JDM/002

SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME

Background of the Invention

[0001] This invention relates to systems and methods for determining a device's location. More particularly, this invention relates to systems and methods for remotely determining a device's location.

[0002] The Global Positioning System (GPS) has been developed in which a ground-based system can receive GPS signals from satellites and determine its location based on the time that it takes the GPS signals to reach the ground-based system. Generally, three satellite signals are needed to determine where in the world a receiver is located (i.e., position triangulation).

[0003] GPS systems have been integrated into cellular phones. However, these systems are deficient because the location of a device that is determined by these GPS signals are only minimally utilized. It is therefore desirable to provide systems and methods which better utilize the information about a device's location.

Google Exhibit 1002
Google v. Mullen

Summary of the Invention

[0004] In accordance with the present invention, systems and methods are provided for locating cellular phones. More particularly, the present invention provides systems and methods for allowing a user of a cellular phone (e.g., a requesting user or a requestor) to locate the position of a different user's cellular phone (e.g., a requested user) based upon requestor-assigned access rights.

[0005] One object of the present invention is to provide a security feature which allows a user to limit and/or deny location access to a particular user. In preferred embodiments, only the users that have been granted access to the location of a user's cellular phone can actually locate that user's cellular phone. Furthermore, different types of access levels may be provided that allow a user to filter location information to a different user. In this manner, a cell phone user may give access, through his or her cell phone, to a friend so that the friend can locate him or her dependent on the level of access that is granted to that friend.

[0006] For example, suppose that Phil tells Bill that he will be shopping in Manhattan and that Bill should locate him when Bill gets to Manhattan through their cell phones. In such an example, Phil may grant Bill access the exact location of his cell phone for a specific period of time (e.g., the next two hours). As a result, when Bill tries to access Phil's location, Bill will be told exactly where in Manhattan Phil's cell phone is located. Thus, Bill does not have to contact Phil directly to see where he is and, therefore, Phil does not have to spend any time giving

Bill verbal directions; Bill can simply see what store Phil is currently in and go to it.

[0007] As mentioned previously, levels in the scope of access may be controlled by a user such that, for example, only a user's exact location, approximate location, city, state, or country can be accessed by a particular user.

[0008] Location alerts and monitoring features are also provided. For example, Phil may give Jen, a resident of Pittsburgh, city access so that when Phil travels into Pittsburgh, Jen will be alerted of Phil's presence. Such an alert may take the form of, for example, a display on Jen's cell phone that communicates to Jen "Phil is in Pittsburgh."

[0009] Locating a cellular phone may be accomplished in several ways. For example, satellite positioning systems such as the Global Positional System and the soon to be deployed Galileo system may be used to locate a user's cell phone.

[0010] User positions and security settings may be regularly or manually transmitted to a remote system, such a remote database so that requesting users can locate a requested user's position even if the requested user turns his/her cell phone OFF. Placing the security measures on a remote system (e.g., remote database, computer, or server) provides an information brokering scheme such that the system is still operable even when cell phones are added, removed, or modified from the system.

[0011] Additionally, the present invention may be configured to provide additional information about the location of a user. Such additional information may be, for example, a map, a location marker on a map, a

map that changes as the user moves, a compass, coordinates of the located cell phone, directions to the located cell phone, where a user is in relation to another user, and information about the location the located user is currently positioned in or nearby locations such as landmarks. Such information may be provided by a remote information provider (e.g., a remote map information provider) and accessed by an information broker through a communications network.

[0012] Many other features are also employed that realizes advantageous locating functionality. As per an example, suppose that a wife wants to see if her husband has left work yet. She can locate her husband, without having to talk to him, and realize that he is driving home on a highway. Thus, a travel time option may be provided to the user. This option would compute the distance between the wife's location and husband's location by taking multiple location readings of the husband's location to see how fast the husband is traveling. Alternatively, because the husband's position will map to a highway, the system may assume that the user is driving and may provide the wife with an estimate on the husband's arrival time based on an assumed route. In this manner, the present invention may determine how much time it will take the husband to reach the wife and display this information to the wife.

[0013] As per other examples, a "see my friends" option may also be provided that brings up a map of a desired area. Dots or symbols may be present on the map to signify the location of all user's from which the requesting user has location information for. Similarly, a "find closest friend" option may be

employed which finds the closest user with which the requesting user has location access to.

[0014] A cell phone location may by accessed by a variety of other devices. Alternatively, a cell phone may be used to access the location of a variety of other devices. For example, if the wife was at home, that wife may connect to the internet and access a remote database to either provide the most recent location information about the husband's cell phone to her or request a location update from the husband's cell phone. The wife's location may be already stored in such a database by associating the location to the IP address of the computer or by a manual input of the wife's location. The wife's identity may be determined by, for example, a login and password on a website. Thus, the above-identified security measures are not limited to device-to-device locating rather user to user locating; the wife may only access the husband's location if the husband has granted access for the wife to do so. If, by accident, the wife's cell phone breaks, she may login on a friend's cell phone and determine the husband's location according to the device that the husband is logged into.

[0015] Security is preferably taken into account in the present invention and, therefore, location rights for a specific user may be given to a different user only by that specific user. However, a user may request location access rights from a different user. For example, a user may be provided with a request location screen on his cell phone and that user (e.g., user "X") may enter in the cell phone number of the cell phone whose location is desired. The user associated to the entered cell phone number may then

receive an alert that says "user X has requested access to your location." Location access may then be given or denied on multiple levels and the requesting user notified of the decision.

[0016] The location feature of the present invention may be turned ON or OFF at any time. Users may be added, individually or in groups, to a list of users with location access rights to a specific user by that specific user. A specific user may, at any time, modify, delete, or add users allowed to access his or her location. Login and password information may be included to increase security or to create a user profile, allowing a specific user to log into any cell phone and be recognize by the present invention (and thereby be located with that cell phone or locatable device).

Brief Description of the Drawings

[0017] The principles and advantages of the present invention can be more clearly understood from the following detailed description considered in conjunction with the following drawings, in which the same reference numerals denote the same structural elements throughout, and in which:

[0018] FIG. 1 is a network topology of a cell phone locating network in accordance with the principles of the present invention;

[0019] FIG. 2 is a flow chart of the locating feature in accordance with the principles of the present invention;

[0020] FIG. 3 is an illustration of a cell phone in accordance with the principles of the present invention;

[0021] FIG. 4 is a display screen for a locate feature in accordance with with the principles of the present invention;

[0022] FIG. 5 is a display screen for a retrieving location status feature in accordance with the principles of the present invention;

[0023] FIG. 6 is a display screen for a displaying location feature in accordance with the principles of the present invention;

[0024] FIG. 7 is a display screen listing options for a locate feature in accordance with the principles of the present invention;

[0025] FIG. 8 is a display screen of a failed locate feature due to insufficient rights in accordance with the principles of the present invention;

[0026] FIG. 9 is a display screen of adding and modifying locate rights and options to a user in accordance with the principles of the present invention;

[0027] FIG. 10 is a display screen of assigning location rights to a user in accordance with the principles of the present invention;

[0028] FIG. 11 is a display screen of alert options in accordance with the principles of the present invention;

[0029] FIG. 12 is a display screen of an alert feature in accordance with the principles of the present invention;

[0030] FIG. 13 is a display screen of a login feature in accordance with the principles of the present invention;

[0031] FIG. 14 is a display screen of a login feature in accordance with the principles of the present invention;

[0032] FIG. 15 is a wireless device in accordance with the principles of the present invention;

[0033] FIG. 16 is an embodiment of a network topology in accordance with the principles of the present invention;

[0034] FIG. 17 is an embodiment of a locating feature in accordance with the principles of the present invention; and

[0035] FIG. 18 is an embodiment of a communications signal in accordance with the principles of the present invention.

Detailed Description of the Invention

[0036] FIG. 1 depicts a network topology of device location network 100 incorporating principles of the present invention. Network 100 includes one or more positioning satellites 110, 112, and 114 that can locate the position of one or more cell phones 120, 122, 126, and 124 (and other locatable devices) on Earth 101. Positioning satellites 110, 112, and 114 may be, for example, the Global Positioning System (GPS) or the upcoming Galileo satellite network.

[0037] Preferably, any cell phone in network 100 may locate a different cell phone, as long as access to location information is allowed, through the utilization of positioning satellites 110, 112, and 114. Persons skilled in the art will appreciate that other positioning systems and methods may be used in locating the position of a user on a cell phone of network 100.

[0038] To route information to and from a cell phone of network 100 additional facilities and communication paths may be included. For example, a main facility (not shown in FIG. 1) containing user location access rights may be included in network 100. Such a main facility may retrieve location information directly from a positioning system or a cellular phone and then route this information to a cellular phone or positioning system.

[0039] Persons skilled in the art will appreciate that if the Global Positioning System (GPS) is used as the positioning system then GPS receivers will be incorporated into cellular phones of the present invention. Persons skilled in the art will also appreciate that devices other than cellular phones may include positioning features. For example, watches, clothing, laptop computers, personal digital assistants (PDAs), may all contain location systems (e.g., GPS) and utilize the security principles of the present invention to allow different user's to access these locations.

[0040] FIG. 2 shows flow chart 200 of a simplified locating feature constructed in accordance with the principles of the present invention. Step 202 initiates when a user requests the location of another user's cell phone. Step 206 evaluates if the user initiating the location request has the rights to access the location of the desired user. If no access rights for the requesting user have been granted then step 204 will preferably inform the requesting user that he/she has not been given access to the requested location. In this manner, every user may assign rights (e.g. govern the security) to whom may or may not

locate him/her. In preferred embodiments, these rights will be stored in, or functionality executed from, a remote facility and accessed and utilized by a user's cell phone or other requesting device (e.g., a watch or PDA).

[0041] If access has been given by a particular user that allows for the requesting user to locate that particular user, step 208 is initiated and the allowed location information is provided to the user in step 210. Step 208 may optionally filter the location information such that only a portion information is passed to the requesting user. The requested user may have, for example, defined that the requesting user only can obtain the city, state, or country of his/her location. Persons skilled in the art will appreciate that only the location of the desired user needs to have a cell phone or a positioning system. The requesting user may user other means (e.g., the internet) to request the location of the desired user.

[0042] Persons skilled in the art will appreciate that the location of a user's cell phone may be retrieved, in step 208, from a remote database, facility, distribution center, or any other system. More particularly, a remote database may periodically request the location of a cell phone user with a positioning system and store this information. This database may also keep a record of those people allowed to access that user's location, the extent to which access is allowed, and the extent to which a user has requested a user's location. A user may update, add, manipulate, or remove access at any time by doing so at this database. Thus, a requesting user only has to contact the remote database, have his/her identity

recognized, have his/her access rights for the requested user location determined, and, if the requesting user has the correct access rights, be provided with the requested user's location.

[0043] Instead of a remote database periodically obtaining location information for a user, the database can obtain a user's locations when a request is made for that user's location, providing the requesting user has access to the requested user's location. However, persons skilled in the art will recognize that a remote database is utilized in the above examples that contains the locations, in most circumstances, of a multitude of users. Thus, to increase security even more, a requesting user's cell phone may directly request a user's location from the requested user's cell phone without the need for a database. In such an example a user adds, manipulates, or removes access rights locally on his/her cell phone and does not have to worry about security issues that surround placing his location on a remote database. Furthermore, in such an embodiment a user's location does not have to be saved anywhere, a positioning system can just be "read" by a requesting user with the appropriate access rights.

[0044] However, by recording a user's location on a device, e.g., a cell phone's memory or in a remote database, novel applications may be utilized. For example, whenever a user makes a credit card purchase, a credit card authorization system can record the location of a cell phone associated to the purchasing user. In this manner, a new system and method of fraud protection is introduced. The credit card authorization system may, for example, reject a

purchase if the purchaser's cell phone (or watch, clothing, PDA, or other positioning enabled device) is not in the vicinity of the purchase. Alternatively, the credit card authorization system may request a second form of identification if the purchaser's cell phone location does not correlate to the location of the purchase. Additionally, the credit card authorization system may call the purchaser's cell phone and request authorization for the credit card purchase. However, such features would preferably first involve the user/purchaser giving the credit card authorization system access to the location of his/her cell phone.

[0045] As per another application, a unique dating/matching service could be embodied. For example, a user may store a number of preferences in a matching profile. These preferences may describe what type of person he is interested in meeting. Additionally, a user may store, preferably locally (for the dating/matching feature) but alternatively at a remote location, his/her own profile that has data describing similar attributes for what he/she is looking for. For example, an entry in a user's profile may be "male" and an entry in "looking for" profile may be "female." When a user comes within a certain distance of a user (determined by comparing locations of a user) that fits his/her "looking for" profile, the user may be alerted of the proximity of a matching user. Preferably, the particular user is only alerted if the "looking for" user has entered in attributes similar to the particular user's attributes and is also alerted of the particular user. The next stages of such an application could include, for example,

requesting access to a form of communication. Such a form of communication could be for example, talking on the phone, instant messaging, or delivering an email address. Persons skilled in the art will therefore appreciate that many useful applications may be constructed using the principles of the present invention.

[0046] FIG. 3 depicts cell phone 300 constructed in accordance with the principles of the present invention. Cell Phone 300 preferably includes speaker 330, antenna 310, display screen 320, control keys 360, alpha-numeric keys 350, and microphone 340. Cell phone 300 also preferably may include, for example, a communications transmitter (not shown), communications receiver (not shown), memory (not shown), positioning device (not shown), and a microprocessor (not shown).

[0047] Cell phone 300 may also include locate button 380. Cell phone 300 may be configured such that if locate button 380 is pressed, a locate feature is initiated (e.g., display screen 400 of FIG. 4 is initiated). Alternatively, cell phone 300 may be configured such that if locate button 380 is pressed, a location signal is sent to a remote storage area (e.g., a remote database), thus manually updating the user's location. This latter functionality may be useful when a user does not want his/her location accessed. As in another alternative embodiment, cell phone 380 may be configured such that if locate button 380 is pressed, the locating features of cell phone 300 are toggled between ON and OFF. Person skilled in the art will appreciate that locate button 380 may be configured to produce a variety of useful functionalities.

[0048] FIG. 4 depicts display screen 400 that is displaying a locate feature constructed in accordance with the principles of the present invention. The locate feature of display screen 400 may be included, for example, in cell phone 300 of FIG. 3 and displayed to the user of cell phone 300 of FIG. 3 when that user requests the location of a different user of the present invention. The programming for the feature may, for example, be stored in the memory of the cell phone and executed by the processor at a user's request. Locate Feature 400 includes identifier list 410 of alpha-numeric identifiers for users stored in the memory on cell phone 300 (FIG. 3) or at a remote location. More particularly the user of display 410 may locate a user contained in identifier list 410 by selecting an appropriate user identifier 420.

[0049] The user identifiers (e.g., "Susan Pracht") in identifier list 410 are selectable and may be selected by control keys 360 of FIG. 3. Highlight window 410 may be used to prompt the user what identifier from list 410 is currently selected any may be controlled, for example, by the input keys of the cell phone (e.g., keys 350 and 360 of FIG. 3). Identifiers may be associated to, for example, cellular telephone number, user profiles, or any other identifier that may be associated to a locatable device or user interacting with a locatable device.

[0050] Persons skilled in the art will appreciate that display screen 400 may be provided to a user of devices other than wireless devices. For example, display screen 410 may be provided to a user of a personal computer with no positioning system. Preferably, however, the security measures in

accordance with the principles of the present invention are still abided to (e.g., access has been granted to the identifier associated to the requesting user). In this manner, a user can control who can access his/her wireless device (e.g., cell phone).

[0051] Persons skilled in the art will appreciate that identifier list 410 may be configured, for example, to contain only those users in which the user of cell phone 300 (FIG. 3) has locate access rights to or any user stored in cell phone 300. Persons skilled in the art will also appreciate that devices other than cell phone 300 may be used to incorporate the features of the present invention. Such devices could include, for example, personal digital assistants (PDAs), laptop, GPS pagers, GPS watches, car positioning devices, or any other devices that can be located. One advantage of the present invention is that it allows a mobile device with a positioning system to locate a different mobile device with a positioning system while still retaining a high level of location security and privacy.

[0052] FIG. 5 is display screen 500 for retrieving location status feature in accordance with the principles of the present invention. The selected identifier may be incorporated into display screen 500 through location status display 510 to inform the user of the status of the location retrieval. For example, display screen 500 may display "locating user" while a request is being processed by a remote facility or database.

[0053] FIG. 6 shoes display screen 600 for a display location feature constructed in accordance with the principles of the present invention. When a location

is retrieved for the requested user, the location may be displayed on Display Screen 600 through primary location information 610. Depending on what scope the requesting user has access to primary location information 610 may include, for example, the country, state, city, exact location, or any combination thereof of location information to the user. For example, if the user requesting the location of a desired user has been given unlimited location access by the desired user, primary information 610 may include the exact location of the user.

[0054] Secondary location information 620 may be included to supplement the requested users exact location so that the requesting user may have more of an idea of where the requested user is located. For example, if the desired user is located in a mall, primary location information 610 may be the address of the mall. In such an example, secondary location information 620 may be included and display, to the requesting user, the name of the mall.

[0055] Directional information 630 may also be included on display 600 or any other display of the present invention. Directional information 630 may include a digital compass 632 so that the user of cell phone 300 (FIG. 3) knows what direction he or she is facing in. Digital compass 632 may be connected to a direction sensitive device (e.g, mechanical compass) in order to gather directional information. Directional arrow 633 may also be included in Display 600 to indicate where the requested user's location is relative to the location and direction of cell phone 300 (FIG. 3) (e.g, the requesting user). Persons skilled in the art will appreciate that for some

directional information 630 the location of the requesting user must be obtained. This information may be obtained either from cell phone 300, a remote facility, or by any other suitable means. If the information is gathered from a location gathering device other than the requesting user's device (e.g, cell phone 300 (FIG. 3)), then the user's device may communicate from this other location gathering device. Once both the locations of the requesting and requested/desired users are known, this information may be utilized in a number of features incorporating the principles of the present invention.

[0056] Distance information 634 is one such feature that displays the distance between the locations of the requested and requesting users (e.g., distance between the locations of the requested and requesting devices). Directional information 630 may contain many other elements to enhance the utility of the present invention. For example, a map (not shown in FIG. 6) may be included in display 600. This map may be of the area surrounding either the requested, the requesting user's location or both. Information may be included on the map to show the shortest path between the location as well as information about the surrounding area (e.g, area names, store names, etc.). Other information may include, for example, time to reach the destination according to specific types of travel (e.g, subway, walking, running, driving) and the direction the requested user is traveling in.

[0057] Many uses for this information may be utilized by a user. For example, if Jane calls Bill and Bill says "I am roaming midtown manhattan shopping why don't you join me", no other call to Bill is

needed. Bill simply has to give Jane access to his location and Bill can continue shopping without having to worry about meeting up with Jane at a specific location.

[0058] In some instances, it may be beneficial to find the speed and direction of a requested user. For example, if a wife wants to see how long before her husband arrives home, the wife can use this feature of the present invention. This feature may find the husbands location multiple times in a determined amount of time. Through this information the feature may determine the speed and direction that the user is traveling. Using this speed, for example, this feature may display to the wife that the husband "is 10 minutes away" in directional information 630. In doing so, the need for a call to the husband to determine his location is eliminated.

[0059] Persons skilled in the art that the location of multiple users may be displayed on display screen 600. For example, suppose Jeff, Susan, and Chrissy are at a concert. If all three of these users have unlimited access to the other users, principles of the present invention would allow for a map to be displayed on each of the three locating devices with locator designations for each of the users. Using such map, the group may be able to find themselves in relative location to one another and decide, if need be, on the easiest location for them to meet. Thus map 660 may be included on display screen 600 and display the locations of multiple users (e.g., user's 621 and 622).

[0060] More region 640 designates that more options or information may be retrieved or performed using principles of the present invention. A user may use

control keys 340 (FIG. 3) on cell phone 300 (FIG. 3) to perform the functionality associated with more region 640.

[0061] FIG. 7 shows display screen 700 for locate listing options in accordance with the principles of the present invention. Display screen 700 includes selectable options list 710 and highlight window 720 and may be displayed to the user, for example, through the activation of functionality associated by more region 640 (FIG. 6). Options list 710 may include any of the features of the present invention. For example, options list 710 may include options activating a display screen of a map of the requesting user's location, a map of the requested user's location, directions to the requested user's location from the requesting user's location, travel time for the requesting user, travel time for the requested user, and options to set location alerts.

[0062] FIG. 8 shows display screen 800 of a failed locate feature due to insufficient rights in accordance with the principles of the present invention. Display scree 800 may be displayed if a requesting user attempts to located a requested user but has not been given access rights by the request user to his or her location. In such an instance insufficient rights message 801 may be prompted on display screen 800.

[0063] FIG. 9 shows display screen 900 of adding and modifying locate rights and options to a user in accordance with the principles of the present invention. A user may give or modify access rights through display 900 to a user identifier in selectable user identifier listing 910. Highlight window 920 may be included to enhance the selecting process.

[0064] FIG. 10 shows display screen 1000 of assigning location rights to a user in accordance with the principles of the present invention. Display screen 1000 may be displayed, for example, after a user has been selected to be given location rights. Display screen 1000 contains selectable location rights listing 1010, in which the selecting process may be enhanced by highlight window 1020. Possible location access rights may be, for example, by country, state, city, exact location, or any other scope of location. Other rights may be assigned such as particular times in the day or time periods at which locations may be accessed.

[0065] FIG. 11 shows display screen 1100 of alert options in accordance with the principles of the present invention. Display screen 1100 allows for a user to set up alerts depending on the location of specific users. Selectable alert listings 1110 are included and may be selectable with highlight window 1120. Examples of alerts that may be included in display screen 1100 may occur, for example, if the requested user is in a specific city or the same city as the user of display 1100, is within a certain distance, or if a user located the user of display 1100.

[0066] The alerts of the present invention may realize useful functionality. For example, suppose Susan Pracht lives in Pittsburgh and rarely comes to the city of the user of display screen 1100 on cell phone 300 (FIG. 3) which is New York City. The user of cell phone 300 (FIG. 3) may then use display screen 1100 and set an alert such that if Susan Pracht ever enters New York City, he or she would be alerted of Susan Pracht's presence.

[0067] FIG. 12 shows display screen 1200 of an alert feature in accordance with the principles of the present invention. Display screen 1200 includes an alert message and is displayed to a user when an event occurs that is designated by the user in display screen 1100 (FIG. 11). Continuing the example from FIG. 11, if Susan Pracht enters New York City, alert message 1210 would prompt the user that this event has occured.

[0068] FIG. 13 shows display screen 1300 of a login feature in accordance with the principles of the present invention. In order for users to be identified by other user's cell phones or locating devices a user profile may need to be stored remotely from such devices. In such instances user profiles would be used as the locating identifier and the devices into which these profiles are logged into (recognized by) would allow for the user to be located. Display screen 1300 allows for a user to log into a locating device of the present invention. Logging into a device also adds a level of security to the present invention, especially when combined with a password. A user may use the controls of the device of the present invention to enter login 1310 of display 1300.

