 is configured to provide mobile communication service to the mobile communication device 30, including voice and/or data service, although other services can also be provided. The service provider 15 is operated by, for example, a voice/data service
- 30 provider such as Verizon Wireless, T-Mobile, Alcatel, and/or Claro. The service provider 15 can provide services to the communication device 30 via one or more protocols such as GSM, TDMA, CDMA, and PDC. The service provider 15 further

includes a network gateway 35. The network gateway 35 is configured to communicate with the server 20 via a network connection such as the Internet, or a point-to-point link (e.g., via a wired and/or wireless connection). The server 20 is configured to host services such as social networking sites/web communities such as MySpace, LinkedIn, Instant Messenger, ICQ, etc., although the server can be configured to host other programs and services as well. The server 20 is configured to communicate with the personal computer 25 via a network connection such as the Internet or a point-to-point link. The personal computer 25 is configured to interface with the server 20 in order to, for example, retrieve web pages, receive and send e-mails, provide voice service, etc. The mobile communication device 30 is configured to provide voice and data services to a user, and is, for example, a cell-phone, a BlackBerry, and/or a PDA. The mobile communication device 30 can be configured to include a SIM card, although other configurations are possible. The mobile communication device 30 is configured to include a CommunityLink application 40 that includes computer readable instructions that are configured to implement the desired functionality within the mobile device 30. The computer readable instructions can be stored in the SIM card, or elsewhere in the mobile communication device 30 (e.g., in a memory contained in the communication device 30).

The mobile communication device 30 is configured to include the CommunityLink application 40. When a user obtains the mobile communication device 30 (or obtains a new SIM card for use with the mobile communication device 30), the application 40 is provided to the mobile communication device automatically (e.g., the first time the mobile communication device 30 is turned on) or at other times (e.g., when the user of the communication device 30 elects to download the application 40. Alternatively, the service provider 15 can be configured to automatically “push” the application 40 to the mobile communication device 40 and/or the mobile communication device 30 can come preloaded with the application 40. The application 40 can also be pushed onto the communication device 30 by a user using the personal computer 25.

The service provider 15 is configured to provide a setup procedure to a user of the mobile communication device 30. The CommunityLink application 40 is configured to prompt the user to select a web community used by the user. For example, the user can

indicate to the application 40 that the user has a MySpace account. The application 40 is configured to prompt the user to input the user's user ID that is associated with the user's web community account (e.g., the user can be prompted to input a MySpace account user ID). The application 40 is configured to send a setup message to the gateway 35 that
5 includes the user ID associated with the user's web community account (e.g., an e-mail address). The gateway 35 is configured to create a unique number (e.g., a hash code) as a function of the Mobile Station Integrated Services Digital Network (MSISDN) number associated with the user's communication device 30. The gateway 35 is configured to send the information associated with the user (e.g., the hash code, the MSISDN, the web
10 community ID, etc.) to the server 20. The physical location of the server 20 can vary depending on the web community selected by the user (e.g., MySpace has a different server system than LinkedIn).

The gateway 35 is configured to relay the information to the server 20 from the communication device 30 using a network connection such as the Internet or a point-to-
15 point connection. The server 20 is configured to use the information relayed by the gateway 35 to provide access to the user's account (e.g., to provide the ability for the user to prompt other users to join the user's web community). The server 20 is configured to send an acknowledgement e-mail to at least one of the user's e-mail addresses indicating that the user attempted to register the communication device 30 with server 20. For
20 example, the server 20 can be configured to send an e-mail to an e-mail address associated with the user that includes an "activation" link (e.g., an HTML link) that the user clicks on in order to complete the setup process. The personal computer 25 is configured such that after the user clicks on the activation link that the personal computer 25 can be configured (e.g., via instructions readable by the personal computer 25) to
25 prompt the user to enter the user's web community username and password (e.g., the user's MySpace username and password). The personal computer 25 can be configured to prompt the user to enter the username and password using information provided by the sever 20 (e.g., a web page hosted by the server 20). The server 20 is configured to send a network packet to the gateway 35. Upon receiving the network packet from the server
30 20, the gateway 35 is configured to create a pointer from the user's unique code (e.g., the hash code) to the user's e-mail address and web community account. The e-mail address

used by the server 20 to send the acknowledgement e-mail to the user can be provided by the user, associated with the user's web community account, or can be obtained from the user via other methods. At least a portion of the setup process can be repeated such that the user can register with multiple web communities. Furthermore, the setup process
5 described above can be accomplished using the personal computer 25 rather than the communication device 30.

Referring to FIG. 2, a sample setup sequence 100 is shown. The sequence 100, however, is exemplary only and not limiting. The sequence 100 may be altered, e.g., by having stages added, removed, altered, or rearranged. At stage 105 an introduction is
10 shown to the user. At stage 110, the user is prompted to input which web community the user is associated with and would like to register with. At stage 115, the user is prompted to input the user's ID that is associated with the selected web community. At stage 120, (e.g., after the network gateway 35 relays the information input by the user to the server 20) the user is prompted to check their e-mail to finish the setup process. Other setup
15 sequences and/or messages are possible.

Referring to FIG. 3, a system 200 includes a service provider 215, a server 220, a personal computer 225, and mobile communication devices 230, 231, 232, 233, 234. The service provider 215, the server 220, and the personal computer 225 are preferably configured in a similar manner as that described above with respect to the service
20 provider 15, the server 20, and the personal computer 25, respectively. Furthermore, the communications device 230, 231, 232, 233, 234 are preferably configured similarly to the communication device 30, but can include other features as described herein. While five of the communication devices are shown, other quantities of communication devices are possible. Furthermore, while a single service provider 215 is shown as providing service
25 to the communication devices 230, 231, 232, 233, 234 multiple service providers 215 can be used. Furthermore, while a single server 220 is shown, other quantities of the server 220 can be used.

The communication devices 230, 231, 232, 233, 234 are configured to include applications that can provide enhanced functionality. In FIG. 3, the communication
30 devices 230, 231, 233, 234 include an application 240, 241, 243, 244, respectively. The communication devices 233, 234 also include an application 253, 254, respectively. The

applications 240, 241, 243, 244 are preferably configured in a manner similar to the application 40, although other configurations are possible. The applications 253, 254 are configured to provide users of the communication devices 233, 234 the ability to semi-automatically share contact information. For example, the applications 253, 254 are
5 configured such that after a communication event (e.g., a phone call, an SMS message, etc.) between the communication devices 233, 234 has concluded, the user of the communication device 233 is prompted to provide the user of the communication device 234 with contact information associated with the user of the communication device 233. Once the user of the communication device 234 receives the contact information
10 associated with the user of the communication device 233, the user of the communication device 234 is prompted to add this information to their contact list, and/or to reply to the user of the communication device 233 with contact information associated with the user of the communication device 234. Exemplary operation and implementations of the applications 253, 254 are described in U.S. Application Nos. 11/625,091, filed 1/19/07,
15 and 11/689,915, filed 3/22/07, both of which are incorporated by reference herein to the extent that these applications are not inconsistent with the present disclosure.