[0069] In this manner a user may use another user's location device (e.g., cell phone) to locate a user or may use, for example, the internet to locate a user. Additionally, in this manner, a user may change the device being located. For example, a user may use his or her car GPS system or other systems in accordance with the principles of the present invention to be located instead of his or her cell phone. To further this example, a user may log into a web site on the internet and designate his or her current location as

home, or any other location, thus eliminating the need for locatable device entirely.

[0070] FIG. 14 shows display screen 1400 of a login feature in accordance with the principles of the present invention. Display screen 1400 may be used by a user to enter a password associated to his profile, identity, or cell phone functionality access. A user may enter password 1410 using the controls of the device of display screen 1400 (e.g., cell phone 300 of FIG. 3). By including a login/password scheme a user can be identified by a remote facility (e.g., a remote database) so that the user's location can be recorded/updated by multiple devices. Additionally, a login/password adds an extra level of security.

[0071] FIG. 15 shows cell phone 1500 that may be utilized to carry out the functionality in accordance with the principles of the present invention. Cell phone 1500 includes receiver/transmitter 1510, microprocessor 1520, positioning system 1530, and memory 1540.

[0072] Persons skilled in the art will appreciate that receiver/transmitter 1510 may directly communicate with memory 1540 if receiver/transmitter 1510 does not have its own memory (e.g., if receiver/transmitter 1510 are configured to utilize a buffer for capturing incoming communications bursts before demodulation and decryptions).

[0073] Positioning system 1530 may be, for example, a GPS system or a similar positioning system. Positioning system 1530 may include its own receiver for receiving particular signals utilized in positioning cell phone 1500.

[0074] FIG. 16 shows network topology 1600, in which all components of, or a part of the components of, may be utilized to carry out the features in accordance with the principles of the present invention. In this manner, persons skilled in the art will appreciate that multiple system configurations may be utilized. Topology 1600 introduces the diversity of systems that can be utilized to realize such configurations.

[0075] Generally, topology 1600 includes muliple mobile devices (e.g., multiple instances of mobile device 1601), access control devices and location broker devices (e.g., database 1602 and cell phone base station 1603), and non-mobile devices (e.g., grounded non-wireless device 1605). Persons skilled in the art will appreciate that other devices or facilities may be included in topology 1600. For example, one or more positioning systems 1601 may be included in topology 1600 in order to locate particular devices. For example, a positioning receiver (e.g., GPS receiver) may be included in wireless device 1601 with positing system 1601 being a positioning transmitter (e.g., GPS satellite network).

[0076] One or more wireless devices 1601 may be included in topology 1600 and may be, for example, watches, PDAs, cellular phones, radios, cars, or any other mobile device whose location can be determined.

[0077] As previously mentioned, access control and location broker devices may be included in topology 1600. Such devices may be utilized, for example, to store user access rights for a particular user and may contain functionality to request and route a device's location. These devices may be considered information broker's such that devices may be added, removed, or

modified without creating the necessity of having to modify the other devices of topology 1600.

[0078] Database 1602 is one such information broker. Database 1602 may, for example, be located in cell phone base station 1603 if database 1602 is utilized to assist in cell phone locating. Database 1602 may be utilized, for example, to store a history a of a device's locations, a user's list of assigned access rights to other users, a log of a user's call activity, a log of a location initiations, a user profile, login/password information, or any other sort of information. Many features may be provided that utilize such information, For example, n approximate location may be determined for a device that is turned OFF (e.g., by utilizing the device's location history). As per another example, if a cell phone is lost and a new one replaced, information such as, for example, phone books, activity logs, and assigned user access rights may be downloaded/flashed into the cell phone.

[0079] Database 1602 may be accessed either directly (e.g., manually by an user of the device) or indirectly (e.g., periodically) by a cell phone or other device. Alternatively, a device or cell phone may access database 1602 directly (e.g., manually by an administrator of the database) or indirectly (e.g., periodically) by database 1602.

[0080] A credit card authorization system is an example of additional system 1606 that may be added to topology 1600 to realize new features. Such a credit card authorization system, as described above, could utilize a devices location in order to decrease credit card fraud. System 1600 may also be, for example, systems needed to realize the described dating

functionalities or another information provider (e.g., a map information provider).

[0081] Non-wireless devices 1605 (e.g., a personal computer) may be included in topology 1600. Such devices may have locations associated to them or contain a positioning system. These locations may then be associated to a user that is recognized as using the device. For example, if a particular user logs into a non-mobile personal computer, that user's location will be recognized as being the location associated to the personal computer.

[0082] The devices of topology 1600 communicate with each other through communications network 1610. Communications network 1610 may include, for example, any type of communications, routing, amplification, encryption, decryption, parsing, modulation, or demodulation technologies. For example, positioning system 1601 may communicate with wireless device 1601 by sending multiple wireless positioning signals. At the same time, database 1602 may be providing non-wireless device 1605 with a device's location over conventional telephone wires.

[0083] FIG. 17 shows locating feature 1700 in accordance with the principles of the present invention. Locating feature 1701 starts at step 1701 and waits at step 1702 until a location is requested. As stated, a location can be requested in a number of instances and by a variety of different means.

[0084] For example, a location may be requested by a user of a cell phone that desires to locate a friend by locating that friend's cell phone. Alternatively, a device may be triggered to request a location of a mobile device when an event occurs. For example, a

credit card authorization system may request the location of a user's cell phone and the location of a store that just used a credit card associated to the requested user.

[0085] If a location is requested, access rights to the requested location for the requesting device and/or user are obtained at step 1703. Step 1703 may be employed for example, as a call to a database storing a list of assigned access rights for the requested device/user and finding if any access rights were assigned to the requestor's identity. As per another example, step 1703 may be employed as a direct call to the requested device/user.

[0086] Step 1704 determines if the requestor has been assigned access rights to obtain the requested device/user's location. Persons skilled in the art will appreciate that some devices may always have access to a user's location regardless if a user has assigned access rights to the requesting device. In this manner, a device may be set up to always let a user access a location. For example, a mother may purchase a cell phone for a minor and may configure the cell phone to always allow her location information.

[0087] If access rights do exist for the requesting device/user at step 1704 then step 1705 may be initiated and location information may be provided to the requestor. Such location information may be filtered according to the assigned access rights. For example, if a user has only been assigned access rights to obtain the requested user's city location, only the city that the requested user/device is currently located in (or the last city location available) may be obtained. The process then finishes at step 1707 after

the assigned location information has been delivered to the requestor at step 1705. Persons skilled in the art will appreciate that steps may be added to, removed, or modified from locating feature 1700. For example, instead of finish step 1707, step 1702 may be initiated after step 1706 has completed.

[0088] If a requestor has not been assigned rights to access the requested user/device's location as determined by step 1704, then step 1712 may be initiated. Step 1712 informs the requestor that the requestor does not have access rights to obtain the location of a user/device. Step 1711 may follow and provide an opportunity for the requestor to obtain the access rights. More particularly, step 1711 asks the requestor if the requestor would like to request access rights. If the requestor does not want to request access rights, locating feature 1700 may, for example, return to step 1702. Else, access rights may be requested at step 1721. Step 1722 follows and if access rights were given then step 1705 may be initiated. Else, step 1712 may, for example, be re-initiated.

[0089] FIG. 18 shows one embodiment of a cell phone burst that has been configured to embed a device or user's location 1801 between control signals (e.g., synchronization signals) and data signals. Persons skilled in the art will appreciate that some cell phone burst standards (e.g., TDMA and CDMA) have signal portions that are reserved for future technologies. In one embodiment, this reserved portion is utilized to house location information 1801. A cell phone tower or base information may then strip received signals 1800 of location information 1801, store location

information 1801 into a database or other storage device, and deliver the received signals to its desired location. In this manner, a user may refresh his/her location information every time that a cell phone base station receives or routes information for the user. By stripping location information 1801 from signal 1800, the intended receiver does not have access to the location of the device transmitting signal 1800. A signal similar to signal 1800 may be sent to a cell phone that has requested, and has the appropriate location access rights, to location 1801. Location 1701 may also be stored in other portions of signal 1700 that are not reserved portions. For example, a received signal 1800 may store location information in the data portions of signal 1800. In embodiments where additional information is sent about location 1801 (e.g., a map associated with location 1801) utilizing a main data portion of signal 1800 is preferred. Persons skilled in the art will appreciate that signal burst 1800 may actually be any type of communication signal such as, for example, information returned from a database inquiry.

[0090] Persons skilled in the art will also appreciate that the systems and methods of the present invention may be implemented using other locating features and configurations. For example, a user may be manually requested to allow location access rights every time his/her location is requested. As per another example, a user may organize his/her user list into groups and assign access rights to that group (e.g., family member user group, close friend user group). All such modifications are within the scope of

the present invention, which is limited only by the claims that follow.

What is Claimed is:

1. A method of mobile-to-mobile locating, said method comprising:

requesting a location of a first wireless device by a second wireless device;

assigning location access rights to said second wireless device by said first wireless device;

determining said access rights assigned by said first wireless device to said second wireless device; and

providing said location to said second wireless device dependent upon said access rights.

2. The method of claim 1 wherein said first and second wireless devices are cellular phones.

SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME

Abstract of the Disclosure

Systems and methods for locating a cellular phone are provided. More particularly, systems and methods for providing the location of a requested user's cellular phone from a requesting user's device (e.g., a second cellular phone) based on access rights defined by the requested user. Location descriptions may be provided at a multitude of levels. For example, if a cellular phone, or an identity associated to (e.g., logged into) a cellular phone, has been given access rights to a cell phone's exact location for an indefinite amount of time, that cell phone can receive, on command, the exact location of the approved cell phone. Other levels of location information that can be granted include, for example, proximities, states, and countries.

DECLARATION

I, Jeffrey D. Mullen, declare that I am a citizen of the United States of America, respectively residing at and having post office addresses at 1 Mercer Court, Scarsdale, New York 10583; and

that I verily believe myself to be the original and first inventor of the invention or discovery in:

SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME

which is described and claimed in the attached specification, and for which a patent is sought;

that I have reviewed and do understand the content of said specification, including the claims, and acknowledge my duty to disclose to the United States Patent and Trademark Office information known by myself to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56;

that I do not know and do not believe that this invention or discovery was ever known or used in the United States of America before my invention or discovery thereof, or patented or described in any printed publication in any country before my invention or discovery thereof, or more than one year prior to this application; or in public use or on sale in the United States of America more than one year prior to this application; that this invention or discovery has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an

application filed by myself or my legal representatives or assigns more than twelve months prior to this application; and that no application for patent or inventor's certificate on this invention or discovery has been filed in any country foreign to the United States of America by myself or my legal representatives or assigns;

I hereby claim the benefit under Title 35, United States Code § 119(e) to the United States provisional application listed below.

60/367,967	March 25, 2002
(Application Serial No.)	(Filing Date)

and I request that communications be sent to:

Jeffrey D. Mullen
1 Mercer Court
Scarsdale, New York 10583

and that telephone calls be directed to:

Jeffrey D. Mullen
(914) 837-7741

Wherefore, I pray that Letters Patent be granted to myself for the invention or discovery described and claimed in the attached specification and claims, and I hereby subscribe my name to the foregoing specification, claims, and declaration.

I declare, further, that I understand the English language and that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

3/25/03
Date

Jeffrey D. Mullen

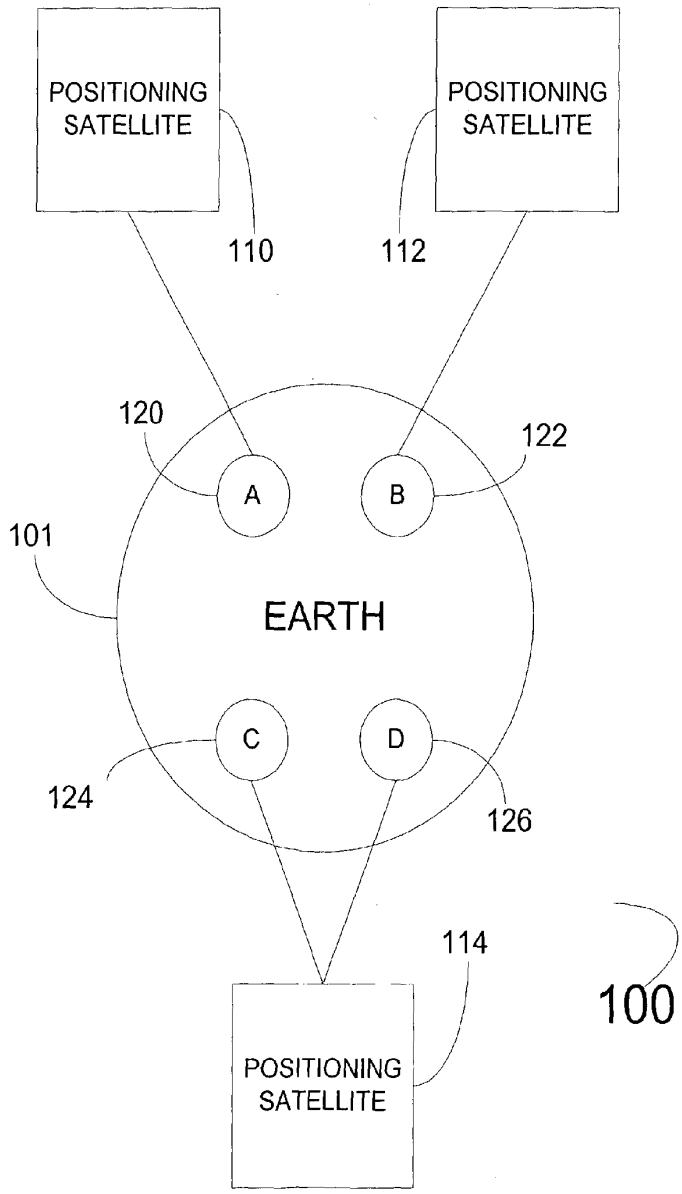

POSITIONING SATELLITE
POSITIONING SATELLITE
110
112
120
122
A
B
101
EARTH
C
D
124
126
114
100
POSITIONING SATELLITE

FIG. 1

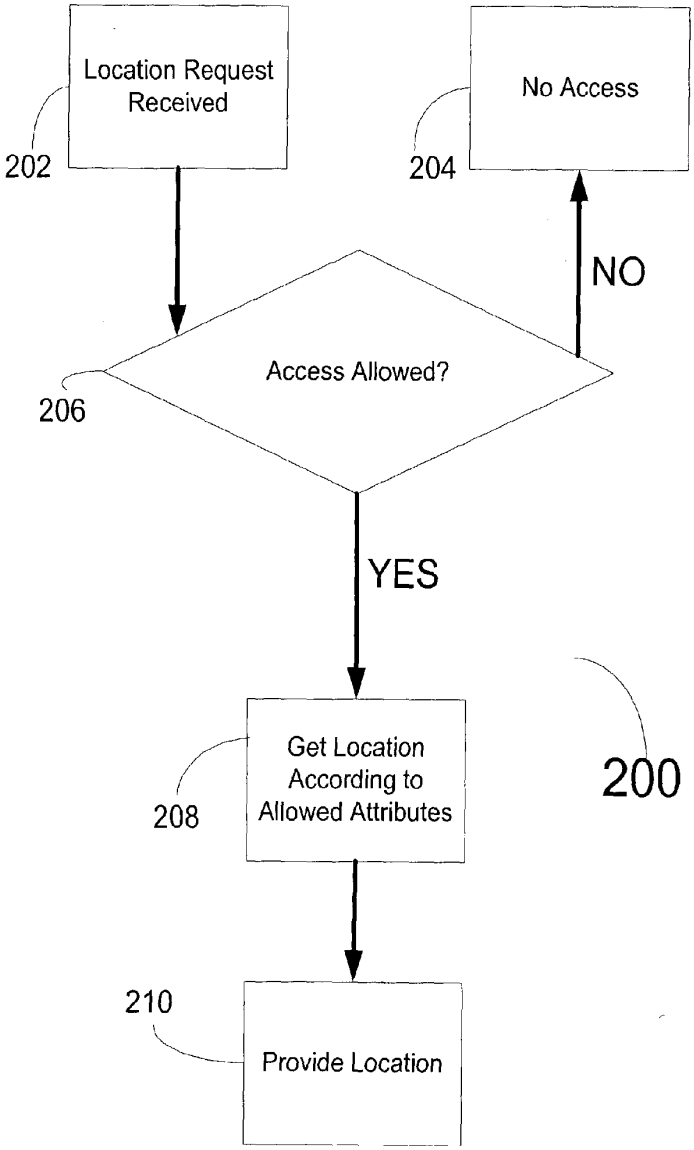

Location Request Received
202
No Access
204
NO
Access Allowed?
206
YES
Get Location According to Allowed Attributes
208
200
210
Provide Location

FIG. 2

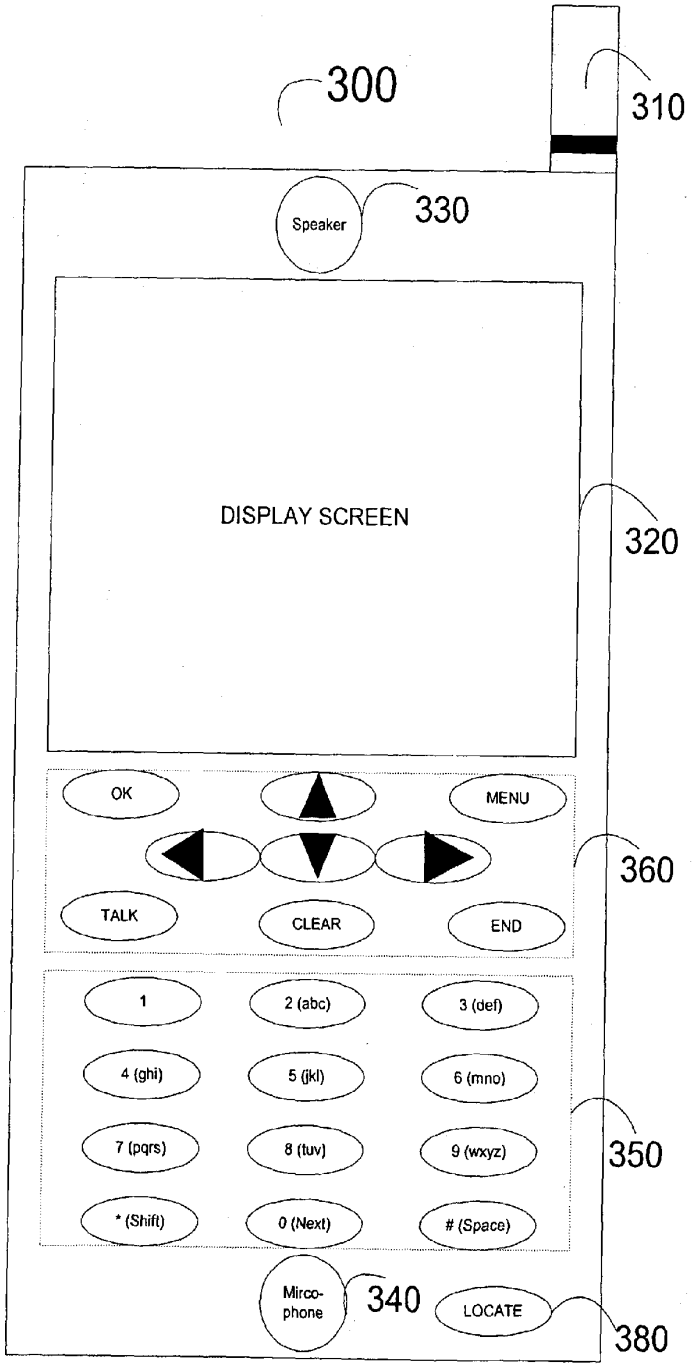

300
310
Speaker
330
DISPLAY SCREEN
320
OK
MENU
TALK
CLEAR
END
360
1
2 (abc)
3 (def)
4 (ghi)
5 (jkl)
6 (mno)
7 (pqrs)
8 (tuv)
9 (wxyz)
* (Shift)
0 (Next)
(Space)
350
Mirco-phone
340
LOCATE
380

FIG. 3

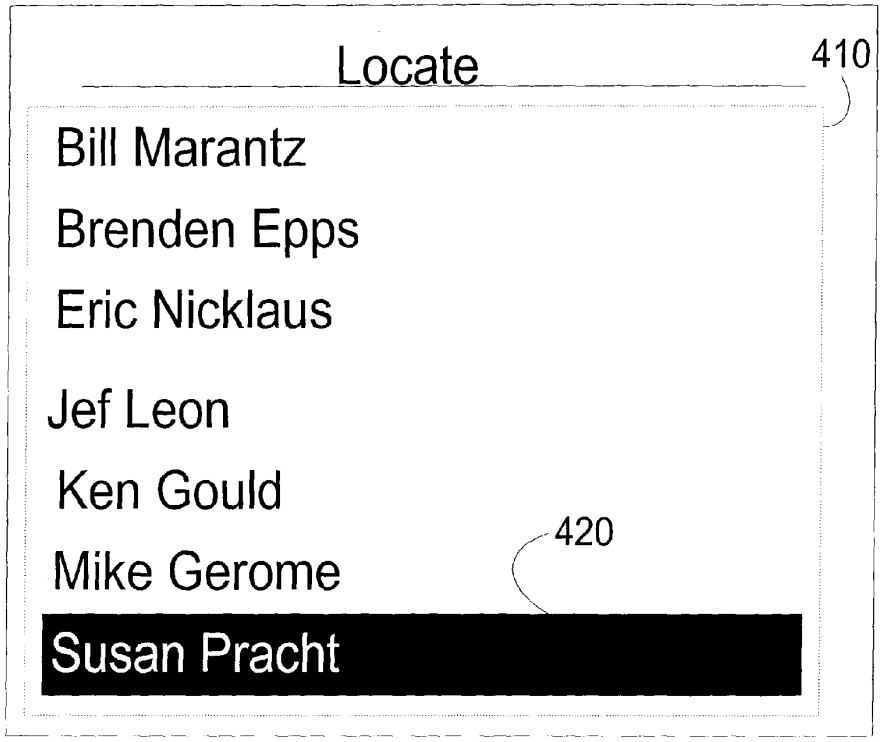

Locate
410
Bill Marantz
Brenden Epps
Eric Nicklaus
Jef Leon
Ken Gould
Mike Gerome
420
Susan Pracht