Both communication devices include the CommunityLink application

Embodiments of the invention can be used with communication devices 230, 231 that include the applications 240, 241. While the following discussion assumes that a
20 user of the communication device 230 initiated a voice call to the user of the communication device 231, other scenarios are possible. Application 240 is configured to prompt the user of the communication device 230 (e.g., after the conclusion of a communication event) to invite the user of the communication device 231 to join a web community associated with the user of the communication device 230. The application
25 240 is configured to ask the user of the communication device 230 to select one or more web communities associated with the user of the communication device 230 (e.g., if the user of the communication device 230 is associated with more than one web community) that the user of the communication device 231 can be prompted to join. The application 240 is configured to send a short message service (SMS) message to the gateway 235 that
30 includes information indicating that the user of the communication device 230 wishes to invite the user of the communication device 231 to join a web community. The gateway

235 is configured to check if the communication device 231 includes the application 241. If the communication device 231 includes the application 241 (which is the case in FIG. 3), the gateway 235 sends an SMS message to the communication device 231 that causes the communication device 231 (e.g., via the application 240) to prompt the user of the communication device 231 to join the web community associated with the user of the communication device 230.

The communication device 231 is configured to send an SMS message to the gateway 235 that includes information indicative of the response given by the user of the communication device 230. The gateway 235 is configured to send an SMS message to the server 220 with information indicative of the response given by the user of the communication device 231. For example, if the user of the communication device 231 agrees to join the web community associated with the user of the communication device 230, the gateway 235 sends a message (e.g., a network packet) to the server 220 indicating the same. The server 220 is configured to receive this information and to associate the user of the communication device 230 with the user of the communication device 231 in the web community (e.g., which can be accessed via the personal computer 225). The gateway 235 can be configured to send a message that causes the communication device 230 to provide a message to the user of the communication device 230 that indicates whether the user of the communication device 231 accepted the invitation. The server 220 is configured to send an e-mail to the user of the communication device 230 and/or 231 that indicates that the user of the communication device 231 accepted the invitation sent by the user of the communication device 230. If the user of the communication device 231 is not a member of the web community associated with the user of the communication device 230, the e-mail can prompt the user of the communication device 231 to join the web community associated with the user of the communication device 230.

One communication device includes the CommunityLink application and the other does not

Embodiments of the invention can be used when one communication device includes the desired application (e.g., the communication device 230 includes the application 240) and when the other communication device does not (e.g., the

communication device 232). While the following discussion assumes that a user of the communication device 230 initiated a voice call to the user of the communication device 232, other scenarios are possible. Application 240 is configured to prompt the user (e.g., after the conclusion of a communication event) of the communication device 230 to
5 invite the user of the communication device 232 to join a web community associated with the user of the communication device 230. The application 240 is configured to ask the user of the communication device 230 to select one or more web communities associated with the user of the communication device 230 (e.g., if the user of the communication device 230 is associated with more than one web community) that the user of the
10 communication device 232 can be prompted to join.

The application 240 is configured to send a short message service (SMS) message to the gateway 235 that includes information indicating that the user of the communication device 230 wishes to invite the user of the communication device 232 to join a web community. The gateway 235 is configured to check if the communication
15 device 232 includes an application (e.g., the applications 240, 241, 243, 244). In this example, as the communication device 232 does not include the desired application, the gateway 235 sends an SMS message to the communication device 232 that asks the user of the communication device 232 to respond with an e-mail address associated with the user of the communication device 232 if the user of the communication device 232
20 wishes to join the web community associated with the user of the communication device 230. Preferably, the communication device 232 receives and handles the SMS message sent by the gateway 235 in a manner similar to other standard SMS messages received by the communication device 230. The communication device 232 is configured to send an SMS message to the gateway 235 that includes information indicative of an e-mail
25 address associated with the user of the communication device 232.

The gateway 235 is configured such that if it receives a reply SMS message from the user of the communication device 232 that includes an e-mail address, that the gateway 235 sends an SMS message to the server 220 with information indicative of the response given by the user of the communication device 232. For example, if the user of
30 the communication device 232 agrees to join the web community associated with the user of the communication device 230, the gateway 235 sends a message (e.g., a network

packet) to the server 220 indicating the same. The server 220 is configured to receive this information and to associate the user of the communication device 230 with the user of the communication device 232 in the web community (e.g., which can be accessed via the personal computer 225). The gateway 235 can be configured to send a message that
5 causes the communication device 232 to provide a message to the user of the communication device 230 that indicates whether the user of the communication device 232 accepted the invitation. The server 220 is configured to send an e-mail to the user of the communication device 230 and/or 232 that indicates whether the user of the communication device 232 accepted the invitation sent by the user of the communication
10 device 230. If the user of the communication device 232 is not a member of the web community associated with the user of the communication device 230, the e-mail can prompt the user of the communication device 232 to join the web community associated with the user of the communication device 230.

Both communication devices have CallerXchange and the CommunityLink application
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Embodiments of the invention can be used when both communications devices include the desired applications (e.g., the communication device 233 includes the applications 243, 253, and the communication device 234 includes the applications 244, 254). While the following discussion assumes that a user of the communication device
20 233 initiated a voice call to the user of the communication device 234, other scenarios are possible.

The application 253 is configured to cause the communication device to prompt the user of the communication device 233 (e.g., after a communication event concludes) to provide the user of the communication device 234 with contact information associated
25 with the user of the communication device 233 (e.g., as described in U.S. App. Nos. 11/625,091, filed 1/19/07, and 11/689,915, filed 3/22/07). The application 253 is configured to, if the user of the communication device 233 elects, to cause the communication device 233 to send an SMS message to the gateway 235 that includes the contact information of associated with the user of the communication device 233. The
30 application 243 is further configured to prompt the user of the communication device 233

to invite the user of the communication device 234 to join a web community associated with the user of the communication device 233.

The application 243 is configured to cause the communication device 233 to send an SMS message to the gateway 235 that includes information indicative of whether the user of the communication device 233 wishes to invite the user of the communication device 234 to join a web community (e.g., as described above) and/or whether the user of the communication device 233 wishes to share their contact information. The gateway 235 is configured to, upon receipt of the SMS messages from the communication device 233, determine if the communication device 234 includes the applications 244 and 254 (e.g., using a look-up table). The gateway 235 is configured to send an SMS message to the communication device 234 if the communication device 234 includes the desired applications (which is the case in FIG. 3). The SMS message sent from the gateway 235 to the communication device 234 includes information and/or is formatted in such a manner that the application 244 and/or 254 recognizes the incoming SMS message (e.g., as described in Application Nos. 11/625,091, filed 1/19/07, and 11/689,915, filed 3/22/07).

The applications 244 and/or 254 are configured to, upon receiving a recognized SMS message, cause the communication device 234 to prompt the user of the communication device 234 to 1) add the contact information associated with the user of the communication device 234 to an address book included in the communication device 234, 2) provide their contact information to the user of the communication device 233, and/or 3) join the web community associated with the user of the communication device 233. The communication device 234 is configured to send one or more SMS messages to the gateway 235 including information indicative of whether the user of the communication device 234 chose to send their contact information to the user of the communication device 233 and/or whether the user of the communication device 234 accepted the invitation to join the web community. The gateway 235 is configured to determine if the communication device 233 includes the applications 243, 253 (which is the case in FIG. 3). The gateway 235 is configured to forward the SMS message(s) sent by the communication device 234 to the communication device 233 if the communication device 233 includes the desired applications. In response to receiving the SMS message

sent by the gateway 235 to the communication device 233, the application 253 is configured to cause the communication device 233 to display a message asking if the user of the communication device 233 wishes to save the contact information of the user of the communication device 234 in an address book of the communication device 233 and whether the user of the communication device 234 wishes to be associated with the web community associated with the user of the communication device 233.