FIG. 4

400

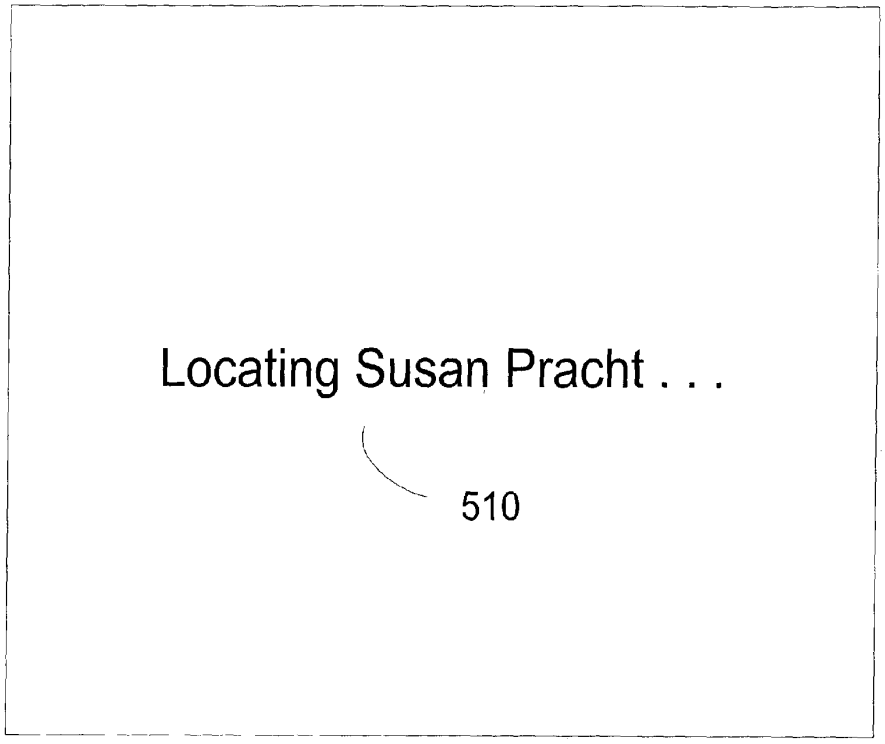


FIG. 5

500

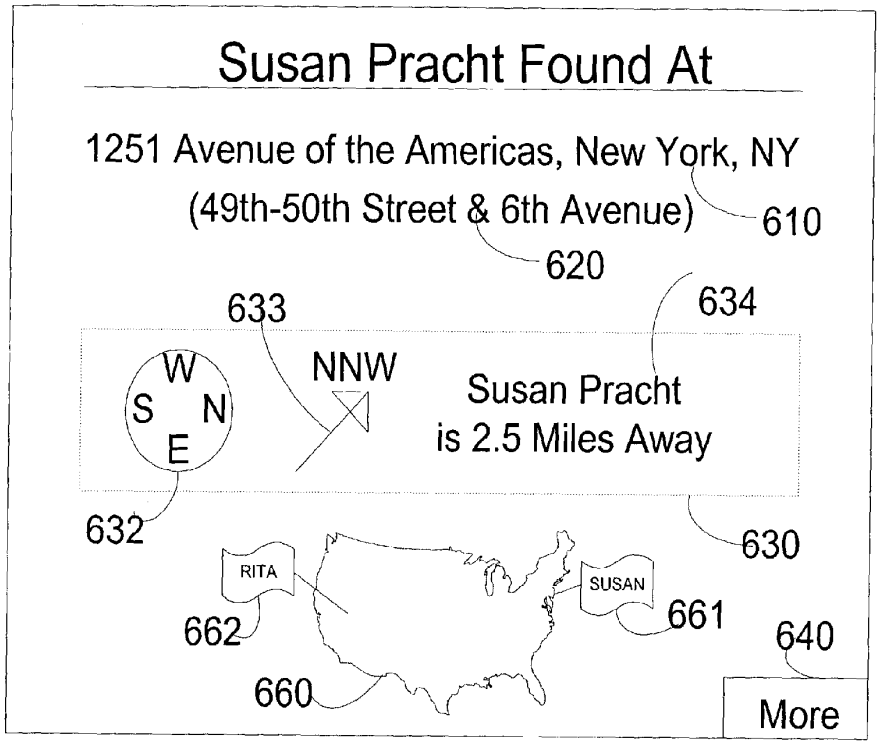

Susan Pracht Found At
1251 Avenue of the Americas, New York, NY
(49th-50th Street & 6th Avenue)
610
620
633
634
W
S
N
E
NNW
Susan Pracht
is 2.5 Miles Away
632
630
RITA
SUSAN
662
661
640
660
More
600

FIG. 6

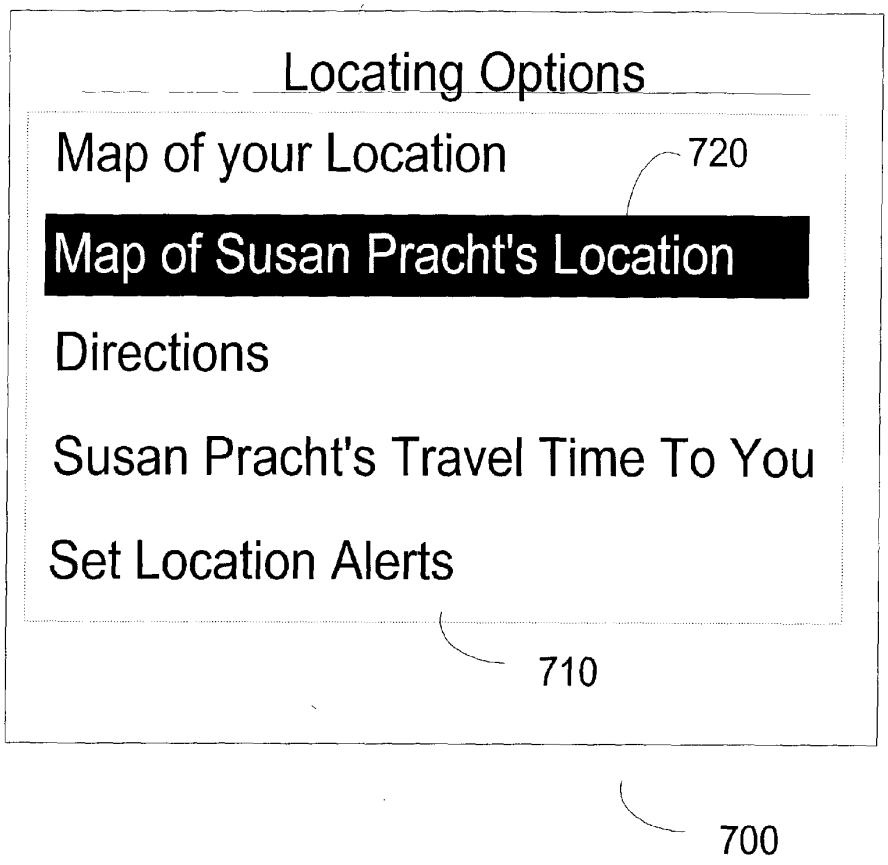

Locating Options
Map of your Location
720
Map of Susan Pracht's Location
Directions
Susan Pracht's Travel Time To You
Set Location Alerts
710
700

FIG. 7

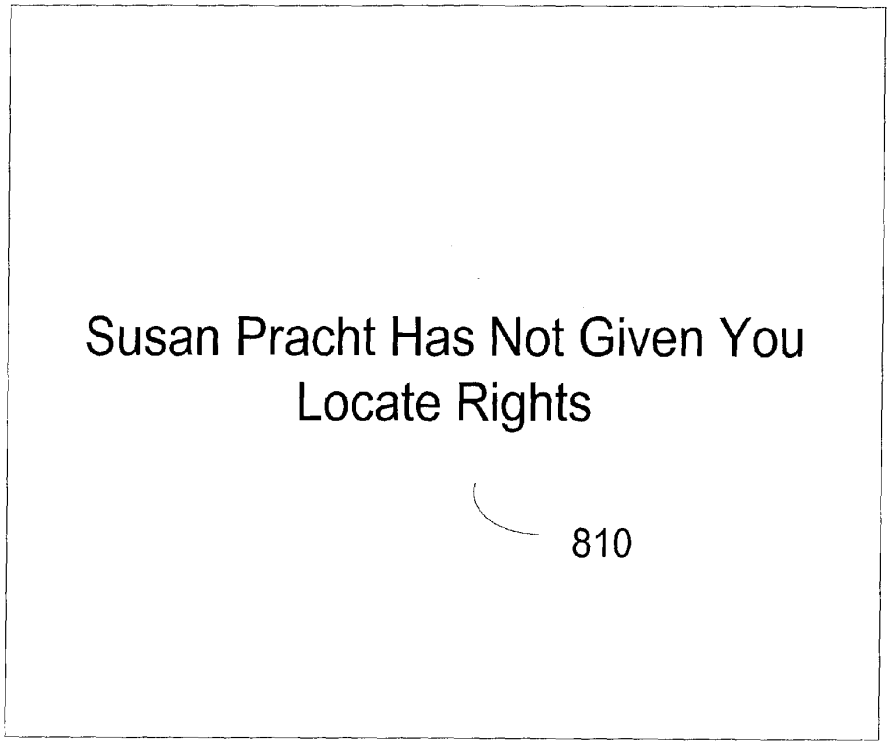


FIG. 8

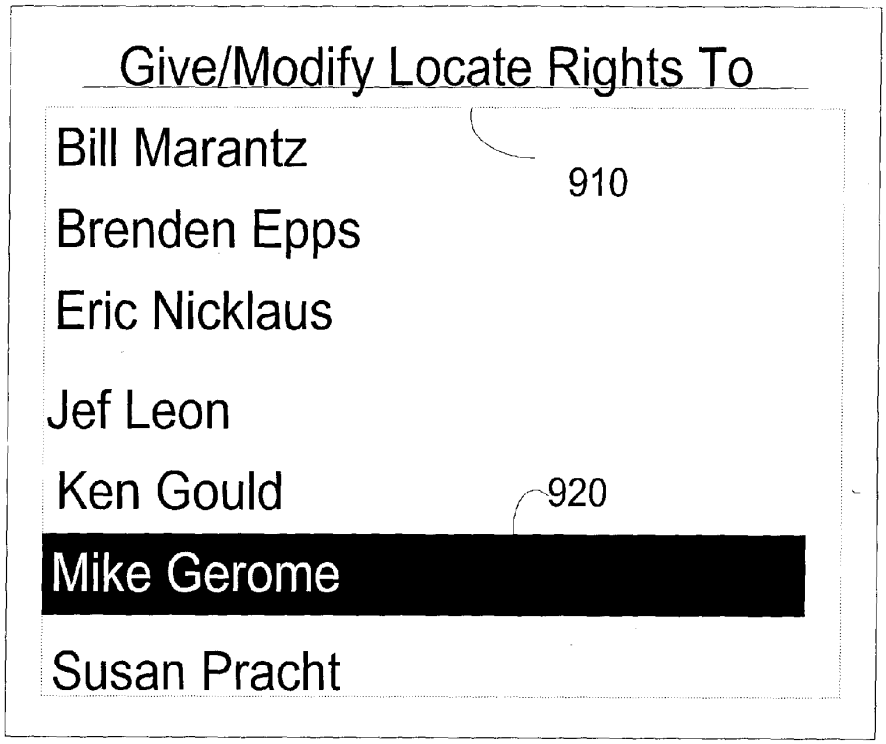

Give/Modify Locate Rights To
Bill Marantz
910
Brenden Epps
Eric Nicklaus
Jef Leon
Ken Gould
920
Mike Gerome
Susan Pracht
900

FIG. 9

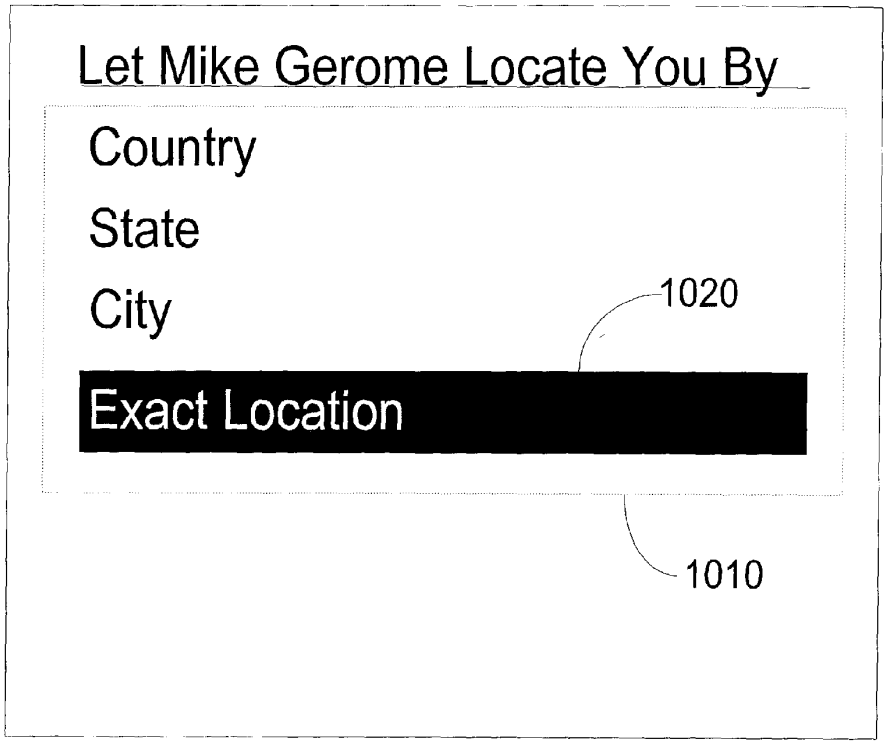

Let Mike Gerome Locate You By
Country
State
City
Exact Location
1020
1010
1000

FIG. 10

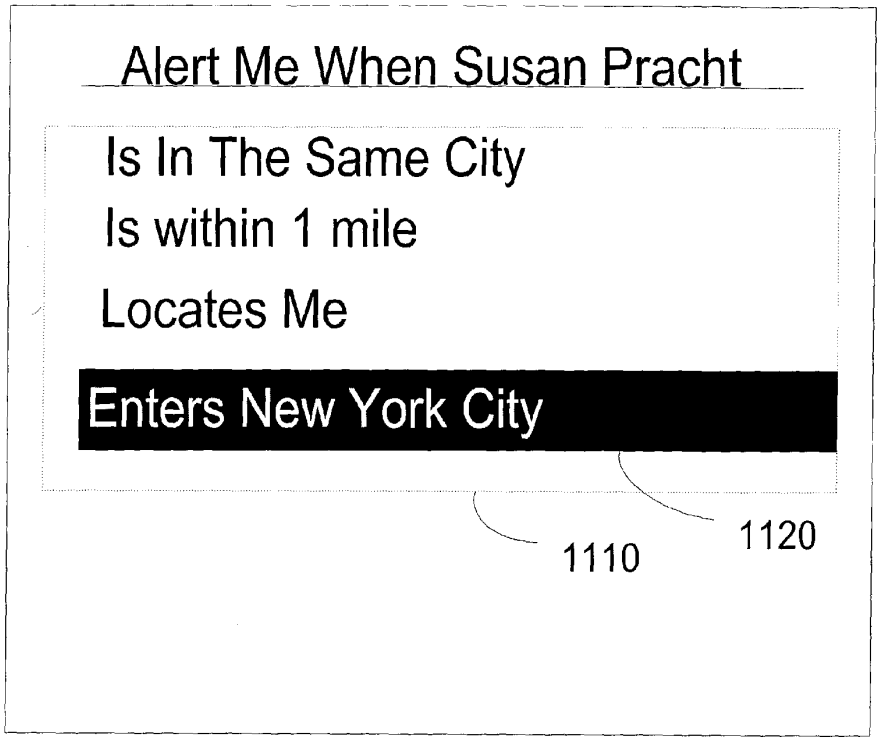

Alert Me When Susan Pracht
Is In The Same City
Is within 1 mile
Locates Me
Enters New York City
1110
1120
1100

FIG. 11

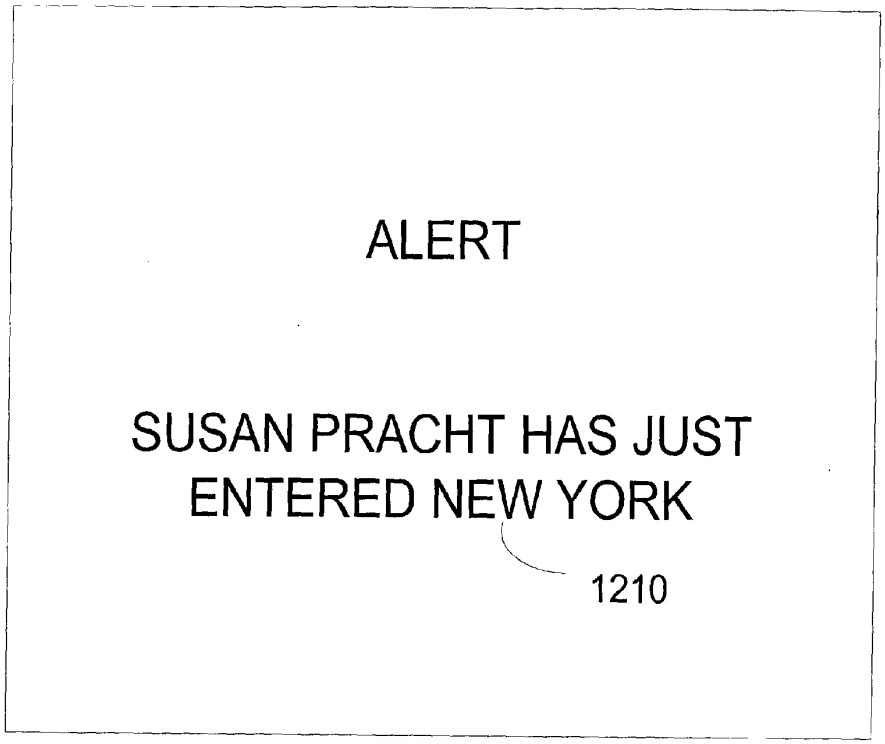


FIG. 12

1200

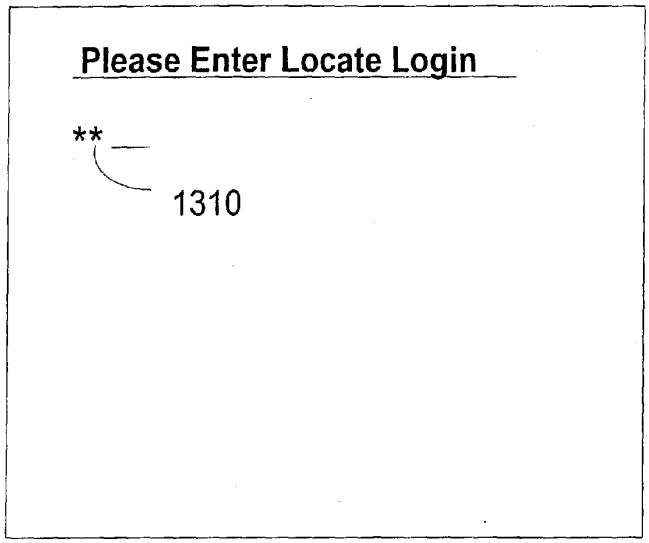

Please Enter Locate Login
**
1310
1300

FIG. 13

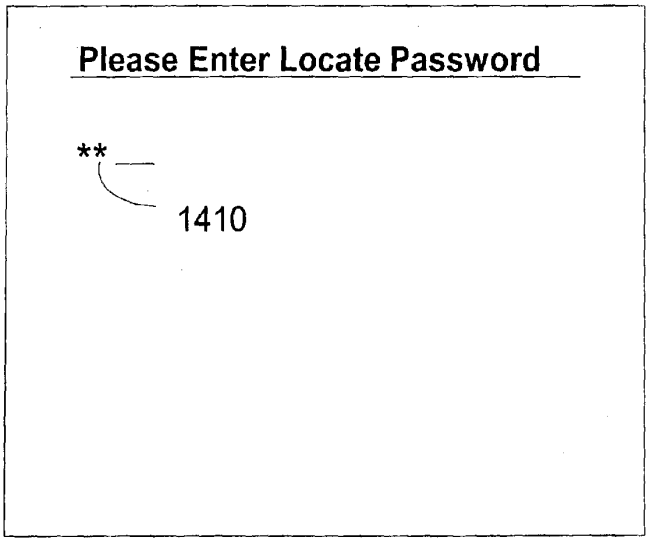

Please Enter Locate Password
**
1410
1400

FIG. 14

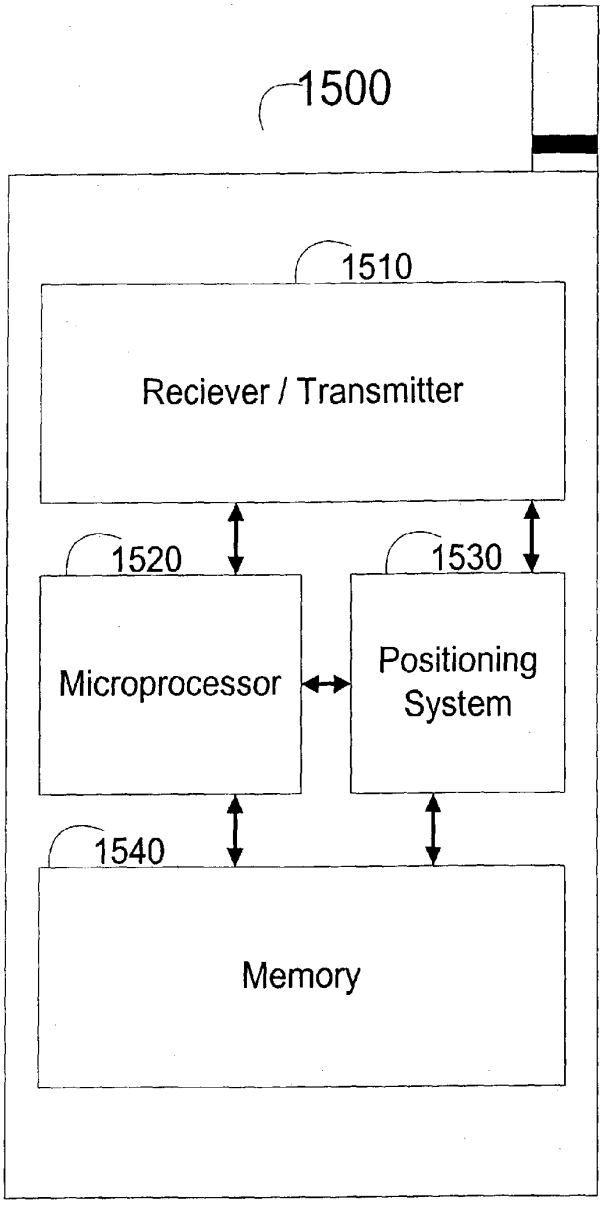

1500
1510
Reciever / Transmitter
1520
1530
Microprocessor
Positioning System
1540
Memory

FIG. 15

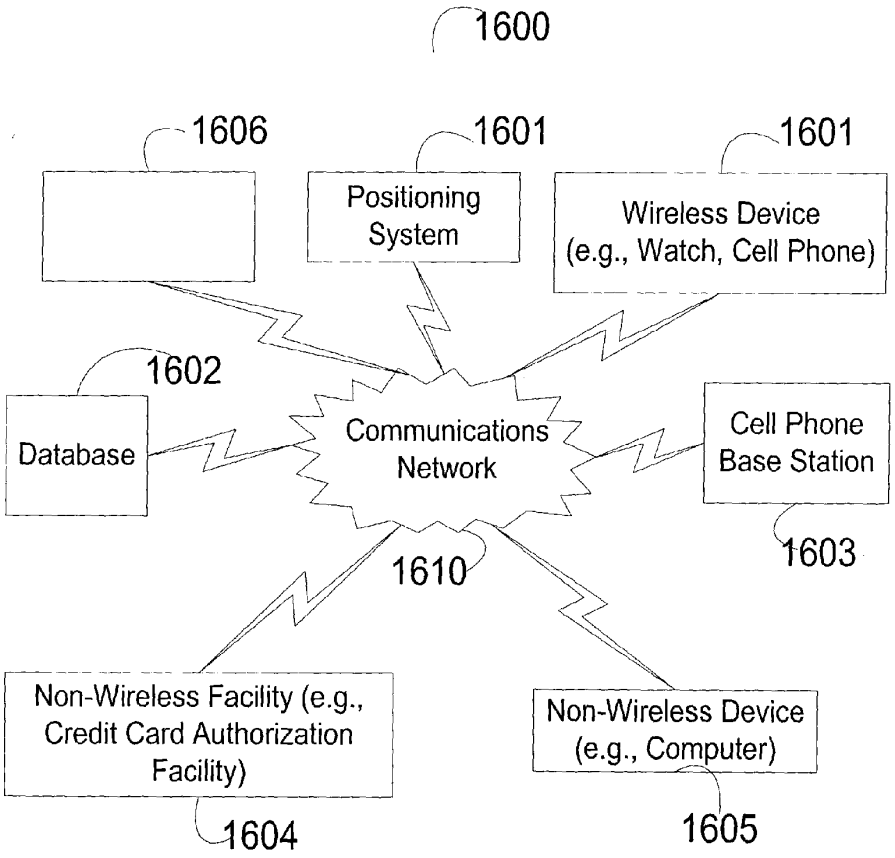

1600
1606
1601
1601
Positioning System
Wireless Device (e.g., Watch, Cell Phone)
1602
Database
Communications Network
Cell Phone Base Station
1603
1610
Non-Wireless Facility (e.g., Credit Card Authorization Facility)
Non-Wireless Device (e.g., Computer)
1604
1605

FIG. 16

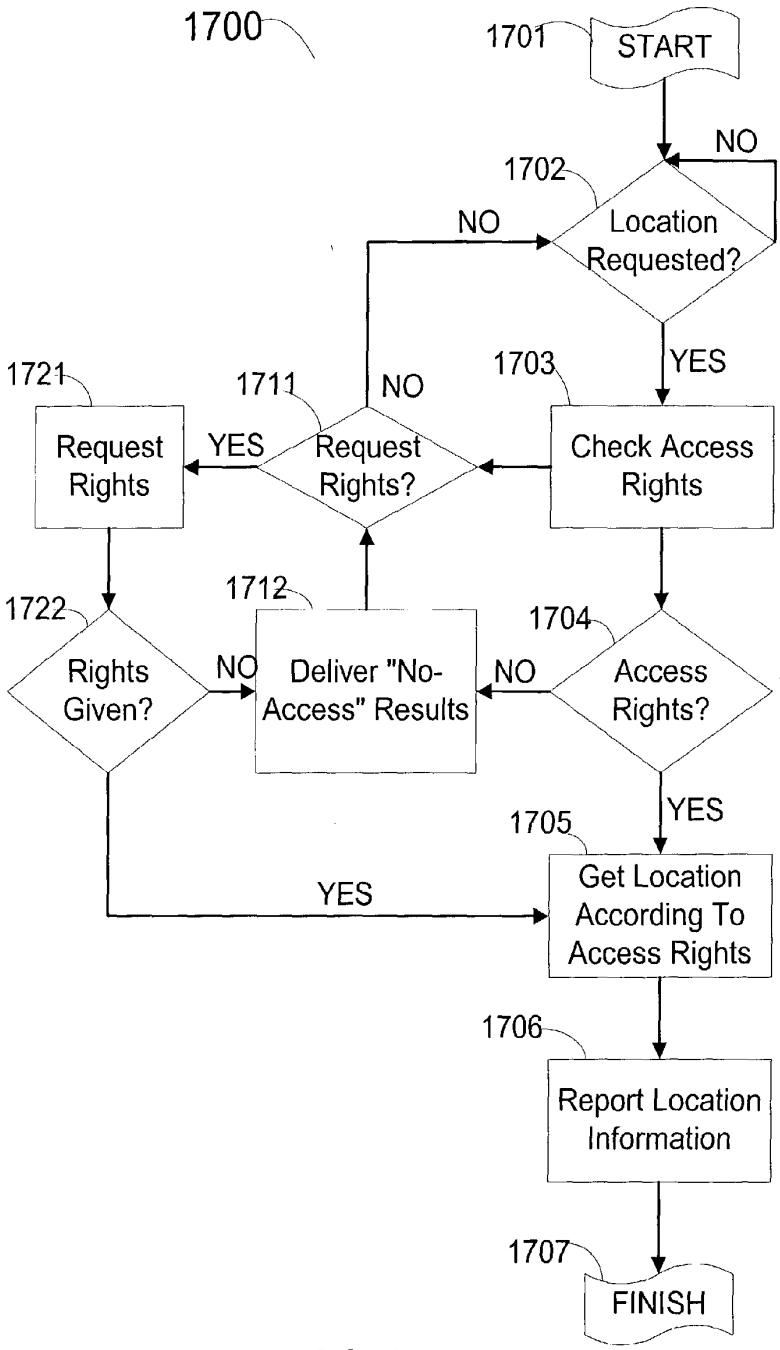

1700
1701
START
NO
1702
Location Requested?
NO
YES
1703
Check Access Rights
1711
NO
Request Rights?
YES
1721
Request Rights
1712
1722
Rights Given?
NO
Deliver "No-Access" Results
NO
1704
Access Rights?
YES
1705
YES
Get Location According To Access Rights
1706
Report Location Information
1707
FINISH

FIG. 17

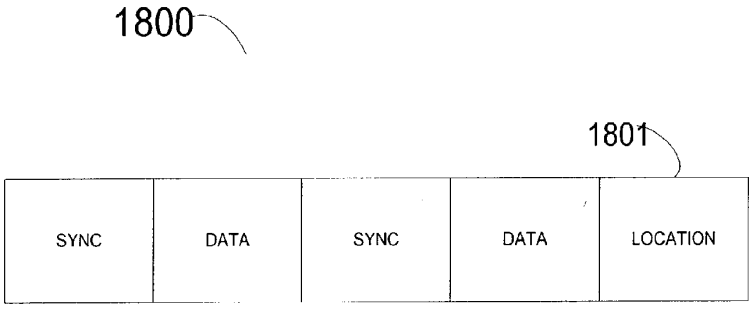


FIG. 18

JDM/002 CON3

Applicant : Jeffrey D. Mullen

For : SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME

Hon. Commissioner For Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

TRANSMITTAL LETTER FOR RULE 53(b)
CONTINUING PATENT APPLICATION

Sir:

This is a request for filing a ☒ continuation, ☐ divisional, application of pending prior Application No. 10/400,296, (Confirmation No. 8666), filed March 25, 2003.

Transmitted herewith for filing are the ☒ specification; ☒ claims; ☒ abstract; ☒ declaration;☒ Application Data Sheet; for the above-identified patent application.

The enclosed declaration is:

☐ Newly executed (original or copy).

☒ Copy from a prior application (37 C.F.R. § 1.63(d)).

☐ A signed statement is attached deleting inventors named in the prior application (37 C.F.R. §§ 1.63(d)(2) and 1.33(b)).

☒ The entire disclosure of the prior application, from which a copy of the declaration is supplied, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

☐ The prior application, Application No._____, filed _____, is assigned of record to
_____
_____
_____.

Also transmitted herewith are:

☒ Seventeen (17) of:

☐ Formal Drawings.

☒ Informal drawings. Formal drawings will be filed during the pendency of this application.

☐ An assignment of the invention to _____.

☐ A check in the amount of $40.00 to cover the recording fee.

☐ Please charge $40.00 to Deposit Account No. _____ in payment of the recording fee. A duplicate copy

of this transmittal letter is transmitted herewith.

☒ A Preliminary Amendment.

☒ Small Entity Status is respectfully requested.

☒ This Continuation is being filed using the Electronic Filing System. The fees associated with this filing will be paid on the Electronic Filing System. The Direction is hereby authorized to charge payment of any additional filing fees required under 37 C.F.R. § 1.16 in connection with the paper(s) transmitted herewith, or credit any overpayment of same, to Deposit Account No. 50-3855, Order No. JDM-002 CON3.

/Jeffrey D. Mullen/
Jeffrey D. Mullen
Applicant (Reg. No. 52,056)
Customer No. 32733
350 West 43rd St., Apt. 5H
New York, N.Y. 10036
Telephone: (914) 837-7741

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Jeffrey D. Mullen
Application No.	:	Not Yet Assigned
Confirmation No.	:	Not Yet Assigned
Filed	:	Herewith
For	:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
Group Art Unit	:	Not Yet Assigned
Examiner	:	Not Yet Assigned

Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

New York, NY 10036
August 3, 2006

PRELIMINARY AMENDMENT

Sir:

Before examination of the application, please amend the application as follows:

Amendments to the Specification are reflected on page 2.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks/Arguments begin on page 6 of this paper.

Amendments to the Specification:

Please add the following after page 1, line 2 and before page 1, line 3 of the specification.

--Cross-Reference To Related Applications

This application is a continuation of U.S. Patent Application No. 10/400,296, filed on March 25, 2003, which claims the benefit of U.S. Provisional Application No. 60/367,967, filed on March 25, 2002, both of which are incorporated by reference herein in their entirety.--

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-2. (cancelled).

3. (new) A method comprising:

displaying on a first wireless telephonic device a plurality of users, wherein each one of said plurality of users is associated to a different one of a plurality of wireless telephonic devices;

receiving a first manual input in the form of a selection of one of said plurality of users;

receiving a second manual input in the form of a password;

determining whether to allow access of location information for said one of said plurality of wireless telephonic devices associated to said selected one of said plurality of users, wherein said determination includes identifying said user of said first wireless telephonic device using said password;

transmitting said location information from a server to said first wireless telephonic device; and

displaying said location information on said first wireless device.

4. (new) The method of claim 3, wherein a positioning system is utilized to provide said location information.

5. (new) A method comprising:

displaying on a wireless device a first name associated to a first wireless telephonic device and a second name associated to a second wireless telephonic device;

accepting a selection of said first name on said wireless device;

performing an identification process based on manual input entered into said wireless device;

determining whether to transmit location information associated to said first wireless telephonic device from a server to said wireless device, wherein said server is located remotely from said wireless device, said first wireless telephonic device, and said second wireless telephonic device;

transmitting said location information to said wireless device based on said manual input; and

displaying said location information on said wireless device.

6. (new) The method of claim 5, wherein a positioning system is utilized to provide said location information.

7. (new) A method comprising:

accepting on a first wireless device a manual selection representative of a second wireless device;

locating said second wireless device;

determining on a server whether said second wireless device has provided permission for said first wireless device to locate said second wireless device;

providing location information to said first wireless device based on said determination; and

displaying a map on said first wireless device with a marker representative of the location of said second wireless device.

8. (new) The method of claim 7, wherein a positioning system is utilized to provide said location information.

REMARKS

Summary of Applicant's Amendments

Applicant has cancelled claims 1 and 2 without prejudice. Applicant reserves the right to claim the subject matter lost in the cancellation of claims 1 and 2 in a continuation or divisional application.

Applicant has added claims 3-8 in order to more particularly point out and distinctly claim the subject matter that applicant regards as the invention.

Conclusion

Applicant respectfully submits that this application, including pending claims 3-8, is in condition for allowance.

Reconsideration and prompt allowance of this application are respectfully requested.

Respectfully Submitted,

/Jeffrey D. Mullen/
Jeffrey D. Mullen
Applicant (Reg. No. 52,056)
Customer No. 32733
350 West 43rd Street, Apt. 5H
New York, NY 10036
Tel.: (914) 837-7741

Electronic Patent Application Fee Transmittal

Application Number:	
Filing Date:	
Title of Invention:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
First Named Inventor:	Jeffrey D Mullen
Filer:	Jeffrey David Mullen
Attorney Docket Number:	JDM/002 CON3

Filed as Small Entity

Utility Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Utility filing Fee (Electronic filing)	4011	1	75	75
Utility Search Fee	2111	1	250	250
Utility Examination Fee	2311	1	100	100
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
		Total in USD ($)		**425**

Electronic Acknowledgement Receipt

EFS ID:	1139822
Application Number:	11462201
Confirmation Number:	4907
Title of Invention:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
First Named Inventor:	Jeffrey D Mullen
Customer Number:	32733
Filer:	Jeffrey David Mullen
Filer Authorized By:	
Attorney Docket Number:	JDM/002 CON3
Receipt Date:	03-AUG-2006
Filing Date:	
Time Stamp:	15:49:35
Application Type:	Utility
International Application Number:	

Payment information:

Submitted with Payment	yes
Payment was successfully received in RAM	$425
RAM confirmation Number	165
Deposit Account	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)	Multi Part	Pages

1	Specification	JDM-002CON3-Spec.pdf	1180900	no	29
Warnings:					
Information:					
2	Claims	JDM-002CON3-Claims.pdf	17354	no	1
Warnings:					
Information:					
3	Abstract	JDM-002CON3-Abstract.pdf	25398	no	1
Warnings:					
Information:					
4	Oath or Declaration filed	JDM-002CON3-Oath.pdf	84811	no	3
Warnings:					
Information:					
5	Drawings	JDM-002CON3-Drawings.pdf	265599	no	17
Warnings:					
Information:					
6	Transmittal letter	JDM-002CON3-Transmittal.pdf	14780	no	2
Warnings:					
Information:					
7		JDM-002CON3-Preliminary.pdf	19626	yes	6

Multipart Description

Doc Desc	Start	End
Preliminary Amendment	1	1
Specification	2	2
Claims	3	5
Applicant Arguments/Remarks Made in an Amendment	6	6

Warnings:

Information:					
8	Fee Worksheet (PTO-875)	fee-info.pdf	8381	no	2
Warnings:					
Information:					
			Total Files Size (in bytes):	1616849	

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.

PTO/SB/14 (08-05)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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Application Data Sheet 37 CFR 1.76	Attorney Docket Number	JDM/002 CON3
	Application Number	
Title of Invention	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME	

The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76.
This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.

Secrecy Order 37 CFR 5.2

☐ Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

Applicant Information:

Applicant 1 Remove

Applicant Authority ◉ Inventor ○ Legal Representative under 35 U.S.C. 117 ○ Party of Interest under 35 U.S.C. 118

Prefix	Given Name	Middle Name	Family Name	Suffix
	Jeffrey	D	Mullen	

Residence Information (Select One) ◉ US Residency ○ Non US Residency ○ Active US Military Service

City	New York	State/Province	NY	Country of Residence [i]	US

Citizenship under 37 CFR 1.41(b) [i] US

Mailing Address of Applicant:

Address 1	350 West 43rd St., Apt. 5H		
Address 2			
City	New York	State/Province	NY
Postal Code	10036	Country [i]	US

All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the **Add** button. Add

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below.
For further information see 37 CFR 1.33(a).

☐ **An Address is being provided for the correspondence Information of this application.**

Customer Number	32733		
Email Address	jmullen54@aol.com	Add Email	Remove Email

Application Information:

Title of the Invention	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME		
Attorney Docket Number	JDM/002 CON3	Small Entity Status Claimed	☑
Application Type	Nonprovisional		
Subject Matter	Utility		
Suggested Class (if any)		Sub Class (if any)	
Suggested Technology Center (if any)			
Total Number of Drawing Sheets (if any)	17	Suggested Figure for Publication (if any)	

PTO/SB/14 (08-05)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	JDM/002 CON3
	Application Number	
Title of Invention	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME	

Publication Information:
☐ Request Early Publication (Fee required at time of Request 37 CFR 1.219)
☐ Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application has not been and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32).
Enter either Customer Number or complete the Representative Name section below. If both sections are completed the Customer Number will be used for the Representative Information during processing.

Please Select One:	◉ Customer Number	○ US Patent Practitioner	○ US Representative (37 CFR 11.9)
Customer Number	32733		

Domestic Priority Information:

This section allows for the applicant to claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c). Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78(a)(2) or CFR 1.78(a)(4), and need not otherwise be made part of the specification.

Prior Application Status	Pending		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	Continuation of	10/400296	2003-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/400296	non provisional of	60/367967	2002-03-25

Additional Domestic Priority Data may be generated within this form by selecting the **Add** button. Add

Foreign Priority Information:

This section allows for the applicant to claim benefit of foreign priority and to identify any prior foreign application for which priority is not claimed. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55(a).

Remove

Application Number	Country [i]	Parent Filing Date (YYYY-MM-DD)	Priority Claimed
			○ Yes ◉ No

Additional Foreign Priority Data may be generated within this form by selecting the **Add** button. Add

PTO/SB/14 (08-05)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	JDM/002 CON3
	Application Number	
Title of Invention	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME	

Assignee Information:

Providing this information in the application data sheet does not substitute for compliance with any requirement of part 3 of Title 37 of the CFR to have an assignment recorded in the Office.

Assignee 1 Remove

If the Assignee is an Organization check here. ☐

Prefix	**Given Name**	Middle Name	**Family Name**	Suffix

Mailing Address Information:

Address 1			
Address 2			
City		**State/Province**	
Country [i]		Postal Code	
Phone Number		Fax Number	
Email Address			

Additional Assignee Data may be generated within this form by selecting the **Add** button. Add

Signature:

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the form of the signature.

Signature	/Jeffrey D. Mullen/			Date (YYYY-MM-DD)	2006-08-03
First Name	Jeffrey D	Last Name	Mullen	Registration Number	52056

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

JDM/002 CON3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Jeffrey D. Mullen
Application No.	:	11/462,201 Confirm No.: 4907
Filed	:	August 3, 2006
For	:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
Group Art Unit	:	Not Yet Assigned
Examiner	:	Not Yet Assigned

Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

New York, NY 10036
August 3, 2006

TRANSMITTAL

Sir:

Today, August 3, 2006, the above-identified continuation was filed. An Application Data Sheet was noted as being filed in the original Transmittal. An Application Data Sheet, however, was not filed. Accordingly, an Application Data Sheet is being submitted herewith through the Electronic Filing System. This Application Data Sheet should be accorded a filing date of August 3, 2006 and should be considered a part of the original filing.

As noted above, this Application Data Sheet is being filed using the Electronic Filing System. Any fees associated with this filing will be paid on the Electronic Filing System. The Direction, however, is hereby authorized to charge payment of any additional filing fees required under 37 C.F.R. § 1.16 in connection with the paper(s) transmitted herewith, or credit any overpayment of same, to Deposit Account No. 50-3855.

/Jeffrey D. Mullen/

Jeffrey D. Mullen
Applicant (Reg. No. 52,056)
Customer No. 32733
350 West 43rd St., Apt. 5H
New York, N.Y. 10036
Telephone: (914) 837-7741

Electronic Acknowledgement Receipt

EFS ID:	1140041
Application Number:	11462201
Confirmation Number:	4907
Title of Invention:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
First Named Inventor:	Jeffrey D Mullen
Customer Number:	32733
Filer:	Jeffrey David Mullen
Filer Authorized By:	
Attorney Docket Number:	JDM/002 CON3
Receipt Date:	03-AUG-2006
Filing Date:	
Time Stamp:	16:29:19
Application Type:	Utility
International Application Number:	

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)	Multi Part	Pages
1	Application Data Sheet	JDM-002CON3-ADS.pdf	1058496	no	4

Warnings:					
Information:					
2	Transmittal letter	JDM-002CON3-ADS-Transmittal.pdf	12427	no	1
Warnings:					
Information:					
			Total Files Size (in bytes):	1070923	

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.