The communication device 234 is configured to send one or more SMS messages to the gateway 235 that includes information that is indicative of the responses given by the user of the communication device 234. For example, if the user of the communication device opts to save the received contact information, and to provide return contact information, the communication device 234 sends an SMS message to the gateway 235 that includes the contact information associated with the user of the communication device 234. If the user of the communication device wishes to be associated with the web community associated with the user of the communication device 233, the communication device 234 sends an SMS message to the gateway 235 indicating the same and sends a message to the server 220 indicating that the user of the communication device 234 wishes to be associated with the user of the communication device 233.

The gateway 235 is configured to determine if the communication device 233 includes the desired applications. In the case of FIG. 3, where the communication device 233 includes the desired application modules, the gateway 235 sends one or more SMS messages (e.g., a formatted SMS message) to the communication device 233 indicating whether the user of the communication device 234 opted to become associated with the web community, and/or including contact information associated with the user of the communication device 234. The communication device 233 is configured to, upon receiving a reply SMS from the communication device 234 via the gateway 235, prompt the user of the communication device 233 to save the contact information associated with the user of the communication device 234.

One communication device includes the CallerXchange and the CommunityLink application and the other communication device does not

Embodiments of the invention can be used when one communication device includes the desired applications (e.g., the communication device 233 includes the applications 243 and 253) and the other communication device does not include the desired applications (e.g., the communication device 232). While the following
5 discussion assumes that a user of the communication device 233 initiated a voice call to the user of the communication device 232, other scenarios are possible.

The application 253 is configured to cause the communication device to prompt the user of the communication device 233 (e.g., after a communication event concludes) to provide the user of the communication device 232 with contact information associated
10 with the user of the communication device 233 (e.g., as described in U.S. App. Nos. 11/625,091, filed 1/19/07, and 11/689,915, filed 3/22/07). The application 253 is configured to, if the user of the communication device elects, cause the communication device 233 to send an SMS message to the gateway 235 that includes the contact information of associated with the user of the communication device 233. The
15 application 243 is also configured to prompt the user of the communication device 233 to invite the user of the communication device 232 to join a web community associated with the user of the communication device 233.

The application 243 is configured to cause the communication device 233 to send an SMS message to the gateway 235 that includes information indicative of whether the
20 user of the communication device 233 wishes to invite the user of the communication device 232 to join a web community (e.g., as described above). The gateway 235 is configured to, upon receipt of the SMS messages from the communication device 233, to determine if the communication device 232 includes the desired application. If the gateway 235 determines that the communication device 232 does not include the desired
25 applications (which is the case in FIG. 3), the gateway 235 will send one or more SMS messages (e.g., ordinary unformatted SMS messages) depending on the choices made by the user of the communication device 233. The gateway 235 is configured to send an SMS message to the communication device 232 that includes the contact information associated with the user of the communication device 253 if the user of the
30 communication device 233 chose to provide their contact information. The gateway 235 is further configured to send an SMS message to the communication device 232 that

includes an invitation to join the web community associated with the user of the communication device 233 (e.g., which prompts the user of the communication device 232 to respond with an e-mail address).

5 The user of the communication device 232 can reply to the SMS messages sent by the gateway 235 via reply SMS messages. To accept the invitation to join the web community associated with the user of the communication device 233, the user of the communication device 232 sends an SMS message to the gateway 235 that includes an e-mail address that is associated with the user of the communication device 232. The gateway 235 is configured to recognize a reply SMS message sent from the
10 communication device 232, that includes an e-mail address, as an indication that the user of the communication device 232 wishes to join the web community associated with the user of the communication device 233. The gateway 235 is configured to, upon receiving the reply SMS message from the communication device 232, to notify the server 220 that the user of the communication device 232 wishes to be associated with the user of the
15 communication device 233 in the web community hosted by the server 220. The gateway 235 is further configured to send an SMS message to the communication device 233 indicating that the user of the communication device 232 accepted the invitation to join the web community. The server 220 is configured to send a confirmation e-mail to the user of the communication device 232 confirming, for example, that the user of the
20 communication device 232 is now associated with the user of the communication device 233 in the web community. The e-mail can be sent by the server 220 to, for example, the personal computer 225.

 A user can further use the personal computer 225 to implement the same functionality described herein. For example, a user of the personal computer 225 can
25 send an invitation (e.g., via the server 220 and the gateway 235) to the user of the communication device 233 inviting the user of the communication device 233 to become associated with the user of the personal computer 225. As another example, the user of the personal computer 225 can cause the gateway 235 to send an SMS message to the communication device 233, which is recognized by the communication device 233 as
30 including contact information. In response to this SMS message, the communication device 233 is configured to prompt the user of the communication device 233 to save the

included contact information in an address book of the communication device 233, and to prompt the user of the communication device 233 to provide a reply SMS to the user of the personal computer 225 that includes contact information associated with the user of the communication device 233.

5 Other embodiments are within the scope and spirit of the invention. For example, due to the nature of software, functions described above can be implemented using software, hardware, firmware, hardwiring, or combinations of any of these. Features implementing functions may also be physically located at various positions, including being distributed such that portions of functions are implemented at different physical
10 locations.

 Contact information includes information such as first name, last name, telephone number, employer name, fax number, pager number, mobile phone number, instant messenger ID, e-mail address, OnePIN ID, and other information that a user typically would like to make public.

15 Users of the communication devices can be automatically prompted to send a web community invitation at predetermined times (e.g., after the completion of a call, or after an SMS message is received), or can navigate to a menu in the communication device and manually send an invitation.

 Further, while the description above refers to the invention, the description may
20 include more than one invention.

 What is claimed is:

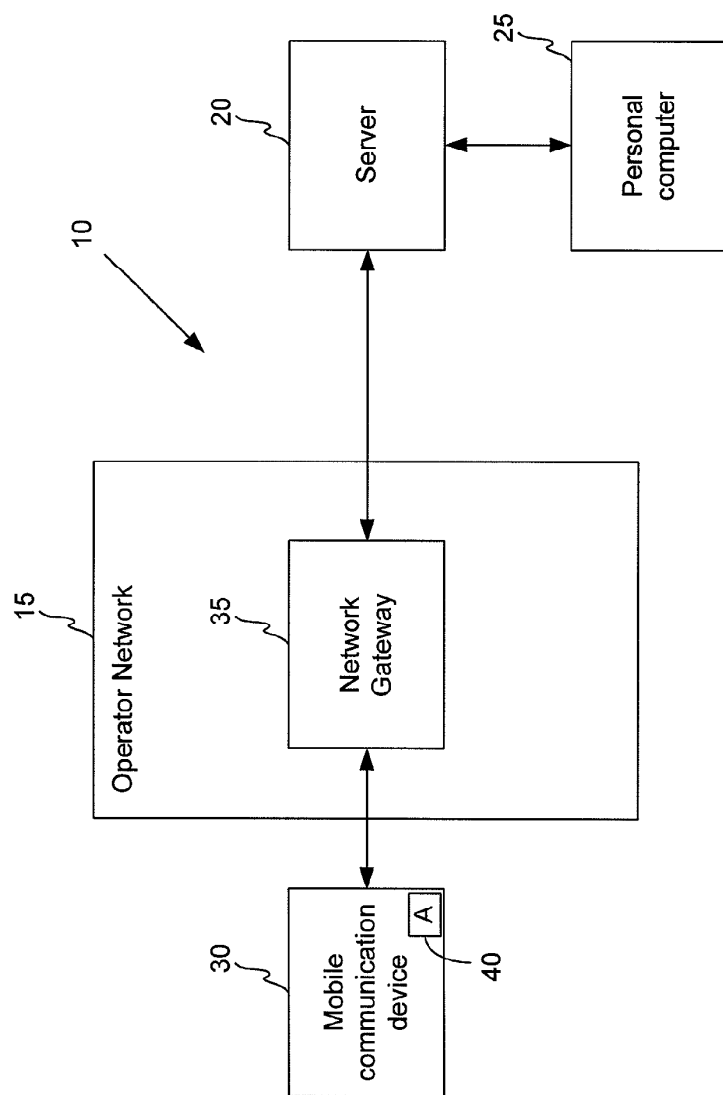


FIG. 1

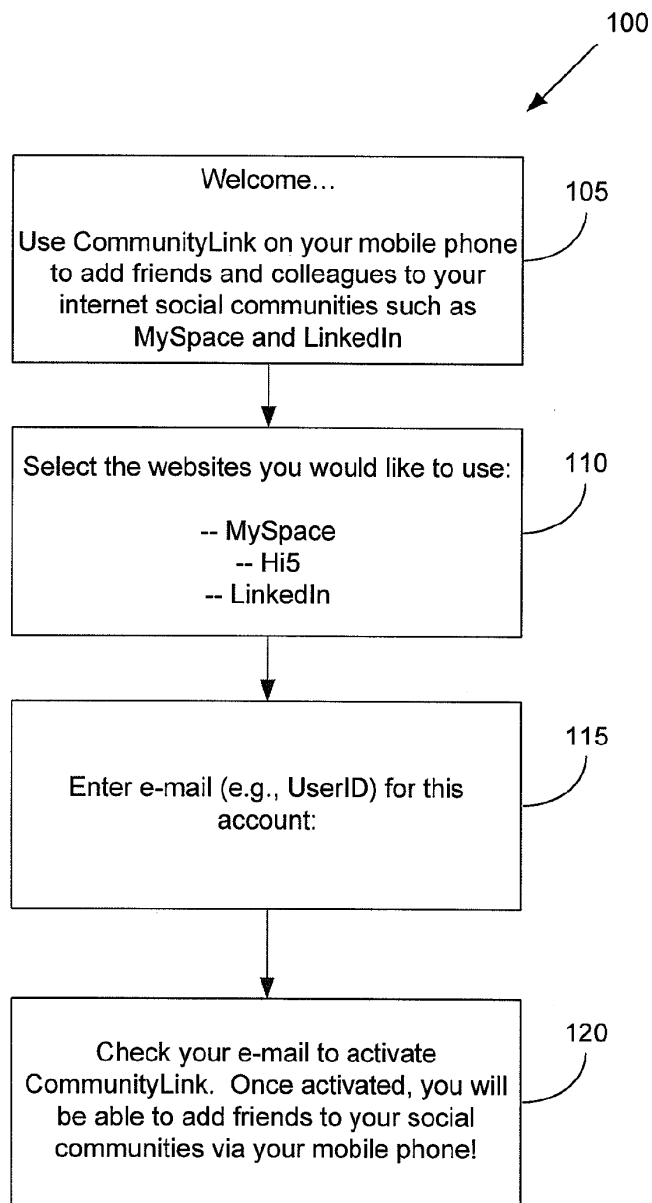


FIG. 2

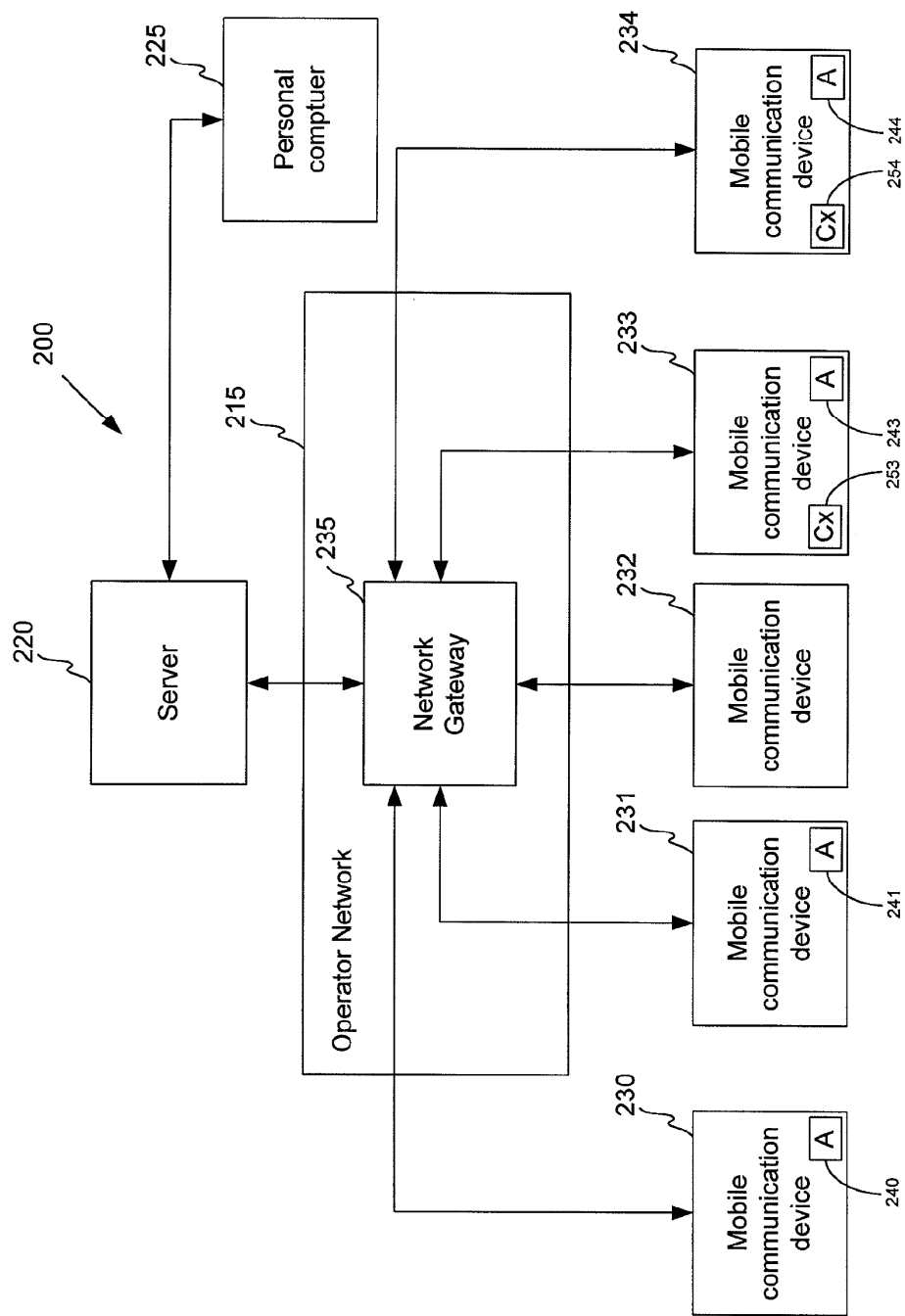


FIG. 3

Electronic Acknowledgement Receipt	
EFS ID:	1702735
Application Number:	60913187
International Application Number:	
Confirmation Number:	7259
Title of Invention:	Mobile Web Community Invitations
First Named Inventor/Applicant Name:	Feyzi Celik
Customer Number:	30623
Filer:	Kyle Turley
Filer Authorized By:	
Attorney Docket Number:	18358-023
Receipt Date:	20-APR-2007
Filing Date:	
Time Stamp:	18:11:38
Application Type:	Provisional