PTO/SB/06 (08-03)
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PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number: 11146,201

CLAIMS AS FILED – PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	SMALL ENTITY RATE	SMALL ENTITY FEE	OR	OTHER THAN SMALL ENTITY RATE	OTHER THAN SMALL ENTITY FEE
BASIC FEE (37 CFR 1.16(a))				$150.00	OR		$
TOTAL CLAIMS (37 CFR 1.16(c))	2 minus 20 =	*	X $ =	250.00	OR	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(b))	1 minus 3 =	*	X $ =	100.00	OR	X $ =	
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))			+ $ =		OR	+ $ =	
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	425.00	OR	TOTAL	

CLAIMS AS AMENDED – PART II

Amdt 8/3/06

AMENDMENT A

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA
Total (37 CFR 1.16(c))	* 6	Minus	** 8	=
Independent (37 CFR 1.16(b))	* 3	Minus	*** 8	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))				

SMALL ENTITY RATE	SMALL ENTITY ADDITIONAL FEE	OR	OTHER THAN SMALL ENTITY RATE	OTHER THAN SMALL ENTITY ADDITIONAL FEE
X $ =		OR	X $ =	
X $ =	/	OR	X $ =	
+ $ =		OR	+ $ =	
TOTAL ADD'L FEE	425.00	OR	TOTAL ADD'L FEE	

Amended Spec and cancels 1-2, add new clms 3-8

AMENDMENT B

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA
Total (37 CFR 1.16(c))	*	Minus	**	=
Independent (37 CFR 1.16(b))	*	Minus	***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))				

SMALL ENTITY RATE	SMALL ENTITY ADDITIONAL FEE	OR	OTHER THAN SMALL ENTITY RATE	OTHER THAN SMALL ENTITY ADDITIONAL FEE
X $ =		OR	X $ =	
X $ =		OR	X $ =	
+ $ =		OR	+ $ =	
TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

AMENDMENT C

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA
Total (37 CFR 1.16(c))	*	Minus	**	=
Independent (37 CFR 1.16(b))	*	Minus	***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))				

SMALL ENTITY RATE	SMALL ENTITY ADDITIONAL FEE	OR	OTHER THAN SMALL ENTITY RATE	OTHER THAN SMALL ENTITY ADDITIONAL FEE
X $ =		OR	X $ =	
X $ =		OR	X $ =	
+ $ =		OR	+ $ =	
TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/07 (08-03)
Approved for use through 7/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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MULTIPLE DEPENDENT CLAIM FEE CALCULATION SHEET

Substitute for Form PTO-1360
(For use with Form PTO/SB/06)

Application Number	Filing Date
11/462,261	

Applicant(s)

* May be used for additional claims or amendments

CLAIMS	AS FILED		AFTER FIRST AMENDMENT		AFTER SECOND AMENDMENT	
	Indep	Depend	Indep	Depend	Indep	Depend
1	1		3			
2		1		X		
3			1			
4				1		
5			1			
6				1		
7			1			
8				1		
9						
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48						
49						
50						
Total Indep	1		3			
Total Depend	1		3			
Total Claims	2		6			

	*		*		*	
	Indep	Depend	Indep	Depend	Indep	Depend
51						
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91						
92						
93						
94						
95						
96						
97						
98						
99						
100						
Total Indep						
Total Depend						
Total Claims						

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2

JDM/002 CON3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Jeffrey D. Mullen
Application No.	:	11/462,201
Confirmation No.	:	4907
Filed	:	August 3, 2006
For	:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
Group Art Unit	:	2614
Examiner	:	Not Yet Assigned

Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

New York, NY 10036
October 17, 2006

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97, applicant wishes to call the attention of the Examiner to the following documents:

U.S. Patent Documents

4,654,879	03/31/1987	Goldman et al.
5,043,736	08/27/1991	Darnell et. al
5,086,390	02/04/1992	Matthews
5,097,416	03/17/1992	Matthews
5,197,092	03/23/1993	Bamburak
5,305,201	04/19/1994	Matthews
5,327,144	07/05/1994	Stilp et al.
5,337,334	08/09/1994	Antero Alvesalo
5,341,410	08/23/1994	Aron et al.
5,384,824	01/24/1995	Alvesalo
5,388,147	02/07/1995	Grimes

5,442,805	08/15/1995	Sagars et al.
5,479,482	12/26/1995	Grimes
5,502,757	03/26/1996	Bales et al.
5,519,760	05/21/1996	Borkowski et al.
5,537,460	07/16/1996	Holliday, Jr. et al.
5,548,816	08/20/1996	DeVaney
5,551,058	08/27/1996	Hutcheson et al.
5,555,286	09/10/1996	Tendler
5,719,563	02/17/1998	Thompson
5,767,788	06/16/1998	Ness
5,778,315	07/07/1998	Proietti
5,796,634	08/18/1998	Craport et al.
5,805,999	09/08/1998	Inoue
5,815,538	09/29/1998	Grell et al.
5,832,381	11/03/1998	Kauppi
5,847,976	12/08/1998	Lescourret
5,875,398	02/23/1999	Snapp
5,890,062	03/30/1999	Courtney et al.
5,920,820	07/06/1999	Qureshi et al.
5,929,752	07/27/1999	Janky et al.
5,950,125	09/07/1999	Buhrmann et al.
5,961,569	10/05/1999	Craport et al.
5,961,572	10/05/1999	Craport et al.
5,978,747	11/02/1999	Craport et al.
6,023,241	02/08/2000	Clapper
6,028,537	02/22/2000	Suman et al.
6,032,042	02/29/2000	Kauppi
6,035,198	03/07/2000	Wiehe
6,035,189	03/07/2000	All-Vehmas
6,038,446	03/14/2000	Courtney et al.
6,047,051	04/04/2000	Ginzboorg
6,049,711	04/11/2000	Ben-Yehezkel
6,061,561	05/21/2000	Alanara et al.
6,091,959	07/18/2000	Souissi et al.
6,138,003	10/2000	Kingdon et al. ***(1)***
6,157,841	12/05/2000	Bolduc et al.
6,166,626	12/26/2000	Janky et al.
6,173,182	01/09/2001	Cha
6,201,803	03/13/2001	Munday et al.
6,208,866	03/27/2001	Rouhollahzadeh et al.
6,236,359	05/22/2001	Watters et al.
6,236,858	05/22/2001	Griffith

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All of the above-identified documents were cited in parent United States Patent Application No. 10/400,296. Copies of the non-U.S. publication documents are being submitted herewith.

It is respectfully requested that these documents be (1) fully considered by the Patent and Trademark Office during examination of this application; and (2) printed on any patent which may issue on this application. Applicant requests that a copy of Form PTO/SB/08A, as considered and

initialed by the Examiner, be returned with the next communication.

The documents above marked with numeral one, ***(1)***, were cited in the Office Action mailed March 8, 2005 in related United States Patent Application No. 10/400,296. Applicant draws the Examiner's attention to this Office Action.

The documents above marked with numeral two, ***(2)***, were cited in the Office Action mailed October 13, 2005 in related United States Patent Application No. 10/400,296. Applicant draws the Examiner's attention to this Office Action.

This Statement is being submitted before the mailing of a first office action on the merits. Thus, in accordance with 37 C.F.R. § 1.97, no fee is due. The Director, however, is hereby authorized to charge any fees required for this filing, or credit any overpayment thereon, to Deposit Account No. 50-3855, Order No. JDM-002 CON3.

An early and favorable action is respectfully requested.

Respectfully submitted,

/Jeffrey D. Mullen/

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				Filing Date	August 3, 2006
				First Named Inventor	Jeffrey D. Mullen
				Art Unit	2614
(use as many sheets as necessary)				**Examiner Name**	Not Yet Assigned
Sheet	1	of	7	**Attorney Docket Number**	JDM/002 CON3

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Examiner initials*	Cite No.[1]	Document Number Number – Kind Code[2] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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(use as many sheets as necessary)				**Examiner Name**	Not Yet Assigned
Sheet	2	of	7	**Attorney Docket Number**	JDM/002 CON3

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(use as many sheets as necessary)				**Examiner Name**	Not Yet Assigned
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				Art Unit	2614
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		2004/0180669	09/16/2004	Jan Kall	06/07/2001 (PCT)
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Examiner initials*	Cite No.[1]	Foreign Patent Document Country Code[3] - Number[4] - Kind Code[5] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
		WO 99/007170	02-11-1999	Nokia Telecommunications		
		WO 99/009775	02-25-1999	Nokia Telecommunications		
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				**Application Number**	11/462,201
				Filing Date	August 3, 2006
				First Named Inventor	Jeffrey D. Mullen
				Art Unit	2614
(use as many sheets as necessary)				**Examiner Name**	Not Yet Assigned
Sheet	6	of	7	**Attorney Docket Number**	JDM/002 CON3

FOREIGN PATENT DOCUMENTS

Examiner initials*	Cite No.[1]	Foreign Patent Document Country Code[3] - Number[4] - Kind Code[5] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
		WO 00/038350	06-29-2000	Nokia Networks		
		WO 00/064075	10-26-2000	Nokia Networks		
		WO 00/076194	12-14-2000	Nokia Networks		
		WO 00/076243	12-14-2000	Nokia Networks		
		WO 01/001711	01-04-2001	Nokia Networks		
		WO 01/001718	01-04-2001	Nokia Networks		
		WO 01/003406	01-11-2001	Nokia Networks		
		WO 01/003454	01-11-2001	Nokia Networks		
		WO 01/003461	01-11-2001	Nokia Networks		
		WO 01/020938	03-22-2001	Nokia Networks		
		WO 01/033885	05-10-2001	Nokia Networks		
		WO 01/039525	05-31-2001	Nokia Networks		
		WO 01/039528	05-31-2001	Nokia Networks		
		WO 01/041468	06-07-2001	Nokia Networks		
		WO 01/050544	07-12-2001	Nokia Networks		
		WO 01/086880	11-15-2001	Nokia Networks		
		WO 01/089251	11-22-2001	Nokia Networks		
		WO 02/003718	01-10-2002	Nokia Networks		

NON PATENT LITERATURE DOCUMENTS

Examiner initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T[2]
		ETSI TS 101 513. "Digital Cellular Telecommunications System (Phase 2): Location Services (LCS)," GSM 12.71, version 8.0.1. 1999.	

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Substitute for form 1449A/PTO **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** (use as many sheets as necessary)				***Complete if known***	
				Application Number	11/462,201
				Filing Date	August 3, 2006
				First Named Inventor	Jeffrey D. Mullen
				Art Unit	2614
				Examiner Name	Not Yet Assigned
Sheet	7	of	7	**Attorney Docket Number**	JDM/002 CON3

NON PATENT LITERATURE DOCUMENTS			
Examiner initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T[2]
		ETSI TS 101 527 "Digital Cellular Telecommunications System (Phase 2+): Location Services (LCS): Mobile Station (MS): Serving Mobile Location Centre (SMLC)," Radio Resource LCS Protocol (RRLP), GSM 04.31, version 8.1.0. 1999.	

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Electronic Acknowledgement Receipt

EFS ID:	1258699
Application Number:	11462201
International Application Number:	
Confirmation Number:	4907
Title of Invention:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
First Named Inventor/Applicant Name:	Jeffrey D. Mullen
Customer Number:	32733
Filer:	Jeffrey David Mullen
Filer Authorized By:	
Attorney Docket Number:	JDM/002 CON3
Receipt Date:	17-OCT-2006
Filing Date:	03-AUG-2006
Time Stamp:	23:13:57
Application Type:	Utility

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed	JDM-002CON3-IDS.pdf	23310	no	7
Warnings:					

Information:					
This is not an USPTO supplied IDS fillable form					
2	Information Disclosure Statement (IDS) Filed	JDM-002CON3-SB08.pdf	340326	no	7
Warnings:					
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3	NPL Documents	ETSITS101513v810.pdf	2177205	no	65
Warnings:					
Information:					
4	NPL Documents	ETSITS101527v810.pdf	2036965	no	52
Warnings:					
Information:					
5	NPL Documents	WO00-28760.pdf	1248176	no	26
Warnings:					
Information:					
6	NPL Documents	WO00-35228.pdf	729369	no	23
Warnings:					
Information:					
7	NPL Documents	WO00-38350.pdf	758072	no	17
Warnings:					
Information:					
8	NPL Documents	WO00-64075.pdf	817715	no	23
Warnings:					
Information:					
9	NPL Documents	WO00-76194.pdf	1545232	no	33
Warnings:					
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10	NPL Documents	WO00-76243.pdf	801735	no	26
Warnings:					
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11	NPL Documents	WO01-01711.pdf	1527959	no	41
Warnings:					
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12	NPL Documents	WO01-01718.pdf	826937	no	19
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13	NPL Documents	WO01-03406.pdf	765570	no	26
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14	NPL Documents	WO01-03454.pdf	784446	no	23
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15	NPL Documents	WO01-03461.pdf	1122937	no	36
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16	NPL Documents	WO01-20938.pdf	932475	no	31
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17	NPL Documents	WO01-33885.pdf	1195034	no	25
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Information:					
18	NPL Documents	WO01-39525.pdf	1460131	no	47
Warnings:					
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19	NPL Documents	WO01-39528.pdf	1188426	no	38
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20	NPL Documents	WO01-41468.pdf	808919	no	23
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21	NPL Documents	WO01-50544.pdf	572123	no	20
Warnings:					
Information:					
22	NPL Documents	WO01-86880.pdf	647019	no	20
Warnings:					
Information:					
23	NPL Documents	WO01-89251.pdf	1401466	no	38
Warnings:					
Information:					
24	NPL Documents	WO02-03718.pdf	1406207	no	43
Warnings:					
Information:					
25	NPL Documents	WO99-07170.pdf	1428603	no	37
Warnings:					
Information:					
26	NPL Documents	WO99-09775.pdf	1039394	no	25
Warnings:					
Information:					
27	NPL Documents	WO99-51051.pdf	1107348	no	26
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Total Files Size (in bytes):	28693099

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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.

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APPLICATION NUMBER	FILING OR 371(c) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
11/462,201	08/03/2006	Jeffrey D. Mullen	JDM/002 CON3

CONFIRMATION NO. 4907

32733
JEFFREY D. MULLEN
350 WEST 43RD ST., APT. 5H
NEW YORK, NY10036

Date Mailed. 12/21/2006

NOTICE OF NEW OR REVISED PROJECTED PUBLICATION DATE

The above-identified application has a new or revised projected publication date. The current projected publication date for this application is 03/01/2007. If this is a new projected publication date (there was no previous projected publication date), the application has been cleared by Licensing & Review or a secrecy order has been rescinded and the application is now in the publication queue.

If this is a revised projected publication date (one that is different from a previously communicated projected publication date), the publication date has been revised due to processing delays in the USPTO or the abandonment and subsequent revival of an application. The application is anticipated to be published on a date that is more than six weeks different from the originally-projected publication date.

More detailed publication information is available through the private side of Patent Application Information Retrieval (PAIR) System. The direct link to access PAIR is currently http://pair.uspto.gov. Further assistance in electronically accessing the publication, or about PAIR, is available by calling the Patent Electronic Business Center at (703) 305-3028.

Questions relating to this Notice should be directed to the Office of Patent Publication at (703) 305-8283.

PART 1 - ATTORNEY/APPLICANT COPY

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APPLICATION NUMBER	FILING OR 371(c) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
11/462,201	08/03/2006	Jeffrey D. Mullen	JDM/002 CON3

CONFIRMATION NO. 4907

32733
JEFFREY D. MULLEN
350 WEST 43RD ST., APT. 5H
NEW YORK, NY10036

Title: SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME

Publication No. US-2007-0049290-A1
Publication Date: 03/01/2007

NOTICE OF PUBLICATION OF APPLICATION

The above-identified application will be electronically published as a patent application publication pursuant to 37 CFR 1.211, et seq. The patent application publication number and publication date are set forth above.

The publication may be accessed through the USPTO's publically available Searchable Databases via the Internet at www.uspto.gov. The direct link to access the publication is currently http://www.uspto.gov/patft/.

The publication process established by the Office does not provide for mailing a copy of the publication to applicant. A copy of the publication may be obtained from the Office upon payment of the appropriate fee set forth in 37 CFR 1.19(a)(1). Orders for copies of patent application publications are handled by the USPTO's Office of Public Records. The Office of Public Records can be reached by telephone at (703) 308-9726 or (800) 972-6382, by facsimile at (703) 305-8759, by mail addressed to the United States Patent and Trademark Office, Office of Public Records, Alexandria, VA 22313-1450 or via the Internet.

In addition, information on the status of the application, including the mailing date of Office actions and the dates of receipt of correspondence filed in the Office, may also be accessed via the Internet through the Patent Electronic Business Center at www.uspto.gov using the public side of the Patent Application Information and Retrieval (PAIR) system. The direct link to access this status information is currently http://pair.uspto.gov/. Prior to publication, such status information is confidential and may only be obtained by applicant using the private side of PAIR.

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Pre-Grant Publication Division, 703-605-4283

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/462,201	08/03/2006	Jeffrey D. Mullen	JDM/002 CON3	4907

32733 7590 03/05/2009

JEFFREY D. MULLEN
731 SOUTH NEGLEY
APT. 2
PITTSBURGH, PA 15232

EXAMINER	
WANG-HURST, KATHY W	
ART UNIT	**PAPER NUMBER**
2617	

MAIL DATE	DELIVERY MODE
03/05/2009	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	11/462,201	MULLEN, JEFFREY D.	
	Examiner	Art Unit	
	KATHY WANG-HURST	2617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *03 August 2006*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *3-8* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *3-8* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *03 August 2006* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Preliminary amendment dated 8/3/2006 has been entered. Claims 1-2 have been cancelled. Claims 3-8 have been added and are pending for examination.

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

2. Claims 3-8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wallenius et al. (US 7269428) in view of Wollrab (US 6920328).

Regarding claim 3, Wallenius discloses a method comprising: receiving a first manual input in the form of a selection of one of said plurality of users (see Abstract, col.2 lines 37-55, receiving a request from a requesting side requesting specific information of a subscriber); receiving a second manual input in the form of a password (i.e. see col. 6 lines 57-65, col. 7 lines 24-35, col. 9 lines 4-11, receiving a code entered by the requesting side therefore a password); determining whether to allow access of location information for said one of said plurality of wireless telephonic devices associated to said selected one of said plurality of users (at least see Abstract, col. 7 lines 44-55, col. 8 lines 31-45, col. 9 lines 28-47), wherein said determination includes identifying said user of said first wireless telephonic device using said password (col. 6 lines 57-65, col. 7 lines 24-35, col. 7 lines 44-55, col. 8 lines 31-45, col. 9 lines 4-11, decision is based on the code entered); transmitting said location information from a

server to said first wireless telephonic device (Abstract, col. 7 lines 44-55, col. 8 lines 31-45, col. 9 lines 28-47); and displaying said location information on said first wireless device (col. 8 lines 17-45).

Wallenius discloses selecting a subscriber for location information from a mobile unit but does not explicitly disclose displaying on a first wireless telephonic device a plurality of users, wherein each one of said plurality of users is associated to a different one of a plurality of wireless telephonic devices. In analogous art, Wollrab teaches displaying on a wireless telephonic device a plurality of users, wherein each one of said plurality of users is associated to a different one of a plurality of wireless telephonic devices (col. 6 lines 12-28, col. 6 lines 56-67).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to modify the invention of Wallenius, to display an address book which stores all contact information and retrieve contact information from the address book in order to find the contact's location, as taught by Wollrab, thus allowing a more efficient way of locating personal contact information (col. 6 lines 12-28).

Regarding claim 5, Wallenius discloses a method comprising: requesting on a wireless device a first name associated to a first wireless telephonic device and a second name associated to a second wireless telephonic device (see Abstract, col.2 lines 37-55, requesting specific information of subscribers); accepting a selection of said first name on said wireless device (i.e. see col.2 lines 37-55, col. 6 lines 57-65, col. 7 lines 24-35, col. 9 lines 4-11, requesting a subscriber information and entering a code,

therefore accepting the first name); performing an identification process based on manual input entered into said wireless device (col. 6 lines 57-65, col. 7 lines 24-35, col. 9 lines 4-11, entering a code by the requesting side);

determining whether to transmit location information associated to said first wireless telephonic device from a server to said wireless device(Abstract, col. 7 lines 44-55, col. 8 lines 31-45, col. 9 lines 28-47), wherein said server is located remotely from said wireless device, said first wireless telephonic device, and said second wireless telephonic device(at least see Fig. 7, col. 8 lines 5-45); transmitting said location information to said wireless device based on said manual input (col. 6 lines 57-65, col. 7 lines 24-35, col. 9 lines 4-11); and sending said location information on said wireless device (col. 8 lines 31-45).

Wallenius discloses requesting party requesting a subscriber information from a wireless phone and network sending subscriber location information to requesting party, but does not explicitly disclose the wireless phone displaying subscriber information and displaying location information. In analogous art, Wollrab teaches a wireless unit displaying subscriber information and displaying location information (col. 6 lines 12-28, col. 6 lines 28-35, col. 6 lines 56-67, col. 7 lines 18-50).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to modify the invention of Wallenius, to display the requested information on the wireless phone as taught by Wollrab, thus allowing a more user-friendly way of presenting the information through a display on the mobile phone (col. 6 lines 12-28, col. 6 lines 28-35, col. 6 lines 56-67, col. 7 lines 18-50).

Regarding claim 7, Wallenius discloses a method comprising: accepting on a first wireless device a manual selection representative of a second wireless device (i.e. see col.2 lines 37-55, col. 6 lines 57-65, col. 7 lines 24-35, col. 9 lines 4-11, requesting a subscriber information and entering a code, therefore accepting the first name); locating said second wireless device (col. 8 lines 31-45); determining on a server whether said second wireless device has provided permission for said first wireless device to locate said second wireless device(at least see Fig. 7, col. 8 lines 5-45); providing location information to said first wireless device based on said determination (Abstract, col. 7 lines 44-55, col. 8 lines 31-45, col. 9 lines 28-47); and receiving location information on said first wireless device (Abstract, col. 7 lines 44-55, col. 8 lines 31-45, col. 9 lines 28-47).

Wallenius discloses requesting party receiving location information of a subscriber on the first wireless device but does not explicitly disclose displaying a map with a marker representative of the location of said second wireless device. Wollrab teaches displaying a map with a marker representative of the location of said second wireless device (at least see col. 4 lines 40-58 and Fig. 4A).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to modify the invention of Wallenius, to display the requested location information as a map on the wireless unit as taught by Wollrab, thus allowing a better way of presenting requested information through a map with a location indicator (col. 4 lines 40-58).

Regarding claims 4, 6 and 8, Wallenius discloses the method of claim 3, wherein a positioning system is utilized to provide said location information (col. 7 lines 44-55, col. 8 lines 31-45, col. 9 lines 28-47).

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Anderson (US2002/0039904) discloses monitoring of call information in a wireless location system.

I'Anderson et al. (US 2001/0029184) discloses monitoring location associated events.

Kaufman et al. (US 7409429) discloses cooperative location based tasks.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to KATHY WANG-HURST whose telephone number is (571) 270-5371. The examiner can normally be reached on Monday-Thursday, 7:30am-5pm, alternate Fridays, EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nick Corsaro can be reached on (571) 272-7876. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/KATHY WANG-HURST/
Examiner, Art Unit 2617

/NICK CORSARO/
Supervisory Patent Examiner, Art Unit 2617

Notice of References Cited	Application/Control No. 11/462,201	Applicant(s)/Patent Under Reexamination MULLEN, JEFFREY D.	
	Examiner KATHY WANG-HURST	Art Unit 2617	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-2001/0029184 A1	10-2001	I'Anson et al.	455/456
*	B	US-2002/0039904 A1	04-2002	Anderson, Robert J.	455/456
*	C	US-6,920,328 B2	07-2005	Wollrab, Lee M.	455/456.1
*	D	US-7,269,428 B1	09-2007	Wallenius et al.	455/456.2
*	E	US-7,409,429 B2	08-2008	Kaufman et al.	709/207
	F	US-			
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*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11462201	MULLEN, JEFFREY D.
	Examiner	Art Unit
	KATHY WANG-HURST	2617

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
Final	Original	02/09/2009								
	1	-								
	2	-								
	3	✓								
	4	✓								
	5	✓								
	6	✓								
	7	✓								
	8	✓								

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11462201	MULLEN, JEFFREY D.
	Examiner	Art Unit
	KATHY WANG-HURST	2617

SEARCHED			
Class	Subclass	Date	Examiner
455	456.1-457	2/9/2009	kwh

SEARCH NOTES		
Search Notes	Date	Examiner
class/subclass search on EAST	2/9/2009	kwh
inventor/assignee search on PALM	2/9/2009	kwh
key word/concept search on EAST	2/9/2009	kwh

INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner

UNITED STATES PATENT AND TRADEMARK OFFICE

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Alexandria, Virginia 22313-1450
www.uspto.gov

BIB DATA SHEET

CONFIRMATION NO. 4907

SERIAL NUMBER	FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
11/462,201	08/03/2006 RULE	379	2617	JDM/002 CON3

APPLICANTS

Jeffrey D. Mullen, New York, NY;

**** CONTINUING DATA ***************************

This application is a CON of 10/400,296 03/25/2003
which claims benefit of 60/367,967 03/25/2002

**** FOREIGN APPLICATIONS ***************************

**** IF REQUIRED, FOREIGN FILING LICENSE GRANTED **** ** SMALL ENTITY **
08/17/2006

Foreign Priority claimed	❑ Yes ☑ No	❑ Met after Allowance	STATE OR COUNTRY	SHEETS DRAWINGS	TOTAL CLAIMS	INDEPENDENT CLAIMS
35 USC 119(a-d) conditions met	❑ Yes ☑ No		NY	17	6	3
Verified and Acknowledged	/KATHY W WANG-HURST/ Examiner's Signature	Initials				

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UNITED STATES

TITLE

SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME

FILING FEE RECEIVED		
425	FEES: Authority has been given in Paper No._____ to charge/credit DEPOSIT ACCOUNT No._____ for following:	❑ All Fees ❑ 1.16 Fees (Filing) ❑ 1.17 Fees (Processing Ext. of time) ❑ 1.18 Fees (Issue) ❑ Other _____ ❑ Credit

BIB (Rev. 05/07).

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"11462201"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:39
S2	0	45/456.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:41
S3	4015	455/456.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:41
S4	6131	455/456.1-457.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:50
S5	1728	S4 and (access right$1) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:51
S6	62	S4 and (access same right $1) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:51
S7	5	S4 and (giv$4 same access same right$1) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:52
S8	24	S4 and (access near right $1) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:52
S9	2	(4654879|5043736).pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 16:18
S10	11	(4654879|5043736|5086390| 5097416|5197092|5305201| 5327144|5337334|5341410| 5384824|5388147).pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 16:20
S11	128	S4 and (display near users) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:36
S12	1	S4 and (display near contacts) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:38
S13	93	S4 and (contact near (list information database)) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:39

S14	14	S4 and (display same contact near (list information database)) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:39
S15	514	S4 and (address and map) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:45
S16	372	S4 and (address and map and display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:46
S17	109	S4 and ((address and map) same display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:46
S18	94	S4 and (select near (contact subscriber user) same display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:48
S19	7	S4 and (select near (contact subscriber) same display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:51
S20	41	S4 and (address near book) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:53
S21	23	S4 and (address near book) and map and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:53
S22	20	S4 and (address near book) and map and display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:55
S23	1	"5287541".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 18:22

2/9/2009 12:16:30 PM
C:\Documents and Settings\khurst\My Documents\EAST\Workspaces\11462201.wsp

JDM/002 CON3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Jeffrey D. Mullen
Application No.	:	11/462,201
Confirmation No.	:	4907
Filed	:	August 3, 2006
For	:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
Group Art Unit	:	2614
Examiner	:	Not Yet Assigned

Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

New York, NY 10036
October 17, 2006

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97, applicant wishes to call the attention of the Examiner to the following documents:

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ETSI TS 101 527 "Digital Cellular Telecommunications System (Phase 2+): Location Services (LCS): Mobile Station (MS): Serving Mobile Location Centre (SMLC)," Radio Resource LCS Protocol (RRLP), GSM 04.31, version 8.1.0. 1999.

All of the above-identified documents were cited in parent United States Patent Application No. 10/400,296. Copies of the non-U.S. publication documents are being submitted herewith.

It is respectfully requested that these documents be (1) fully considered by the Patent and Trademark Office during examination of this application; and (2) printed on any patent which may issue on this application. Applicant requests that a copy of Form PTO/SB/08A, as considered and

initialed by the Examiner, be returned with the next communication.

The documents above marked with numeral one, ***(1)***, were cited in the Office Action mailed March 8, 2005 in related United States Patent Application No. 10/400,296. Applicant draws the Examiner's attention to this Office Action.

The documents above marked with numeral two, ***(2)***, were cited in the Office Action mailed October 13, 2005 in related United States Patent Application No. 10/400,296. Applicant draws the Examiner's attention to this Office Action.

This Statement is being submitted before the mailing of a first office action on the merits. Thus, in accordance with 37 C.F.R. § 1.97, no fee is due. The Director, however, is hereby authorized to charge any fees required for this filing, or credit any overpayment thereon, to Deposit Account No. 50-3855, Order No. JDM-002 CON3.

An early and favorable action is respectfully requested.

Respectfully submitted,

/Jeffrey D. Mullen/

Jeffrey D. Mullen
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New York, NY 10036
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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /K.W.H./

/Kathy Wang-hurst/ 02/06/2009

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Jeffrey D. Mullen
Application No.	:	11/462,201
Confirmation No.	:	4907
Filed	:	August 3, 2006
For	:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
Group Art Unit	:	2617
Examiner	:	KATHY W WANG-HURST

Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Pittsburgh, PA 15232
September 7, 2009

REPLY TO OFFICE ACTION

Sir:

This is in response to the Office Action dated March 4, 2009. A three-month extension of time is applicable hereto and is being submitted herewith. In response to the Office Action, applicant amends the application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 8 of this paper.

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-2. (cancelled).

3. (previously presented) A method comprising:

displaying on a first wireless telephonic device a plurality of users, wherein each one of said plurality of users is associated to a different one of a plurality of wireless telephonic devices;

receiving a first manual input in the form of a selection of one of said plurality of users;

receiving a second manual input in the form of a password;

determining whether to allow access of location information for said one of said plurality of wireless telephonic devices associated to said selected one of said plurality of users, wherein said determination includes identifying said user of said first wireless telephonic device using said password;

transmitting said location information from a server to said first wireless telephonic device; and

displaying said location information on said first wireless device.

4. (previously presented) The method of claim 3, wherein a positioning system is utilized to provide said location information.

5. (currently amended) A method comprising:

displaying on a wireless device a first name associated to a first wireless telephonic device and a second name associated to a second wireless telephonic device;

accepting a selection of said first name on said wireless device;

~~performing an identification process~~ receiving ~~based on~~ manual input entered into said wireless device;

determining whether to transmit location information associated to said first wireless telephonic device from a server to said wireless device, wherein said determining includes performing an identification process based on said manual input and said server is located remotely from said wireless device, said first wireless telephonic device, and said second wireless telephonic device;

transmitting said location information to said wireless device based on said determination ~~manual input~~; and

displaying said location information on said wireless device.

6. (previously presented) The method of claim 5, wherein a positioning system is utilized to provide said location information.

7. (currently amended) A method comprising:

accepting on a first wireless device a manual selection representative of a second wireless device from a list representative of a plurality of wireless devices;

locating said second wireless device;

determining on a server whether said second wireless device has provided permission for said first wireless device to locate said second wireless device;

providing location information to said first wireless device based on said determination; and

displaying a map on said first wireless device with a marker representative of the location of said second wireless device.

8. (previously presented) The method of claim 7, wherein a positioning system is utilized to provide said location information.

9. (new) The method of claim 3, wherein said selection occurs on a first display screen and a second display screen is provided on said first wireless telephonic device during said determination.

10. (new) The method of claim 3, wherein said selection occurs on a first display screen, a second display screen is provided on said first wireless telephonic device during said determination, and a third display screen is provided on said first wireless device after said location information is transmitted to said first wireless telephonic device.

11. (new) The method of claim 3, wherein said selection occurs on a first display screen, a second display screen is provided on said first wireless telephonic device during said determination, a third display screen is provided on said first wireless device after said location information is transmitted to said first wireless telephonic device, and a fourth display screen is provided that includes an option to obtain directions from said first wireless telephonic device to said one of said plurality of wireless telephonic devices

associated to said selected one of said plurality of users.

12. (new) The method of claim 3, further comprising receiving a third manual input, wherein said first wireless telephonic device assigned location access rights to said one of said plurality of wireless telephonic devices associated with said selected one of said plurality of users for obtaining a location of said first wireless telephonic device and said third manual input modifies said location access rights.

13. (new) The method of claim 3, wherein a triangulation process is utilized to provide said location information.

14. (new) The method of claim 5, wherein said selection occurs on a first display screen and a second display screen is provided on said wireless device during said determination.

15. (new) The method of claim 5, wherein said selection occurs on a first display screen, a second display screen is provided on said wireless device during said determination, and a third display screen is provided on said wireless device after said location information is transmitted to said wireless device.

16. (new) The method of claim 5, wherein said selection occurs on a first display screen, a second display screen is provided on said wireless device during said determination, a third display screen is provided on said wireless device after said location information is transmitted to said wireless device, and a fourth display

screen is provided that includes an option to obtain directions from said wireless telephonic device to said first wireless telephonic device.

17. (new) The method of claim 5, further comprising receiving a third manual input, wherein said wireless device assigned location access rights to said first wireless telephonic device for obtaining a location of said wireless device and said third manual input modifies said location access rights.

18. (new) The method of claim 5, further comprising receiving a third manual input, wherein said wireless device assigned location access rights to said first wireless telephonic device for obtaining a location of said wireless device, said third manual input modifies said location access rights, and determining a travel time between said wireless device and said first wireless telephonic device.

19. (new) The method of claim 7, further comprising receiving a password on said first wireless device, wherein said password is utilized in said determination.

20. (new) The method of claim 7, further comprising receiving a password and a login on said first wireless device, wherein said password is utilized in said determination.

21. (new) The method of claim 7, wherein said manual selection occurs on a first display screen and a second display screen is provided on said first wireless device during said determination.

22. (new) The method of claim 7, wherein said manual selection occurs on a first display screen, a second display screen is provided on said first wireless device during said determination, and a third display screen is provided on said first wireless device after said location information is transmitted to said first wireless device.

REMARKS/ARGUMENTS

Summary of Office Action

Claims 3-8 are pending.

Claims 3-8 were rejected under 35 U.S.C. 103(a) as being unpatentable over Wallenius et al U.S. Patent N. 7,269,438 (hereinafter "Wallenius") in view of Wollrab U.S. Patent No. 6,920,328 (hereinafter "Wollrab").

Summary of Applicant's Amendments

Applicant has amended claims 5 and 7 without prejudice and solely in order to expedite prosecution.

Applicant has added new claims 9-22 in order to more particularly point out and distinctly claim the subject matter that applicant regards as the invention.

Applicant respectfully traverses the Examiner's rejections. Applicant reserves the right to file any number of continuation or divisional claims directed to any of the subject matter contained in applicant's specification.

Applicant's Reply to the 103(a) Rejections

Claims 3-8 were rejected under 35 U.S.C. 103(a) as being unpatentable over Wallenius in view of Wollrab.

Wallenius alleges a user receiving an information request and the requested user entering input in response to the information request.

Wollrab alleges family calendar tracking and notification.

Claim 3

The Examiner stated:

> "Wallenius discloses … receiving a first manual input in the form of a selection of one of said

> plurality of users (see Abstract, col.2 lines 37-55…" (Office Action, page 2)

Wallenius, however, does not show or suggest a manual input of a selection of one of a plurality of users. Wallenus merely "sends a request for specific information of a subscriber" (Wallenius, abstract and col. 2, lines 40-41). Accordingly, Wallenius is silent on applicant's invention of claim 3 of displaying a plurality of users and a manual input in the form of a selection of one of the plurality of users. As a result, Wallenius is also silent on applicant's invention of claim 3 of determining whether to allow access of location information associated with the selected user.

For at least this reason, applicant respectfully requests that the Examiner's rejection of claim 3, and any claims dependent therefrom, be withdrawn.

Additionally, for example, the Examiner stated:

> "Wallenius discloses … identifying said user of said first wireless telephonic device using said password (col. 6, lines 57-65, col. 7, lines 24-35, col. 7 lines 44-45, col. 8 lines 31-45, col. 9 lines 4-11, decision is based on the code entered" (Office Action, page 2)

Wallenius, however, does not show or suggest applicant's invention of claim 3 of receiving input in the form of a password. In fact, Wallenius does not even show or suggest a code entered by the user as the Examiner suggests. Wallenius merely discusses:

> "a code or the like which is included in the request" (Wallenius, col. 6, lines 57-65)
>
> "the code indicating an authorization and sent with the request is determined … and checked" (Wallenius, col. 7, lines 31-32)
>
> "one or more codes indicating an authorization of a requesting side can be stored" (Wallenius, col. 9, lines 7-8).

Accordingly, Wallenius does not show or suggest applicant's invention of claim 3 of a second manual input in the form of a password utilized to identify the user of the first wireless device – let alone determining whether to allow access based on the identification.

For at least this reason, applicant respectfully requests that the Examiner's rejection of claim 3, and any claims dependent therefrom, be withdrawn.

Moreover, for example, the Examiner stated:

> "Wallenius … does not explicitly disclose displaying on a first wireless telephonic device, a plurality of users, wherein each one of said plurality of users is associated to a different one of a plurality of wireless telephonic devices … Wollrab teaches…" (Office Action, page 2)

Wollrab, however, also does not show or suggest applicant's invention of claim 3 of displaying a plurality of users and receiving manual input in the form of a selection of a user of the plurality of users and allowing access of location information of the selected user. Wollrab merely alleges periodically transmitting information.

Accordingly, neither Wollrab nor Wallenius, used either alone or in combination, shows or suggests applicant's invention of claim 3 of displaying on a selection of a plurality of users and access of location information of the selected user.

Moreover, Wollrab and Wallenius are unrelated, precision devices that directly teach away from one another. The Examiner cannot pick and chose elements of unrelated devices and put them together to form a completely new device in hindsight. In doing so, the Examiner merely creates in inoperable device while

eviscerating the spirit of the individual Wollrab and Wallenius devices.

In light of the foregoing, applicant respectfully requests that the Examiner's rejection of claim 3, and any claim dependent therefrom, is patentable.

Claims 5

As shown above, claim 3 is patentable. Claim 5 includes patentable features similar to patentable features of claim 3. Accordingly, applicant respectfully submits that claim 5 is patentable.

For example, neither Wallenius nor Wollrab show or suggest applicant's invention of claim 5 of displaying on a wireless device a first and second name, accepting a selection of the first name, and determining whether to transmit location information that includes performing an identification process based on manual input.

Additionally, as shown above in connection with arguments for the patentability of claim 3, Wallenius cannot be combined with Wollrab. Doing so, would merely create an inoperable device, in hindsight, while eviscerating the spirit of the individual Wallenius and Wollrab devices.

In light of the foregoing, applicant respectfully requests that the Examiner's rejections of claim 5, and any claims dependent therefrom, be withdrawn.

Claims 7

As shown above, claim 3 is patentable. Claim 7 includes patentable features similar to patentable features of claim 3. Accordingly, applicant respectfully submits that claim 7 is patentable.

For example, neither Wallenius nor Wollrab show or suggest applicant's invention of claim 7 of accepting on a first wireless device a manual selection representative of a second wireless device from a list representative of a plurality of wireless devices, locating the second wireless device, and determining on a server whether said second wireless device has provided permission for said first wireless device to locate said second wireless device.

Additionally, as shown above in connection with arguments for the patentability of claim 3, Wallenius cannot be combined with Wollrab. Doing so, would merely create an inoperable device, in hindsight, while eviscerating the spirit of the individual Wallenius and Wollrab devices.

In light of the foregoing, applicant respectfully requests that the Examiner's rejections of claim 7, and any claims dependent therefrom, be withdrawn.

New Claims 9-22

Applicant has added new claims 9-22. As shown above, claims 3, 5, and 7 are patentable. Claims 9-22 depend from one of patentable claims 3, 5, and 7. Accordingly, claims 9-22 are patentable for depending from a patentable independent claim.

Conclusion

Applicant respectfully submits that this application, including the pending claims, is in condition for allowance.

Reconsideration and prompt allowance of this application are respectfully requested.

The Director is hereby authorized to charge and fees due in conjunction with this filing, or to credit any overpayment of the same, to Deposit Account No. 50-3855.

Respectfully Submitted,

/Jeffrey D. Mullen/
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Electronic Patent Application Fee Transmittal

Application Number:	11462201
Filing Date:	03-Aug-2006
Title of Invention:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
First Named Inventor/Applicant Name:	Jeffrey D. Mullen
Filer:	Jeffrey David Mullen
Attorney Docket Number:	JDM/002 CON3

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Extension - 3 months with $0 paid	2253	1	555	555

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
			Total in USD ($)	**555**

Electronic Acknowledgement Receipt	
EFS ID:	6023968
Application Number:	11462201
International Application Number:	
Confirmation Number:	4907
Title of Invention:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
First Named Inventor/Applicant Name:	Jeffrey D. Mullen
Customer Number:	32733
Filer:	Jeffrey David Mullen
Filer Authorized By:	
Attorney Docket Number:	JDM/002 CON3
Receipt Date:	07-SEP-2009
Filing Date:	03-AUG-2006
Time Stamp:	17:21:33
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	$555
RAM confirmation Number	15452
Deposit Account	503855
Authorized User	MULLEN,JEFFREY D.
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 (National application filing, search, and examination fees) Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)	

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		JDM-002CON3-Reply.pdf	69893 c9e02b81c981b652157ff87c1dbbf6968ef9f1f0	yes	13

	Multipart Description/PDF files in .zip description		
	Document Description	Start	End
	Amendment/Req. Reconsideration-After Non-Final Reject	1	1
	Claims	2	7
	Applicant Arguments/Remarks Made in an Amendment	8	13

Warnings:

Information:

2	Fee Worksheet (PTO-875)	fee-info.pdf	30178 5ed495a6c7bf8a75c848f25197b3af7d7e492d22	no	2

Warnings:

Information:

Total Files Size (in bytes):	100071

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.

PTO/SB/06 (07-06)
Approved for use through 1/31/2007. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number	Filing Date	☐ To be Mailed
11/462,201	08/03/2006	

APPLICATION AS FILED – PART I

	(Column 1)	(Column 2)	SMALL ENTITY ☒		OR	OTHER THAN SMALL ENTITY	
FOR	NUMBER FILED	NUMBER EXTRA	RATE ($)	FEE ($)		RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =		OR	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =			X $ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $250 ($125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			TOTAL	

APPLICATION AS AMENDED – PART II

AMENDMENT 09/07/2009	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE ($)	ADDITIONAL FEE ($)	OR	OTHER THAN SMALL ENTITY RATE ($)	ADDITIONAL FEE ($)
Total (37 CFR 1.16(i))	* 20	Minus	** 20	= 0	X $26 =	0	OR	X $ =	
Independent (37 CFR 1.16(h))	* 3	Minus	***3	= 0	X $110 =	0	OR	X $ =	
☐ Application Size Fee (37 CFR 1.16(s))									
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
					TOTAL ADD'L FEE	0	OR	TOTAL ADD'L FEE	

AMENDMENT	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)	OR	RATE ($)	ADDITIONAL FEE ($)
Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =		OR	X $ =	
Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =		OR	X $ =	
☐ Application Size Fee (37 CFR 1.16(s))									
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Legal Instrument Examiner:
/KAREN VESTAL/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/462,201	08/03/2006	Jeffrey D. Mullen	JDM/002 CON3	4907

32733 7590 11/23/2009

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EXAMINER	
WANG-HURST, KATHY W	
ART UNIT	**PAPER NUMBER**
2617	

MAIL DATE	DELIVERY MODE
11/23/2009	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	11/462,201	MULLEN, JEFFREY D.	
	Examiner	Art Unit	
	KATHY WANG-HURST	2617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *07 September 2009*.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *3-22* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *3-22* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Response to Amendment

Applicant's amendment filed on 9/7/2009 has been entered. Claims 5 and 7 have been amended. Claims 9-22 are added. Claims 3-22 are still pending in this application.

Response to Arguments

1. Applicant's arguments filed 9/7/2009 regarding claims 3-8 have been fully considered but they are not persuasive.

Regarding the applicant's argument with respect to claim 3 that the prior art of record does not show or suggest a manual input of a selection of one of a plurality of users (see Remarks page 9), the examiner respectfully disagrees. Wallenius discusses a user requests for location information of a subscriber in a communication network (col. 6 lines 20-35). It is well known in the art that there are many subscribers in a communication network and it is fair to infer that a user selects one of the many subscribers for location information. To make this even more obvious, Wollrab is brought to show that it is a well known feature to have a mobile terminal having a set of members from which the user can request location information (see e.g. col. 2 lines 15-36, col. 6 lines 12-28, col. 6 lines 56-67). It is also common knowledge in the art that a user makes a selection via a key input, thus manual input. As a matter of fact, Wallenius does discuss actions are taken via a key input (col. 6 lines 40-45). Therefore the prior art of record does show or suggest a manual input of a selection of one of a plurality of users.

Regarding the applicant's argument that the prior art of record does not teach or suggest a second manual input in the form of a password utilized to identify the user of the first wireless device (page 10), the examiner respectfully disagrees. Wallenius discusses receiving a code from a requesting side for identification purposes (col 9 lines 10-11) and the requesting side is an external user (col. 9 line 59). In other words, the external user sends a code to the network to identify himself whether he has the authority to obtain location information of a subscriber. It is common knowledge that a user sending a code to the network from a wireless communication device involves some key input action, thus manual input. As a matter of fact, Wallenius does discuss functions are performed via user key input (col. 6 lines 40-45). It is also well known in the art that a password is used for identification purposes. See Wollrab col. 3 lines 1-2 and col. 3 line 61 for a usage of passwords. Therefore the prior art of record does teach or suggest a second manual input in the form of a password utilized to identify the user of the first wireless device.

Regarding the similar arguments with respect to claims 5 and 7, the arguments are addressed as above.

Regarding the added new claims 9-22, the combination of Wallenius and Wollrab teaches or suggests all limitations but certain screen displays and triangulation. Nowlin is brought to show such features are well known in the art.

Concerning the applicants arguments regarding combination of references, both of the references are from the same field, i.e. communication systems and concern

analogous topics. Therefore, the examiner contends that the references would be combinable to one skilled in the art.

Therefore, the argued limitations read upon the cited references or are written broad such that they read upon the cited references, as follow.

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

2. Claims 3-8, 12, 17-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wallenius et al. (US 7269428) in view of Wollrab (US 6920328).

Regarding claim 3, Wallenius discloses a method comprising: receiving a first manual input in the form of a selection of one of said plurality of users (see Abstract, col.2 lines 37-55, receiving a request from a requesting side requesting specific information of a subscriber); receiving a second manual input in the form of a password (i.e. see col. 6 lines 57-65, col. 7 lines 24-35, col. 9 lines 4-11, receiving a code entered by the requesting side therefore a password); determining whether to allow access of location information for said one of said plurality of wireless telephonic devices associated to said selected one of said plurality of users (at least see Abstract, col. 7 lines 44-55, col. 8 lines 31-45, col. 9 lines 28-47), wherein said determination includes identifying said user of said first wireless telephonic device using said password (col. 6 lines 57-65, col. 7 lines 24-35, col. 7 lines 44-55, col. 8 lines 31-45, col. 9 lines 4-11,

decision is based on the code entered); transmitting said location information from a server to said first wireless telephonic device (Abstract, col. 7 lines 44-55, col. 8 lines 31-45, col. 9 lines 28-47); and displaying said location information on said first wireless device (col. 8 lines 17-45).

Wallenius discloses selecting a subscriber for location information from a mobile unit but does not explicitly disclose displaying on a first wireless telephonic device a plurality of users, wherein each one of said plurality of users is associated to a different one of a plurality of wireless telephonic devices. In analogous art, Wollrab teaches displaying on a wireless telephonic device a plurality of users, wherein each one of said plurality of users is associated to a different one of a plurality of wireless telephonic devices (see e.g. col. 2 lines 15-36, col. 6 lines 12-28, col. 6 lines 56-67).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to modify the invention of Wallenius, to display an address book which stores all contact information and retrieve contact information from the address book in order to find the contact's location, as taught by Wollrab, thus allowing a more efficient way of locating personal contact information (col. 6 lines 12-28).