Payment information:

Submitted with Payment	yes
Payment was successfully received in RAM	\$100
RAM confirmation Number	1056
Deposit Account	500311
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 C.F.R. Section 1.16 and 1.17	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)	Multi Part /.zip	Pages (if appl.)				
1		18358023.pdf	4925843	yes	32				
	Multipart Description/PDF files in .zip description								
	Document Description		Start	End					
	Transmittal of New Application		1	2					
	Specification		3	29					
	Drawings		30	32					
Warnings:									
Information:									
2	Fee Worksheet (PTO-06)	fee-info.pdf	8087	no	2				
Warnings:									
Information:									
Total Files Size (in bytes):			4933930						
This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503. New Applications Under 35 U.S.C. 111 If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application. National Stage of an International Application under 35 U.S.C. 371 If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course. New International Application Filed with the USPTO as a Receiving Office If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.									

CLAIMS

1. A method comprising:
completing a communication event between first and second communication
5 devices;
prompting a first user of the first communication device to invite a second user of
the second communication device to become associated with a web community
associated with the first user;
sending a message from the first communication device to a gateway if the first
10 user invites the second user to become associated with the web community;
relaying the message through the gateway to the second communication device;
and
prompting the second user, upon receiving the message at the second
communication device, to become associated with web community.
15

20

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Introduction

CommunityLink is a peer-to-peer mobile application that allows people to invite and include others to their web communities (e.g. MySpace, LinkedIn) via their mobile.

After phone calls, CommunityLink gives mobile subscribers the option to invite the other person to join one or many of their internet social communities. This invitation can also be sent manually from the mobile to any subscriber at any time.

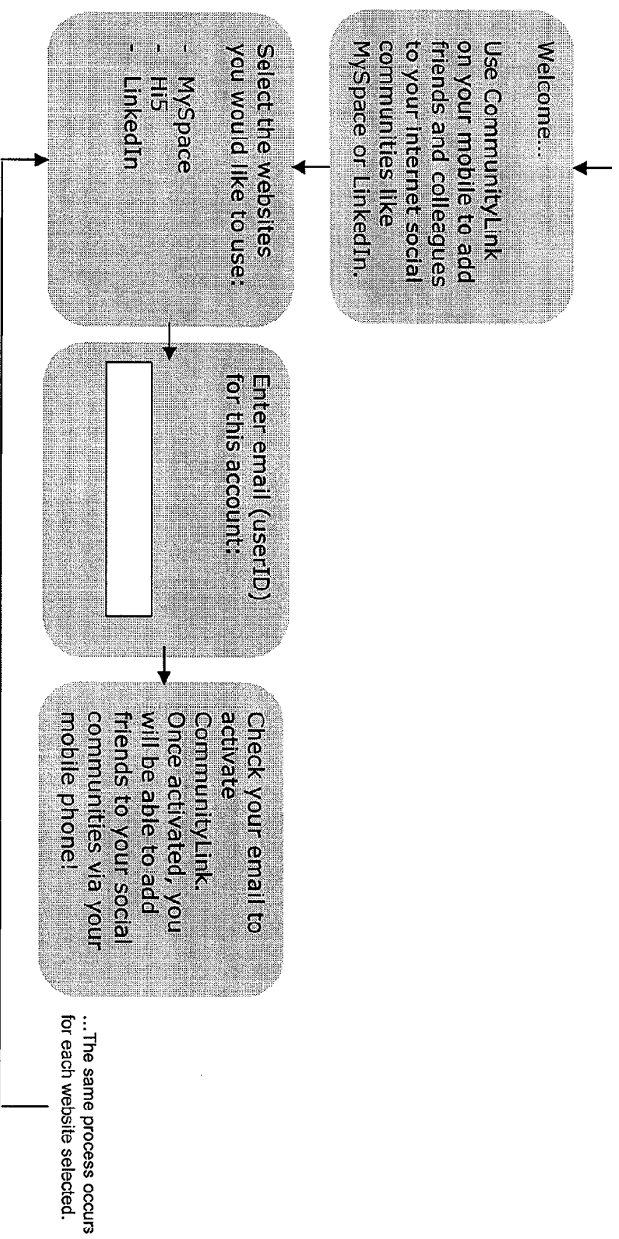
CommunityLink is website agnostic. The mobile operator can configure the web communities that CommunityLink will offer to its subscribers. This list of websites can be modified by the operator at any time.

CommunityLink can be used with or without CallerXchange.



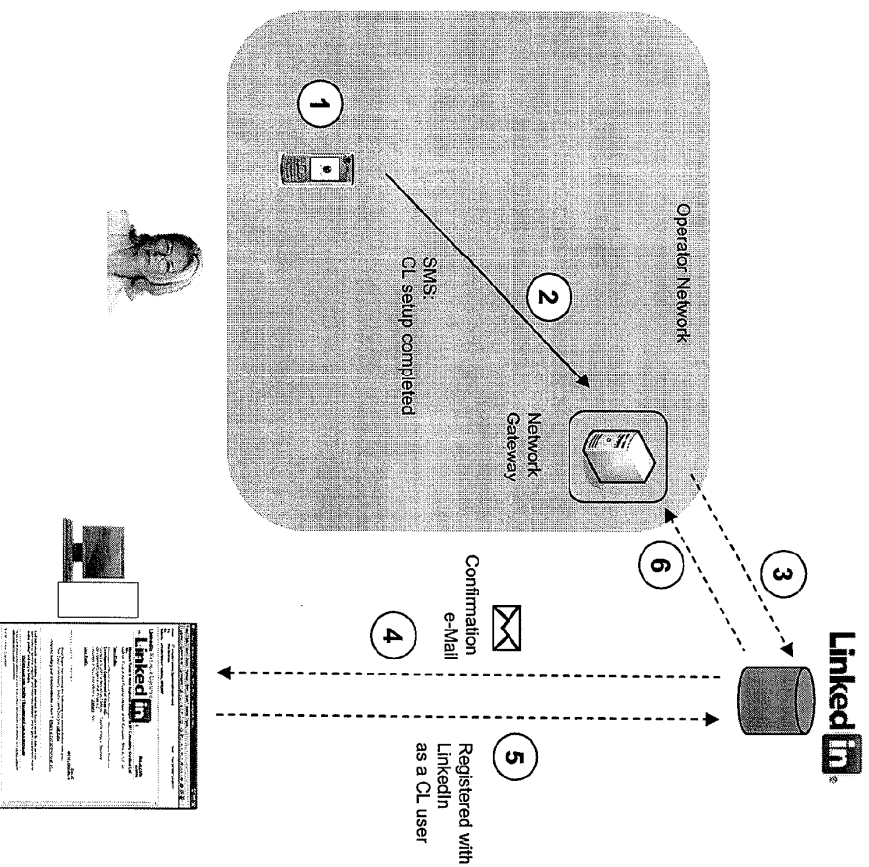
Setup: user experience

CommunityLink is either setup when a new user gets a new SIM card or phone, or it can also be downloaded (automatically by the mobile operator or manually by a subscriber)



Setup: data flow

1. Mary sets up CL and chooses to use her LinkedIn account with the CL mobile service.
2. CL Setup message sent to Network Gateway, including email address for LinkedIn account.
3. Network Gateway creates a unique (hash) number for Mary's MSISDN and sends her data (via IP) to LinkedIn registration.
4. LinkedIn sends email to Mary to confirm CL activation.
5. Mary clicks on an html link and enters her LinkedIn username and password.
6. LinkedIn will then send a data packet to the Network Gateway that creates a pointer from Mary's hash number (MSISDN) to her email address and LinkedIn account.

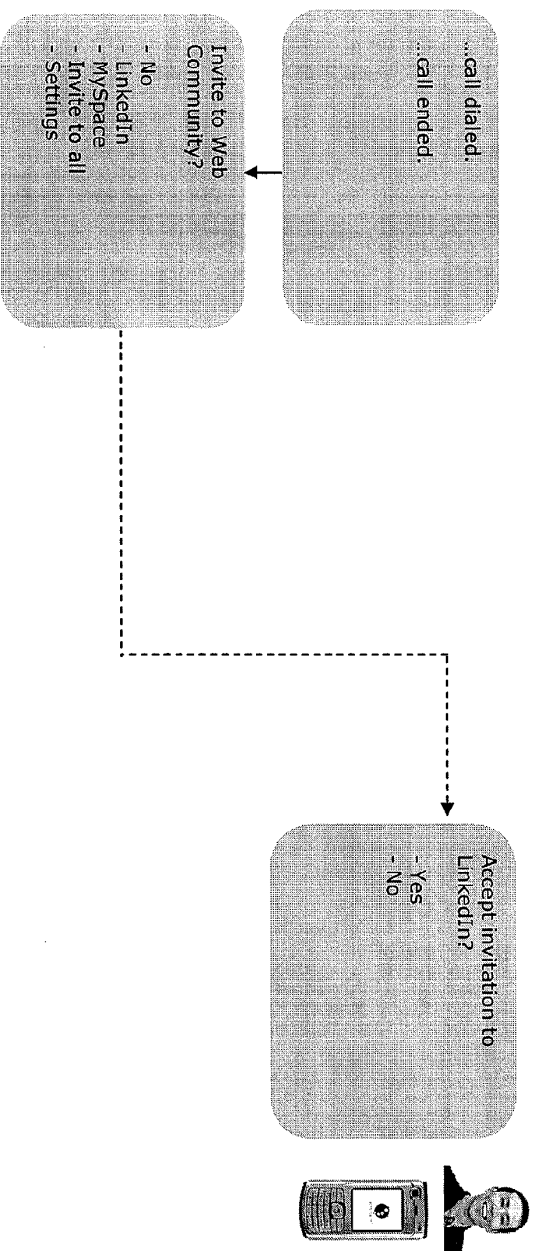


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Exchange: user experience

Scenario 1:

Sender has CommunityLink
Receiver has CommunityLink



Exchange: data flow

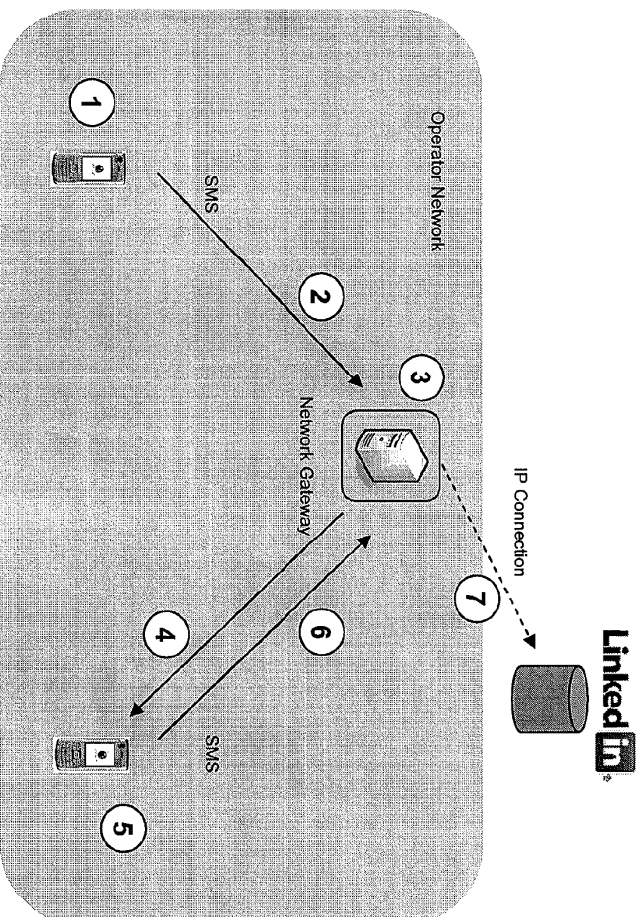
Scenario 1:

Sender has CommunityLink
Receiver has CommunityLink

Mary calls Mike and hangs up after the call.

1. Mary is asked to invite Mike to join her LinkedIn web community (yes).
2. SMS message is sent to the Network Gateway
3. Network Gateway checks if Mike has CL (yes).
4. Network Gateway sends SMS to Mike.
5. Mike is asked by CommunityLink to accept Mary's invitation to join her LinkedIn community (yes).
6. SMS message sent to Network Gateway.
7. Network Gateway sends LinkedIn Mike's acceptance of Mary's invitation.

Later... Mary and Mike log onto the LinkedIn website and both are included in each other's network.