Regarding claim 5, Wallenius discloses a method comprising: requesting on a wireless device a first name associated to a first wireless telephonic device and a second name associated to a second wireless telephonic device (see Abstract, col.2 lines 37-55, requesting specific information of subscribers); accepting a selection of said first name on said wireless device (i.e. see col.2 lines 37-55, col. 6 lines 57-65, col. 7

lines 24-35, col. 9 lines 4-11, requesting a subscriber information and entering a code, therefore accepting the first name); performing an identification process based on manual input entered into said wireless device (col. 6 lines 57-65, col. 7 lines 24-35, col. 9 lines 4-11, entering a code by the requesting side);

determining whether to transmit location information associated to said first wireless telephonic device from a server to said wireless device(Abstract, col. 7 lines 44-55, col. 8 lines 31-45, col. 9 lines 28-47), wherein said server is located remotely from said wireless device, said first wireless telephonic device, and said second wireless telephonic device(at least see Fig. 7, col. 8 lines 5-45); transmitting said location information to said wireless device based on said manual input (col. 6 lines 57-65, col. 7 lines 24-35, col. 9 lines 4-11); and sending said location information on said wireless device (col. 8 lines 31-45).

Wallenius discloses requesting party requesting a subscriber information from a wireless phone and network sending subscriber location information to requesting party, but does not explicitly disclose the wireless phone displaying subscriber information and displaying location information. In analogous art, Wollrab teaches a wireless unit displaying subscriber information and displaying location information (col. 6 lines 12-28, col. 6 lines 28-35, col. 6 lines 56-67, col. 7 lines 18-50).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to modify the invention of Wallenius, to display the requested information on the wireless phone as taught by Wollrab, thus allowing a more

user-friendly way of presenting the information through a display on the mobile phone (col. 6 lines 12-28, col. 6 lines 28-35, col. 6 lines 56-67, col. 7 lines 18-50).

Regarding claim 7, Wallenius discloses a method comprising: accepting on a first wireless device a manual selection representative of a second wireless device (i.e. see col.2 lines 37-55, col. 6 lines 57-65, col. 7 lines 24-35, col. 9 lines 4-11, requesting a subscriber information and entering a code, therefore accepting the first name); locating said second wireless device (col. 8 lines 31-45); determining on a server whether said second wireless device has provided permission for said first wireless device to locate said second wireless device(at least see Fig. 7, col. 8 lines 5-45); providing location information to said first wireless device based on said determination (Abstract, col. 7 lines 44-55, col. 8 lines 31-45, col. 9 lines 28-47); and receiving location information on said first wireless device (Abstract, col. 7 lines 44-55, col. 8 lines 31-45, col. 9 lines 28-47).

Wallenius discloses requesting party receiving location information of a subscriber on the first wireless device but does not explicitly disclose displaying a map with a marker representative of the location of said second wireless device. Wollrab teaches displaying a map with a marker representative of the location of said second wireless device (at least see col. 4 lines 40-58 and Fig. 4A).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to modify the invention of Wallenius, to display the requested location information as a map on the wireless unit as taught by Wollrab, thus

allowing a better way of presenting requested information through a map with a location indicator (col. 4 lines 40-58).

Regarding claims 4, 6 and 8, Wallenius discloses the method of claim 3, wherein a positioning system is utilized to provide said location information (col. 7 lines 44-55, col. 8 lines 31-45, col. 9 lines 28-47).

Regarding claims 12, 17 and 18, the combination of Wallenius and Wollrab discloses receiving a third manual input, wherein said first wireless telephonic device assigned location access rights to said one of said plurality of wireless telephonic devices associated with said selected one of said plurality of users for obtaining a location of said first wireless telephonic device and said third manual input modifies said location access rights (Wollrab: col. 3 lines 35-67, changing membership).

Regarding claims 19-20, Wallenius discloses the method of claim 7, further comprising receiving a password on said first wireless device, wherein said password is utilized in said determination (col. 7 lines 25-34, col. 9 lines 4-11, using sending a code for identification purposes).

3. Claims 9-11, 13-16, and 21-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wallenius, in view of Wollrab, and further in view of Nowlin (US 2003/0144009).

Regarding claim 13, Wallenius in view of Wollrab discloses providing location information using GPS but does not specifically disclose that a triangulation process is utilized to provide said location information. Nowlin discusses triangulation for establishing location (Nowlin [0035] triangulation).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to modify the invention of Wallenius and Wollrab, to incorporate triangulation as a means to determine location, as taught by Nowlin, thus allowing alternative way of determining location of a remote device ([0035]).

Regarding claims 9-11, 14-16, and 21-22, the combination of Wallenius and Wollrab and Nowlin discloses the wireless telephonic device having a display that may display various functions such as user selection from a list of contacts (see e.g. Wollrab: col. 2 lines 15-36, col. 6 lines 12-28, col. 6 lines 56-67), data determination during location calculation(Nowlin: [0033]), location information display after location is determined (Wollrab: col. 4 lines 40-60) and direction obtainment if user wants to reach the determined location (Wollrab: col. 5 lines 22-43).

Conclusion

4. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to KATHY WANG-HURST whose telephone number is (571) 270-5371. The examiner can normally be reached on Monday-Thursday, 7:30am-5pm, alternate Fridays, EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nick Corsaro can be reached on (571) 272-7876. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/KATHY WANG-HURST/
Examiner, Art Unit 2617

/NICK CORSARO/
Supervisory Patent Examiner, Art Unit 2617

Notice of References Cited	Application/Control No. 11/462,201	Applicant(s)/Patent Under Reexamination MULLEN, JEFFREY D.	
	Examiner KATHY WANG-HURST	Art Unit 2617	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-2003/0144009 A1	07-2003	Nowlin, Dan	455/456
*	B	US-6,920,328 B2	07-2005	Wollrab, Lee M.	455/456.1
*	C	US-7,269,428 B1	09-2007	Wallenius et al.	455/456.2
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11462201	MULLEN, JEFFREY D.
	Examiner	Art Unit
	KATHY WANG-HURST	2617

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
Final	Original	02/09/2009	11/17/2009							
	1	-	-							
	2	-	-							
	3	✓	✓							
	4	✓	✓							
	5	✓	✓							
	6	✓	✓							
	7	✓	✓							
	8	✓	✓							
	9		✓							
	10		✓							
	11		✓							
	12		✓							
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	16		✓							
	17		✓							
	18		✓							
	19		✓							
	20		✓							
	21		✓							
	22		✓							

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11462201	MULLEN, JEFFREY D.
	Examiner	Art Unit
	KATHY WANG-HURST	2617

SEARCHED

Class	Subclass	Date	Examiner
455	456.1-457	2/9/2009	kwh
455	567	11/17/2009	kwh

SEARCH NOTES

Search Notes	Date	Examiner
class/subclass search on EAST	2/9/2009	kwh
inventor/assignee search on PALM	2/9/2009	kwh
key word/concept search on EAST	2/9/2009	kwh
updated search on EAST	11/17/2009	kwh

INTERFERENCE SEARCH

Class	Subclass	Date	Examiner

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	6908	455/456.1-457.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:10
L5	832	L4 and (determin$4 acquir $4 locat$4) same (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:10
L6	151	L4 and (determin$4 acquir $4 locat$4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:11
L7	151	L4 and (determin$4 acquir $4 locat$4 synchroniz$4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:12
L8	3221	455/566.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:14
L9	25	L4 and (determin$4 acquir $4 synchroniz$4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:15
L10	42	(l8 L4) and (determining acquiring synchronizing wait $4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:22
L11	1	(l8 L4) and (during while) near (determining acquiring synchronizing wait$4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:26
L12	12	(l8 L4) and (during while) near4 (determin$4 acquiring synchronizing wait$4) near4 (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:27
L13	2941	(data location) near (acqui $5 obtain$4) near4 (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:29

L14	840	(data location) near (acqui $5 obtain$4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:30
L15	254	(data location) near (acqui $5) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:30
S1	1	"11462201"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:39
S2	0	45/456.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:41
S3	4015	455/456.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:41
S4	6131	455/456.1-457.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:50
S5	1728	S4 and (access right$1) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:51
S6	62	S4 and (access same right $1) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:51
S7	5	S4 and (giv$4 same access same right$1) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:52
S8	24	S4 and (access near right $1) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:52
S9	2	(4654879|5043736).pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 16:18
S10	11	(4654879|5043736|5086390| 5097416|5197092|5305201| 5327144|5337334|5341410| 5384824|5388147).pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 16:20
S11	128	S4 and (display near users) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:36
S12	1	S4 and (display near contacts) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:38
S13	93	S4 and (contact near (list information database)) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:39

S14	14	S4 and (display same contact near (list information database)) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:39
S15	514	S4 and (address and map) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:45
S16	372	S4 and (address and map and display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:46
S17	109	S4 and ((address and map) same display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:46
S18	94	S4 and (select near (contact subscriber user) same display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:48
S19	7	S4 and (select near (contact subscriber) same display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:51
S20	41	S4 and (address near book) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:53
S21	23	S4 and (address near book) and map and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:53
S22	20	S4 and (address near book) and map and display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:55
S23	1	"5287541".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 18:22

11/17/2009 4:42:00 PM
C:\Documents and Settings\khurst\My Documents\EAST\Workspaces\11462201.wsp

PTO/SB/30EFS (10-08)
Approved for use through 11/30/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL
(Submitted Only via EFS-Web)

Application Number	11462201	Filing Date	2006-08-03	Docket Number (if applicable)	JDM/002 CON3	Art Unit	2617
First Named Inventor	Jeffrey D. Mullen			Examiner Name	Kathy W Wang-Hurst		

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV

SUBMISSION REQUIRED UNDER 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

- ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____
- ☐ Other _____

☒ Enclosed

- ☒ Amendment/Reply
- ☐ Information Disclosure Statement (IDS)
- ☐ Affidavit(s)/ Declaration(s)
- ☐ Other _____

MISCELLANEOUS

☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months _____
(Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

☐ Other _____

FEES

☒ **The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.**
The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No 503855

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

☐ Patent Practitioner Signature

☒ Applicant Signature

PTO/SB/30EFS (10-08)
Approved for use through 11/30/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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Applicant Signature			
Applicant 1		Remove	
Signature	/Jeffrey D. Mullen/	Date (YYYY-MM-DD)	2010-05-23
Name	Jeffrey D. Mullen		
Click ADD for additional Applicant Signature		Add	

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Jeffrey D. Mullen
Application No.	:	11/462,201
Confirmation No.	:	4907
Filed	:	August 3, 2006
For	:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
Group Art Unit	:	2617
Examiner	:	KATHY W WANG-HURST

Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Pittsburgh, PA 15232
May 23, 2010

REPLY TO OFFICE ACTION

Sir:

This is in response to the Office Action dated November 23, 2009. A three-month extension of time and a Request for Continued Examination is applicable hereto and is being submitted herewith. In response to the Office Action, applicant amends the application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 8 of this paper.

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-2. (cancelled).

3. (previously presented) A method comprising:

displaying on a first wireless telephonic device a plurality of users, wherein each one of said plurality of users is associated to a different one of a plurality of wireless telephonic devices;

receiving a first manual input in the form of a selection of one of said plurality of users;

receiving a second manual input in the form of a password;

determining whether to allow access of location information for said one of said plurality of wireless telephonic devices associated to said selected one of said plurality of users, wherein said determination includes identifying said user of said first wireless telephonic device using said password;

transmitting said location information from a server to said first wireless telephonic device; and

displaying said location information on said first wireless device.

4. (previously presented) The method of claim 3, wherein a positioning system is utilized to provide said location information.

5. (previously presented) A method comprising:

displaying on a wireless device a first name associated to a first wireless telephonic device and a second name associated to a second wireless telephonic device;

accepting a selection of said first name on said wireless device;

receiving manual input entered into said wireless device;

determining whether to transmit location information associated to said first wireless telephonic device from a server to said wireless device, wherein said determining includes performing an identification process based on said manual input and said server is located remotely from said wireless device, said first wireless telephonic device, and said second wireless telephonic device;

transmitting said location information to said wireless device based on said determination; and

displaying said location information on said wireless device.

6. (previously presented) The method of claim 5, wherein a positioning system is utilized to provide said location information.

7. (previously presented) A method comprising:

accepting on a first wireless device a manual selection representative of a second wireless device from a list representative of a plurality of wireless devices;

locating said second wireless device;

determining on a server whether said second wireless device has provided permission for said first wireless device to locate said second wireless device;

providing location information to said first wireless device based on said determination; and

displaying a map on said first wireless device with a marker representative of the location of said second wireless device.

8. (previously presented) The method of claim 7, wherein a positioning system is utilized to provide said location information.

9. (previously presented) The method of claim 3, wherein said selection occurs on a first display screen and a second display screen is provided on said first wireless telephonic device during said determination.

10. (previously presented) The method of claim 3, wherein said selection occurs on a first display screen, a second display screen is provided on said first wireless telephonic device during said determination, and a third display screen is provided on said first wireless device after said location information is transmitted to said first wireless telephonic device.

11. (previously presented) The method of claim 3, wherein said selection occurs on a first display screen, a second display screen is provided on said first wireless telephonic device during said determination, a third display screen is provided on said first wireless device after said location information is transmitted to said first wireless telephonic device, and a fourth display screen is provided that includes an option to obtain directions from said first wireless telephonic device to said one of said plurality of wireless

telephonic devices associated to said selected one of said plurality of users.

12. (previously presented) The method of claim 3, further comprising receiving a third manual input, wherein said first wireless telephonic device assigned location access rights to said one of said plurality of wireless telephonic devices associated with said selected one of said plurality of users for obtaining a location of said first wireless telephonic device and said third manual input modifies said location access rights.

13. (previously presented) The method of claim 3, wherein a triangulation process is utilized to provide said location information.

14. (previously presented) The method of claim 5, wherein said selection occurs on a first display screen and a second display screen is provided on said wireless device during said determination.

15. (previously presented) The method of claim 5, wherein said selection occurs on a first display screen, a second display screen is provided on said wireless device during said determination, and a third display screen is provided on said wireless device after said location information is transmitted to said wireless device.

16. (previously presented) The method of claim 5, wherein said selection occurs on a first display screen, a second display screen is provided on said wireless device during said determination, a third display screen is provided on said wireless device after

said location information is transmitted to said wireless device, and a fourth display screen is provided that includes an option to obtain directions from said wireless telephonic device to said first wireless telephonic device.

17. (previously presented) The method of claim 5, further comprising receiving a third manual input, wherein said wireless device assigned location access rights to said first wireless telephonic device for obtaining a location of said wireless device and said third manual input modifies said location access rights.

18. (previously presented) The method of claim 5, further comprising receiving a third manual input, wherein said wireless device assigned location access rights to said first wireless telephonic device for obtaining a location of said wireless device, said third manual input modifies said location access rights, and determining a travel time between said wireless device and said first wireless telephonic device.

19. (previously presented) The method of claim 7, further comprising receiving a password on said first wireless device, wherein said password is utilized in said determination.

20. (previously presented) The method of claim 7, further comprising receiving a password and a login on said first wireless device, wherein said password is utilized in said determination.

21. (previously presented) The method of claim 7, wherein said manual selection occurs on a first

display screen and a second display screen is provided on said first wireless device during said determination.

22. (previously presented) The method of claim 7, wherein said manual selection occurs on a first display screen, a second display screen is provided on said first wireless device during said determination, and a third display screen is provided on said first wireless device after said location information is transmitted to said first wireless device.

REMARKS/ARGUMENTS

Summary of Office Action

Claims 3-8 are pending.

Claims 3-8, 12, and 17-20 were rejected under 35 U.S.C. 103(a) as being unpatentable over Wallenius et al U.S. Patent N. 7,269,438 (hereinafter "Wallenius") in view of Wollrab U.S. Patent No. 6,920,328 (hereinafter "Wollrab").

Claims 9-11, 13-16, and 21-22 were rejected under 35 U.S.C. 103(a) as being unpatentable over Wallenius, in view of Wollrab, and further in view of Nowlin U.S. Patent Application Publication No. 2003/144009 (hereinafter "Nowlin").

Summary of Applicant's Amendments

Applicant respectfully traverses the Examiner's rejections. Applicant reserves the right to file any number of continuation or divisional claims directed to any of the subject matter contained in applicant's specification.

Applicant's Reply to the 103(a) Rejections

Claims 3-8, 12, and 17-20 were rejected under 35 U.S.C. 103(a) as being unpatentable over Wallenius in view of Wollrab.

Claim 3

The Examiner stated:

> "Wallenius discloses … a user requests for location information of a subscriber in a communication network … It is well known in the art that there are many subscribers in a network … it is also common knowledge in the art that a user makes a selection via a key input … " (Office Action, pages 2-3)

Wallenius, however, does not show or suggest displaying a plurality of users on a wireless device -

let alone a manual input of a selection of one of a plurality of users. The Examiner's argument that a plurality of users exist in a network is irrelevant.

Wallenus merely "sends a request for specific information of a subscriber" (Wallenius, abstract and col. 2, lines 40-41). Accordingly, Wallenius is silent on applicant's invention of claim 3 of displaying a plurality of users on a wireless device - let alone a manual input in the form of a selection of one of the plurality of users. As a result, Wallenius is also silent on applicant's invention of claim 3 of determining whether to allow access of location information associated with the selected user.

Wollrab does not correct for this deficiency. Wollrab merely alleges storing information and periodically updating this stored information - no selection is involved. Accordingly, Wollrab also does not show or suggest displaying a plurality of users and a manual input in the form of a selection of one of the plurality of users in accordance with applicant's invention of claim 3.

It appears as if the Examiner has rejected claim 3 in view of multiple instances of Official Notice. The Examiner's repeated and continuous inference of "it is common knowledge" or "it is well known" without any documentary support is merely hindsight reconstruction and a delay of prosecution on the merits. Any rejection that does not show each and every element of a claim in one or more references is an inadequate rejection. For rejections under 35 U.S.C. § 103(a), the Examiner has the burden of showing each and every element of applicant's invention in the prior art combination. If the Examiner is taking Official Notice, MPEP § 2144.03 requires that the facts of which notice are being taken be capable of

instant and unquestionable demonstration as being well known in the art. *See In re Ahlert*, 424 F.2d 1088, 1091, 165 USPQ 418, 420 (CCPA 1970). Applicant believes that the "facts" of which the Examiner may have taken Official Notice do not meet that standard, and invoke his right under MPEP § 2144.03 to have the Examiner provide documentary proof that those facts are actually well known. The Examiner "cannot simply reach conclusions based on its own understanding or experience – or on its assessment of what would be basic knowledge or common sense. Rather, ... [the Examiner] ... must point to some concrete evidence in the record in support of these findings." *In re Zurko*, 258 F.3d at 1385, 59 USPQ2d at 1697 (Fed. Cir. 2001). If the Examiner is relying on personal knowledge to support the finding of what is known in the art, the examiner must provide an affadavit or declaration setting forth factual statements and explanation to such a finding. *See* MPEP 2144.03(c). Applicant reserves the right at any time to Petition for Patent Term Adjustment or Extension in light of the delay. The Examiner cannot make rejections using a reference or combination of references where the references do not show each and every element of a particular claim. Applicant respectfully requests that the Examiner withdraw any rejections that do not show the inclusion of each and every element of a particular claim in a reference or a combination of references.

Additionally, for example, the Examiner stated:

> "It is common knowledge that a user sending a code to the network from a wireless communication devices involves some key input action … it is well known in the art that a password is used for identification purposes. See "Wollrab col. 3, lines 1-2" (Office Action, page 2)

Wallenius, however, does not show or suggest applicant's invention of claim 3 of receiving manual input in the form of a password. In fact, Wallenius does not even show or suggest a code entered by the user as the Examiner suggests. Wallenius merely discusses:

> "a code or the like which is included in the request" (Wallenius, col. 6, lines 57-65)
>
> "the code indicating an authorization and sent with the request is determined … and checked" (Wallenius, col. 7, lines 31-32)
>
> "one or more codes indicating an authorization of a requesting side can be stored" (Wallenius, col. 9, lines 7-8).

Wollrab does now correct for this deficiency. Wollrab makes no mention of applicant's invention of claim 3 of a user selection and a manually input password - merely a code distributed autonomously without any manual input. Particularly, Wollrab alleges:

> "Calendar … generates new family code or password periodically." (Wollrab, col. 3, lines 59-61)

Accordingly, neither Wallenius nor Wollrab show or suggest applicant's invention of claim 3 of a second manual input in the form of a password utilized to identify the user of the first wireless device – let alone determining whether to allow access based on the identification.

Moreover, Wollrab and Wallenius are unrelated, precision devices that directly teach away from one another. The Examiner cannot pick and chose elements of unrelated devices and put them together to form a completely new device in hindsight. The Examiner also cannot utilize numerous elements "in common knowledge" to the Examiner to mutate the combination even more. In doing so, the Examiner merely creates in inoperable

device while eviscerating the spirit of the individual Wollrab and Wallenius devices.

In light of the foregoing, applicant respectfully requests that the Examiner's rejection of claim 3, and any claim dependent therefrom, is patentable.

Claims 5

As shown above, claim 3 is patentable. Claim 5 includes patentable features similar to patentable features of claim 3. Accordingly, applicant respectfully submits that claim 5 is patentable.

For example, neither Wallenius nor Wollrab show or suggest applicant's invention of claim 5 of displaying on a wireless device a first and second name, accepting a selection of the first name, and determining whether to transmit location information that includes performing an identification process based on manual input.

In light of the foregoing, applicant respectfully requests that the Examiner's rejections of claim 5, and any claims dependent therefrom, be withdrawn.

Claims 7

As shown above, claim 3 is patentable. Claim 7 includes patentable features similar to patentable features of claim 3. Accordingly, applicant respectfully submits that claim 7 is patentable.

For example, neither Wallenius nor Wollrab show or suggest applicant's invention of claim 7 of accepting on a first wireless device a manual selection representative of a second wireless device from a list representative of a plurality of wireless devices, locating the second wireless device, and determining on a server whether said second wireless device has provided

permission for said first wireless device to locate said second wireless device.

In light of the foregoing, applicant respectfully requests that the Examiner's rejections of claim 7, and any claims dependent therefrom, be withdrawn.

The Dependent Claims

Claims 9-11, 13-16, and 21-22 were rejected under 35 U.S.C. 103(a) as being unpatentable over Wallenius, in view of Wollrab, and further in view of Nowlin.

As shown above, claims 3, 5, and 7 are patentable. Claims 9-11, 13-16, and 21-22 depend fro mone of claims 3, 5, and 7. Accordingly, 9-11, 13-16, and 21-22 are patentable for depending from a patentable base claim.

Conclusion

Applicant respectfully submits that this application, including the pending claims, is in condition for allowance.

Reconsideration and prompt allowance of this application are respectfully requested.

The Director is hereby authorized to charge and fees due in conjunction with this filing, or to credit any overpayment of the same, to Deposit Account No. 50-3855.