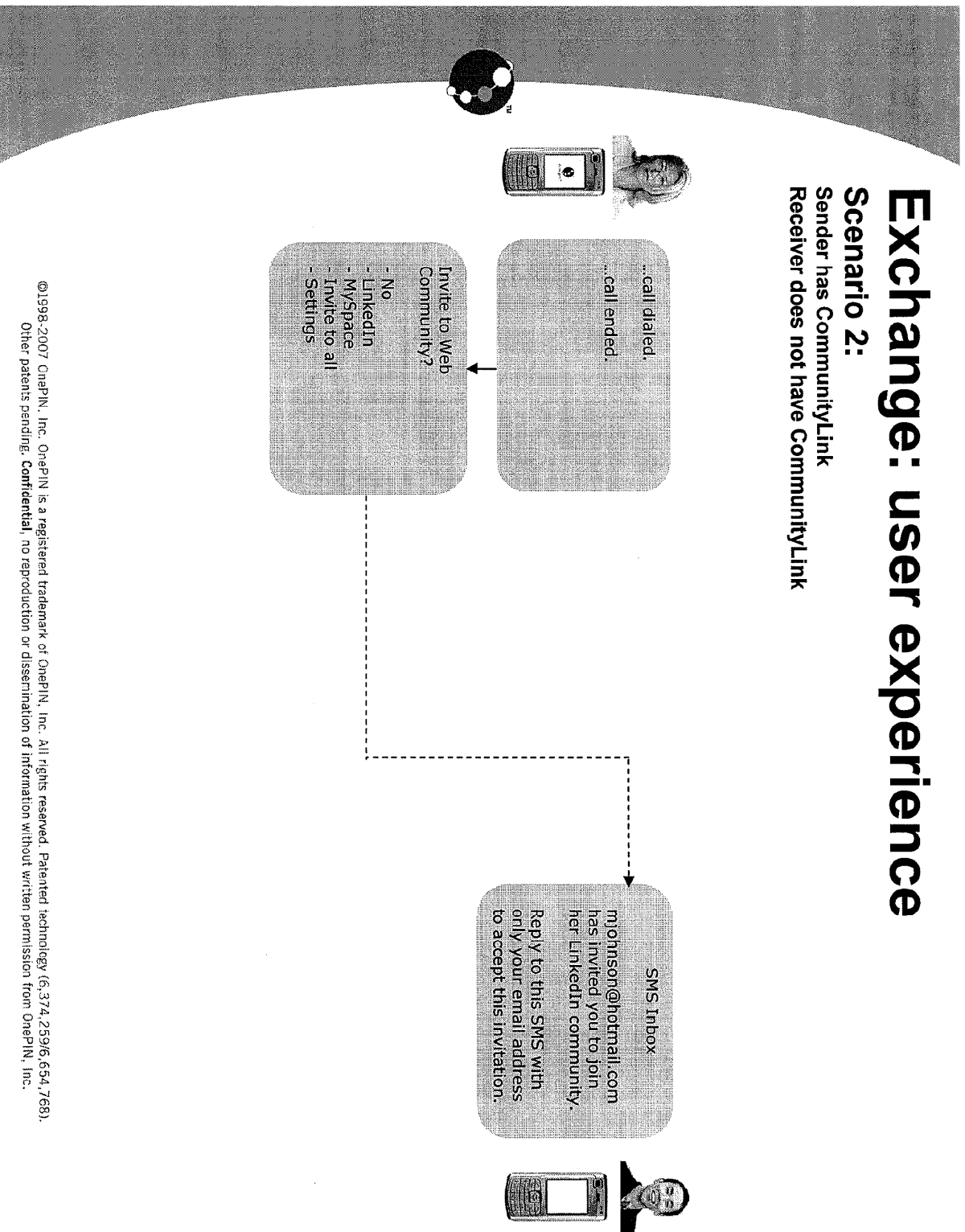


Exchange: user experience

Scenario 2:

Sender has CommunityLink

Receiver does not have CommunityLink



-

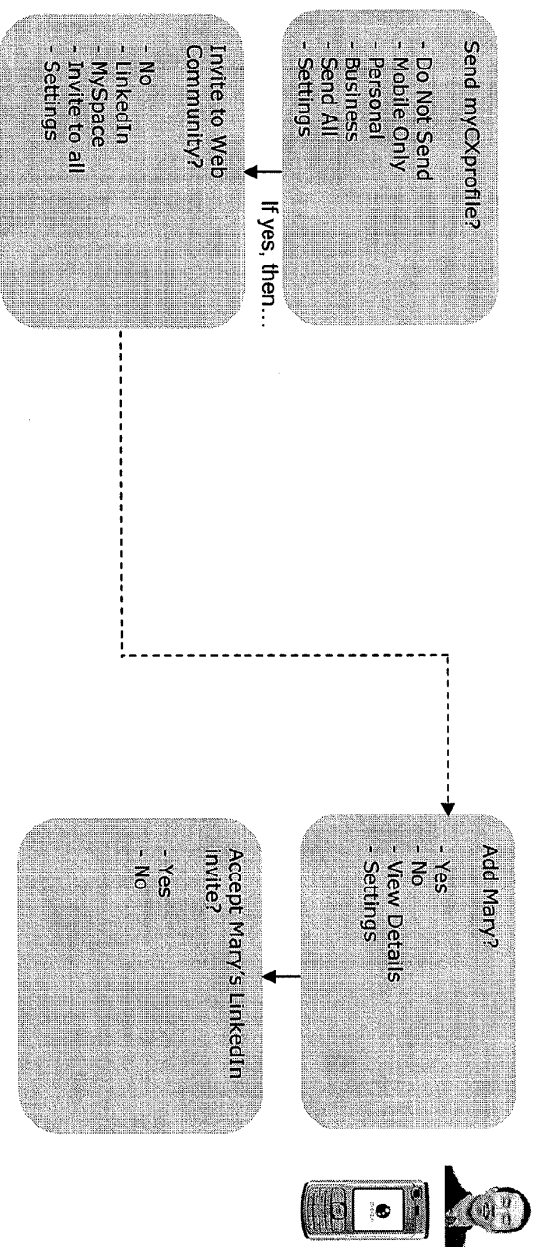


Exchange: user experience

Scenario 3:

Sender has CallerXchange and CommunityLink

Receiver has CallerXchange and CommunityLink



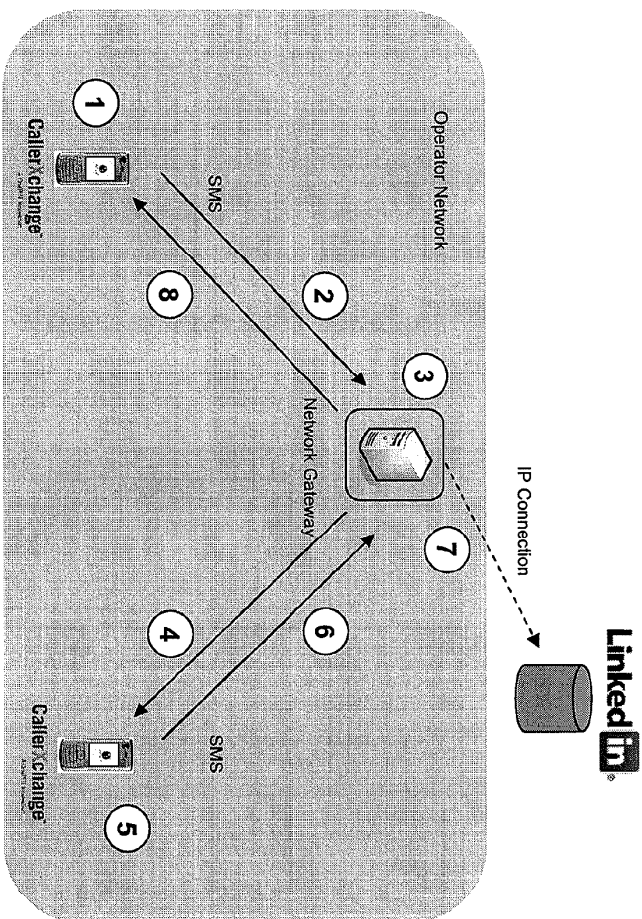
Exchange: data flow

Scenario 3:

Sender has CallerXchange and CommunityLink
Receiver has CallerXchange and CommunityLink

Mary calls Mike and hangs up after the call.

1. Mary is asked to send her CX profile (yes). She is then asked to invite Mike to join her LinkedIn web community (yes).
 2. SMS messages are sent to the Network Gateway
 3. Network Gateway checks if Mike has CallerXchange (yes) and if Mike has CL (yes).
 4. Network Gateway sends SMS to Mike.
 5. Mike is asked by CallerXchange to: add Mary (yes); accept Mary's invitation to join her LinkedIn community (yes); send Mary his CX profile (yes).
 6. SMS messages are sent to Network Gateway.
 7. Network Gateway checks: if Mary has CallerXchange (yes) and sends her an SMS; recognizes that Mike has accepted Mary's invite and sends LinkedIn a notification that Mike is now a part of Mary's LinkedIn network.
 8. Mary is asked by CallerXchange to add Mike to her phonebook.
- Later... Mary and Mike log onto the LinkedIn website and both are included in each other's network.

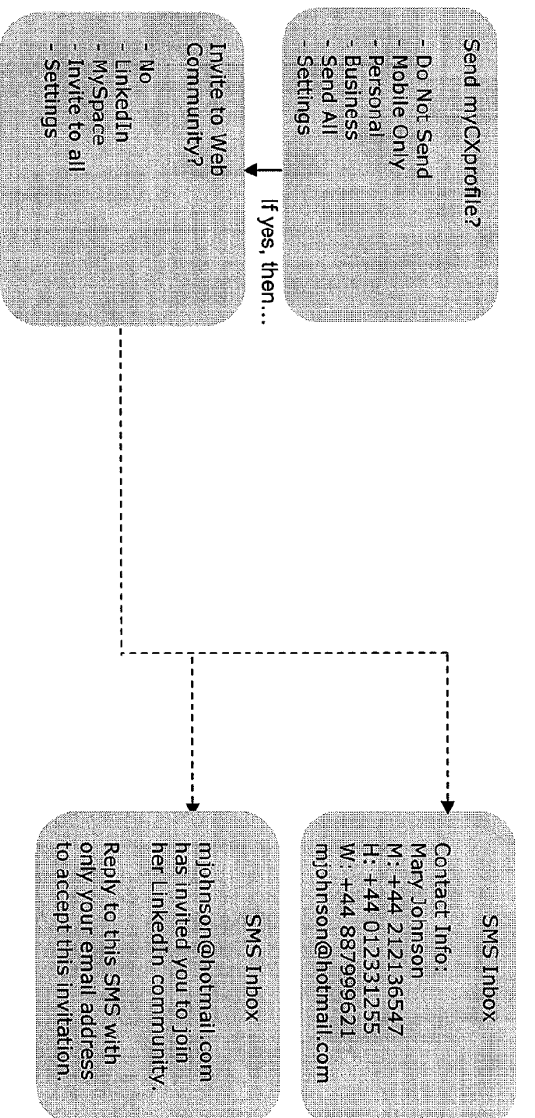


Exchange: user experience

Scenario 4:

Sender has CallerExchange and CommunityLink

Receiver does not have CallerExchange or CommunityLink



Exchange: data flow

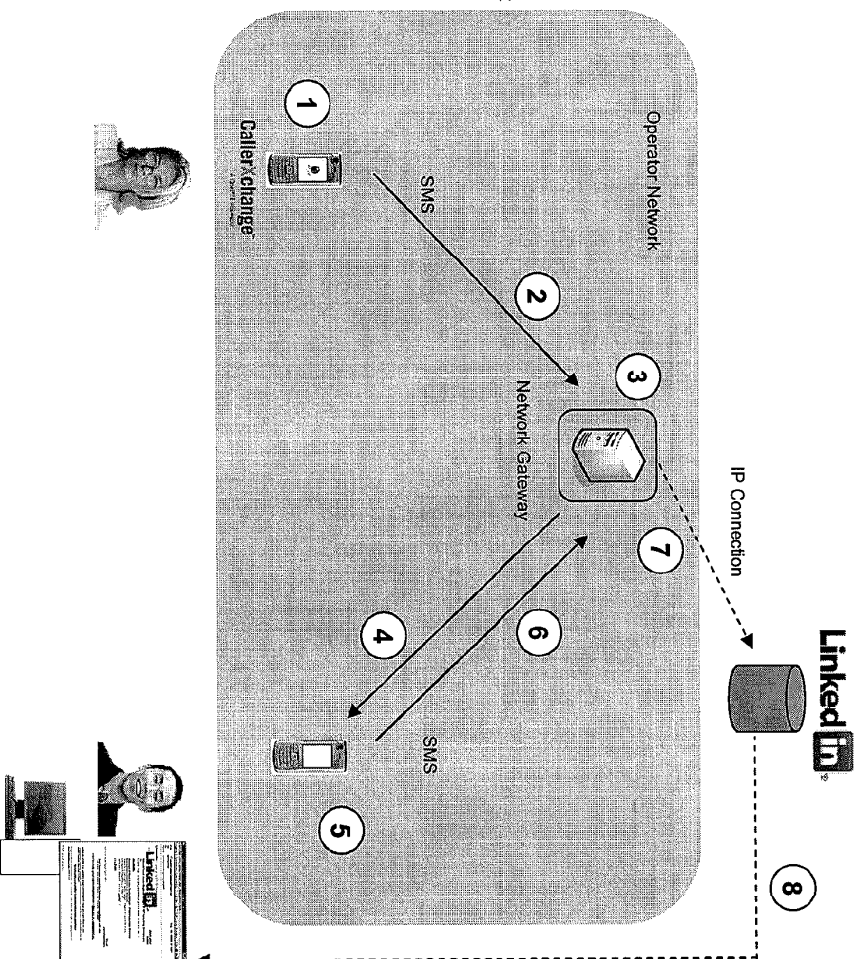
Scenario 4:

Sender has CallerXchange and CommunityLink
Receiver does not have CallerXchange or CommunityLink

Mary calls Mike and hangs up after the call.

1. Mary is asked to send her CX profile (yes). She is then asked to invite Mike to join her LinkedIn web community (yes).
2. SMS messages are sent to the Network Gateway
3. Network Gateway checks if Mike has CallerXchange (no) and if Mike has CL (no).
4. Network Gateway sends SMSes to Mike.
5. Mike receives an SMS with Mary's contact information. Mike also receives an SMS with Mary's invitation to join her LinkedIn community and replies with his email address.
6. SMS message sent to Network Gateway.
7. Network Gateway sends LinkedIn Mike's acceptance of Mary's invitation.
8. LinkedIn sends Mike an email to confirm his acceptance into Mary's Network via the Web (or asking him to signup to LinkedIn if he is not yet a member).

Later... Mary and Mike log onto the LinkedIn website and both are included in each other's network.



Technology

CommunityLink is a mobile service that is provisioned to subscribers via a mobile phone application, a SIM card application or a web-based application.

CommunityLink also enables subscribers to use their Personal Computer to perform the same functions as on their mobile. Specifically, subscribers can send (automatically or manually) their profile or send updates from their PC to mobile devices.