Respectfully Submitted,

/Jeffrey D. Mullen/
Jeffrey D. Mullen
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Electronic Patent Application Fee Transmittal

Application Number:	11462201
Filing Date:	03-Aug-2006
Title of Invention:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
First Named Inventor/Applicant Name:	Jeffrey D. Mullen
Filer:	Jeffrey David Mullen
Attorney Docket Number:	JDM/002 CON3

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Extension - 3 months with $0 paid	2253	1	555	555

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
Request for continued examination	2801	1	405	405
		Total in USD ($)		**960**

Electronic Acknowledgement Receipt	
EFS ID:	7667277
Application Number:	11462201
International Application Number:	
Confirmation Number:	4907
Title of Invention:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
First Named Inventor/Applicant Name:	Jeffrey D. Mullen
Customer Number:	32733
Filer:	Jeffrey David Mullen
Filer Authorized By:	
Attorney Docket Number:	JDM/002 CON3
Receipt Date:	23-MAY-2010
Filing Date:	03-AUG-2006
Time Stamp:	17:20:07
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	$960
RAM confirmation Number	8135
Deposit Account	503855
Authorized User	MULLEN,JEFFREY D.
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 (National application filing, search, and examination fees) Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)	

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees) Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees) Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for Continued Examination (RCE)	JDM-002C3--RCE.pdf	697284 b9d3b643ee45d96e44cb193aa35786d33968b13b	no	3
Warnings:					
Information:					
2		JDM-002C3--Reply.pdf	33317 91550520a5c73ea3354c2f0c292100107f439173	yes	13

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Amendment After Final	1	1
	Claims	2	7
	Applicant Arguments/Remarks Made in an Amendment	8	13

Warnings:					
Information:					
3	Fee Worksheet (PTO-875)	fee-info.pdf	32371 f46425b0ad834a754dd3e173c81dc8ac2cc8b63d	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	762972		

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.

PTO/SB/06 (07-06)
Approved for use through 1/31/2007. OMB 0651-0032
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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 11/462,201	Filing Date 08/03/2006	☐ To be Mailed

APPLICATION AS FILED – PART I

	(Column 1)	(Column 2)	SMALL ENTITY ☒		OR	OTHER THAN SMALL ENTITY	
FOR	NUMBER FILED	NUMBER EXTRA	RATE ($)	FEE ($)		RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =		OR	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =			X $ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $250 ($125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			TOTAL	

APPLICATION AS AMENDED – PART II

		(Column 1)		(Column 2)	(Column 3)	SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
AMENDMENT	**05/23/2010**	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 20	Minus	** 20	= 0	X $26 =	0	OR	X $ =	
	Independent (37 CFR 1.16(h))	* 3	Minus	***3	= 0	X $110 =	0	OR	X $ =	
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE	0	OR	TOTAL ADD'L FEE	

		(Column 1)		(Column 2)	(Column 3)					
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =		OR	X $ =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =		OR	X $ =	
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Legal Instrument Examiner:
/ANDREA BURDEN/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/462,201	08/03/2006	Jeffrey D. Mullen	JDM/002 CON3	4907

32733 7590 06/30/2010

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PITTSBURGH, PA 15232

EXAMINER	
WANG-HURST, KATHY W	
ART UNIT	**PAPER NUMBER**
2617	

MAIL DATE	DELIVERY MODE
06/30/2010	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	11/462,201	MULLEN, JEFFREY D.	
	Examiner	Art Unit	
	KATHY WANG-HURST	2617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *23 May 2010*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *3-22* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *3-22* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 5/23/2010 has been entered.

Response to Amendment

1. Applicant's amendment filed on 5/23/2010 has been entered. Claims 3-22 are pending in this application.

Response to Arguments

1. Applicant's arguments with respect to claims 3-22 have been considered but are moot in view of the new ground(s) of rejection.

The applicant argued that prior art of record Wallenius does not show or suggest displaying a plurality of users on a wireless device and also requested the examiner to provide documentary proof that the argued feature is actually well known (see pages 8-10). In response to applicant's request, the examiner brings Alterman to show that it is indeed well known in the art that a wireless device may display a plurality of users on a display (see col. 5 lines 23-32 where Alterman discusses a user scrolls through a contact list and selects individuals from the contact list the user wishes to establish communications with).

Concerning the combination of references, all of the references are from the same field, i.e. communication systems and concern analogous topics. Therefore, the examiner contends that the references would be combinable to one skilled in the art.

Therefore, the argued limitations read upon the cited references or are written broad such that they read upon the cited references, as follow.

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

2. Claims 3-8, 12, 17-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wallenius et al. (US 7269428) in view of Wollrab (US 6920328), further in view of Alterman et al. (US 6882856).

Regarding claim 3, Wallenius discloses a method comprising:

displaying on a first wireless telephonic device a user, wherein said user is associated to a different wireless telephonic device (col. 2 lines 37-55, a requesting side and a target subscriber are associated with a wireless radio device where the requesting side request location information of the target subscriber and the requesting must be performed via requesting side's wireless device interface such as a display; col. 8 lines 17-45, displaying information on the display);

receiving a first manual input in the form of a selection of the user (see Abstract, col.2 lines 37-55, receiving a request from a requesting side requesting specific information of a subscriber);

receiving a second manual input in the form of a password (i.e. see col. 6 lines 57-65, col. 7 lines 24-35, col. 9 lines 4-11, receiving a code entered by the requesting side therefore a password);

determining whether to allow access of location information for said one of said plurality of wireless telephonic devices associated to said selected one of said plurality of users (at least see Abstract, col. 7 lines 44-55, col. 8 lines 31-45, col. 9 lines 28-47), wherein said determination includes identifying said user of said first wireless telephonic device using said password (col. 6 lines 57-65, col. 7 lines 24-35, col. 7 lines 44-55, col. 8 lines 31-45, col. 9 lines 4-11, decision is based on the code entered);

transmitting said location information from a server to said first wireless telephonic device (Abstract, col. 7 lines 44-55, col. 8 lines 31-45, col. 9 lines 28-47); and

displaying said location information on said first wireless device (col. 8 lines 17-45, displaying information on the display).

Wallenius discloses selecting a subscriber for location information from a mobile unit but does not explicitly disclose displaying on a first wireless telephonic device a plurality of users, wherein each one of said plurality of users is associated to a different one of a plurality of wireless telephonic devices.

In analogous art, Wollrab teaches displaying on a wireless telephonic device a plurality of users, wherein each one of said plurality of users is associated to a different

one of a plurality of wireless telephonic devices (see e.g. col. 2 lines 15-36, col. 6 lines 12-28, col. 6 lines 56-67).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to modify the invention of Wallenius, to display an address book which stores all contact information and retrieve contact information from the address book in order to find the contact's location, as taught by Wollrab, thus allowing a more efficient way of locating personal contact information (col. 6 lines 12-28).

Although Wallenius discusses the step of selecting a user subscriber for his/her location information and Wollrab discusses selecting family members to track location and coordinate activities, Wallenius in view of Wollrab does not specifically or explicitly show the step of selecting a user from a plurality of users in a form of a manual input.

Instead of taking an Official Notice, per applicant's request to show actual references (see page 10 of applicant's remarks/arguments), the examiner brings Alterman to show such feature is well known in the art (see col. 5 lines 23-32 where Alterman discusses a user scrolls through a contact list and selects people from the list the user desires to establish communications with).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to modify the invention of Wallenius in view of Wollrab, to select an individual from a list of individuals on a screen of a mobile device, as taught by Alterman, thus allowing setting up a targeted dynamic group call (see col. 5 lines 23-32).

Regarding claim 5, Wallenius discloses a method comprising:

displaying on a first wireless telephonic device a user, wherein said user is associated to a different wireless telephonic device (col. 2 lines 37-55, a requesting side and a target subscriber are associated with a wireless radio device where the requesting side request location information of the target subscriber and the requesting must be performed via requesting side's wireless device interface such as a display; col. 8 lines 17-45, displaying information on the display);

accepting a selection of said first name on said wireless device (see Abstract, col.2 lines 37-55, receiving a request from a requesting side requesting specific information of a subscriber, and therefore the requesting side must select a specific target for location information);

receiving manual input in the form of a password (i.e. see col. 6 lines 57-65, col. 7 lines 24-35, col. 9 lines 4-11, receiving a code entered by the requesting side therefore a password);

determining whether to transmit location information associated to said first wireless telephonic device from a server to said wireless device, wherein said determining includes performing an identification process based on said manual input and said server is located remotely from said wireless device, said first wireless telephonic device, and said second wireless telephonic device (col. 6 lines 57-65, col. 7 lines 24-35, col. 7 lines 44-55, col. 8 lines 31-45, col. 9 lines 4-11, decision is based on the identification or code entered);

transmitting said location information from a server to said first wireless telephonic device (Abstract, col. 7 lines 44-55, col. 8 lines 31-45, col. 9 lines 28-47); and

displaying said location information on said first wireless device (col. 8 lines 17-45, displaying information on the display).

Wallenius discloses selecting a subscriber for location information from a mobile unit but does not explicitly disclose displaying on a first wireless telephonic device a plurality of users, wherein each one of said plurality of users is associated to a different one of a plurality of wireless telephonic devices.

In analogous art, Wollrab teaches displaying on a wireless telephonic device a plurality of users, wherein each one of said plurality of users is associated to a different one of a plurality of wireless telephonic devices (see e.g. col. 2 lines 15-36, col. 6 lines 12-28, col. 6 lines 56-67).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to modify the invention of Wallenius, to display an address book which stores all contact information and retrieve contact information from the address book in order to find the contact's location, as taught by Wollrab, thus allowing a more efficient way of locating personal contact information (col. 6 lines 12-28).

Although Wallenius discusses the step of selecting a user subscriber for his/her location information and Wollrab discusses selecting family members to track location and coordinate activities, Wallenius in view of Wollrab does not specifically or explicitly show the step of selecting a user from a plurality of users in a form of a manual input.

Instead of taking an Official Notice, per applicant's request to show actual references (see page 10 of applicant's remarks/arguments), the examiner brings Alterman to show such feature is well known in the art (see col. 5 lines 23-32 where Alterman discusses a user scrolls through a contact list and selects people from the list the user desires to have a conversation with).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to modify the invention of Wallenius in view of Wollrab, to select an individual from a list of individuals on a screen of a mobile device, as taught by Alterman, thus allowing setting up a targeted dynamic group call (see col. 5 lines 23-32).

Regarding claim 7, Wallenius discloses a method comprising:

accepting on a first wireless device a manual selection representative of a second wireless device (i.e. see col.2 lines 37-55, col. 6 lines 57-65, col. 7 lines 24-35, col. 9 lines 4-11, requesting a subscriber information and entering a code, therefore the receiving side must be accepting the input request);

locating said second wireless device (col. 8 lines 31-45);

determining on a server whether said second wireless device has provided permission for said first wireless device to locate said second wireless device(at least see Fig. 7, col. 8 lines 5-45);

providing location information to said first wireless device based on said determination (Abstract, col. 7 lines 44-55, col. 8 lines 31-45, col. 9 lines 28-47); and

receiving location information on said first wireless device (Abstract, col. 7 lines 44-55, col. 8 lines 31-45, col. 9 lines 28-47).

Wallenius discloses requesting party receiving location information of a subscriber on the first wireless device but does not explicitly disclose displaying a map with a marker representative of the location of said second wireless device.

In an analogous art, Wollrab teaches displaying a map with a marker representative of the location of said second wireless device (at least see col. 4 lines 40-58 and Fig. 4A).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to modify the invention of Wallenius, to display the requested location information as a map on the wireless unit as taught by Wollrab, thus allowing a better way of presenting requested information through a map with a location indicator (col. 4 lines 40-58).

Although Wallenius discusses the step of selecting a user subscriber for his/her location information and Wollrab discusses selecting family members to track location and coordinate activities, Wallenius in view of Wollrab does not specifically or explicitly show the step of selecting a user from a plurality of users in a form of a manual input.

Instead of taking an Official Notice, per applicant's request to show actual references (see page 10 of applicant's remarks/arguments), the examiner brings Alterman to show such feature is well known in the art (see col. 5 lines 23-32 where Alterman discusses a user scrolls through a contact list and selects people from the list the user desires to have a conversation with).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to modify the invention of Wallenius in view of Wollrab, to select an individual from a list of individuals on a screen of a mobile device, as taught by Alterman, thus allowing setting up a targeted dynamic group call (see col. 5 lines 23-32).

Regarding claims 4, 6 and 8, Wallenius discloses the method of claim 3, wherein a positioning system is utilized to provide said location information (col. 7 lines 44-55, col. 8 lines 31-45, col. 9 lines 28-47).

Regarding claims 12, 17 and 18, the combination of Wallenius, Wollrab and Alterman discloses receiving a third manual input, wherein said first wireless telephonic device assigned location access rights to said one of said plurality of wireless telephonic devices associated with said selected one of said plurality of users for obtaining a location of said first wireless telephonic device and said third manual input modifies said location access rights (see e.g. Wollrab: col. 3 lines 35-67, changing membership).

Regarding claims 19-20, Wallenius discloses the method of claim 7, further comprising receiving a password on said first wireless device, wherein said password is utilized in said determination (col. 7 lines 25-34, col. 9 lines 4-11, using sending a code for identification purposes).

3. Claims 9-11, 13-16, and 21-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wallenius, in view of Wollrab and Alterman, and further in view of Nowlin (US 2003/0144009).

Regarding claim 13, Wallenius in view of Wollrab discloses providing location information using GPS but does not specifically disclose that a triangulation process is utilized to provide said location information. Nowlin discusses triangulation for establishing location (Nowlin [0035] triangulation).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to modify the invention of Wallenius and Wollrab, to incorporate triangulation as a means to determine location, as taught by Nowlin, thus allowing alternative way of determining location of a remote device ([0035]).

Regarding claims 9-11, 14-16, and 21-22, the combination of Wallenius, Wollrab, Alterman and Nowlin discloses the wireless telephonic device having a display that may display various functions such as user selection from a list of contacts (see e.g. Wollrab: col. 2 lines 15-36, col. 6 lines 12-28, col. 6 lines 56-67), data determination during location calculation(Nowlin: [0033]), location information display after location is determined (Wollrab: col. 4 lines 40-60) and direction obtainment if user wants to reach the determined location (Wollrab: col. 5 lines 22-43).

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Kim (5950137) discloses a method for supplying subscriber location information in a mobile communications system.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to KATHY WANG-HURST whose telephone number is

(571) 270-5371. The examiner can normally be reached on Monday-Thursday, 7:30am-5pm, alternate Fridays, EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nick Corsaro can be reached on (571) 272-7876. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/KATHY WANG-HURST/
Examiner, Art Unit 2617

/HUY PHAN/
Primary Examiner, Art Unit 2617

Notice of References Cited	Application/Control No. 11/462,201	Applicant(s)/Patent Under Reexamination MULLEN, JEFFREY D.	
	Examiner KATHY WANG-HURST	Art Unit 2617	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-5,950,137 A	09-1999	Kim, Young-Je	455/456.2
*	B	US-2001/0029184 A1	10-2001	I'Anson et al.	455/456
*	C	US-2002/0039904 A1	04-2002	Anderson, Robert J.	455/456
*	D	US-6,882,856 B1	04-2005	Alterman et al.	455/519
*	E	US-6,920,328 B2	07-2005	Wollrab, Lee M.	455/456.1
*	F	US-7,269,428 B1	09-2007	Wallenius et al.	455/456.2
*	G	US-7,409,429 B2	08-2008	Kaufman et al.	709/207
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11462201	MULLEN, JEFFREY D.
	Examiner	Art Unit
	KATHY WANG-HURST	2617

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
Final	Original	02/09/2009	11/17/2009	06/23/2010						
	1	-	-	-						
	2	-	-	-						
	3	✓	✓	✓						
	4	✓	✓	✓						
	5	✓	✓	✓						
	6	✓	✓	✓						
	7	✓	✓	✓						
	8	✓	✓	✓						
	9		✓	✓						
	10		✓	✓						
	11		✓	✓						
	12		✓	✓						
	13		✓	✓						
	14		✓	✓						
	15		✓	✓						
	16		✓	✓						
	17		✓	✓						
	18		✓	✓						
	19		✓	✓						
	20		✓	✓						
	21		✓	✓						
	22		✓	✓						

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11462201	MULLEN, JEFFREY D.
	Examiner	Art Unit
	KATHY WANG-HURST	2617

SEARCHED

Class	Subclass	Date	Examiner
455	456.1-457	2/9/2009	kwh
455	567	11/17/2009	kwh

SEARCH NOTES

Search Notes	Date	Examiner
class/subclass search on EAST	2/9/2009	kwh
inventor/assignee search on PALM	2/9/2009	kwh
key word/concept search on EAST	2/9/2009	kwh
updated search on EAST	11/17/2009	kwh
updated EAST search	6/23/2010	kwh
consulted primary examiner Huy Phan	6/23/2010	kwh

INTERFERENCE SEARCH

Class	Subclass	Date	Examiner

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	7590	455/456.1-457.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:35
L4	421	L3 and select$4 near4 (list multiple plurality) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:35
L5	127	L3 and select$4 near4 (list multiple plurality) near8 (user input) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:36
L6	32	L3 and select$4 near4 (list multiple plurality) near8 (user input) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:36
L7	26	L3 and select$4 near4 (list multiple plurality) near4 (user contact) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:38
L8	1	L3 and select$4 near4 (contact person friend) near4 (list multiple plurality) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:40
L9	1	L3 and select$4 near4 (contact person friend people) near4 (list address multiple plurality) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:40
L10	1	L3 and (choos$4 select$4) near4 (contact person friend people) near4 (list address multiple plurality) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:41
L11	37	L3 and (choos$4 select$4) near4 (contact person friend people subscriber user) near4 (list address multiple plurality) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:42

L12	2	L3 and (choos$4 select$4) near4 (contact person friend people subscriber) near4 (list address multiple plurality) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:42
L13	304	"455"/$.ccls. and (choos$4 select$4) near4 (contact person friend people subscriber user) near4 (list address multiple plurality) same display and location and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:51
L14	56	"455"/$.ccls. and (choos$4 select$4) near4 (contact person friend people subscriber user) near4 (list address multiple plurality) same display same location and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:52
L15	1	"5950137".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:55
L17	96	((JEFFREY) near2 (MULLEN)).INV.	US-PGPUB; USPAT	OR	ON	2010/06/23 17:54
L18	1	l17 and (determin$4 same allow$4 same access same location same information same display$4).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 17:55
S1	1	"11462201"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:39
S2	0	45/456.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:41
S3	4015	455/456.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:41
S4	6131	455/456.1-457.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:50
S5	1728	S4 and (access right$1) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:51
S6	62	S4 and (access same right $1) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:51

S7	5	S4 and (giv$4 same access same right$1) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:52
S8	24	S4 and (access near right $1) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:52
S9	2	(4654879|5043736).pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 16:18
S10	11	(4654879|5043736|5086390|5097416|5197092|5305201|5327144|5337334|5341410|5384824|5388147).pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 16:20
S11	128	S4 and (display near users) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:36
S12	1	S4 and (display near contacts) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:38
S13	93	S4 and (contact near (list information database)) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:39
S14	14	S4 and (display same contact near (list information database)) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:39
S15	514	S4 and (address and map) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:45
S16	372	S4 and (address and map and display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:46
S17	109	S4 and ((address and map) same display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:46
S18	94	S4 and (select near (contact subscriber user) same display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:48
S19	7	S4 and (select near (contact subscriber) same display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:51
S20	41	S4 and (address near book) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:53
S21	23	S4 and (address near book) and map and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:53

S22	20	S4 and (address near book) and map and display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:55
S23	1	"5287541".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 18:22
S24	6908	455/456.1-457.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:10
S25	832	S24 and (determin$4 acquir $4 locat$4) same (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:10
S26	151	S24 and (determin$4 acquir $4 locat$4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:11
S27	151	S24 and (determin$4 acquir $4 locat$4 synchroniz$4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:12
S28	3221	455/566.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:14
S29	25	S24 and (determin$4 acquir $4 synchroniz$4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:15
S30	42	(S28 S24) and (determining acquiring synchronizing wait $4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:22
S31	1	(S28 S24) and (during while) near (determining acquiring synchronizing wait $4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:26
S32	12	(S28 S24) and (during while) near4 (determin$4 acquiring synchronizing wait $4) near4 (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:27
S33	2941	(data location) near (acqui $5 obtain$4) near4 (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:29

S34	840	(data location) near (acqui $5 obtain$4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:30
S35	254	(data location) near (acqui $5) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:30

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Jeffrey D. Mullen
Application No.	:	11/462,201
Confirmation No.	:	4907
Filed	:	August 3, 2006
For	:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
Group Art Unit	:	2617
Examiner	:	KATHY W WANG-HURST

Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Pittsburgh, PA 15232
December 30, 2010

REPLY TO OFFICE ACTION

Sir:

This is in response to the Office Action dated June 30, 2010. A three-month extension of time is applicable hereto and is being submitted herewith. In response to the Office Action, applicant amends the application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 8 of this paper.

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-2. (cancelled).

3. (previously presented) A method comprising:

displaying on a first wireless telephonic device a plurality of users, wherein each one of said plurality of users is associated to a different one of a plurality of wireless telephonic devices;

receiving a first manual input in the form of a selection of one of said plurality of users;

receiving a second manual input in the form of a password;

determining whether to allow access of location information for said one of said plurality of wireless telephonic devices associated to said selected one of said plurality of users, wherein said determination includes identifying said user of said first wireless telephonic device using said password;

transmitting said location information from a server to said first wireless telephonic device; and

displaying said location information on said first wireless device.

4. (previously presented) The method of claim 3, wherein a positioning system is utilized to provide said location information.

5. (previously presented) A method comprising:

displaying on a wireless device a first name associated to a first wireless telephonic device and a second name associated to a second wireless telephonic device;

accepting a selection of said first name on said wireless device;

receiving manual input entered into said wireless device;

determining whether to transmit location information associated to said first wireless telephonic device from a server to said wireless device, wherein said determining includes performing an identification process based on said manual input and said server is located remotely from said wireless device, said first wireless telephonic device, and said second wireless telephonic device;

transmitting said location information to said wireless device based on said determination; and

displaying said location information on said wireless device.

6. (previously presented) The method of claim 5, wherein a positioning system is utilized to provide said location information.

7. (previously presented) A method comprising:

accepting on a first wireless device a manual selection representative of a second wireless device from a list representative of a plurality of wireless devices;

locating said second wireless device;

determining on a server whether said second wireless device has provided permission for said first wireless device to locate said second wireless device;

providing location information to said first wireless device based on said determination; and

displaying a map on said first wireless device with a marker representative of the location of said second wireless device.

8. (previously presented) The method of claim 7, wherein a positioning system is utilized to provide said location information.

9. (previously presented) The method of claim 3, wherein said selection occurs on a first display screen and a second display screen is provided on said first wireless telephonic device during said determination.

10. (previously presented) The method of claim 3, wherein said selection occurs on a first display screen, a second display screen is provided on said first wireless telephonic device during said determination, and a third display screen is provided on said first wireless device after said location information is transmitted to said first wireless telephonic device.

11. (previously presented) The method of claim 3, wherein said selection occurs on a first display screen, a second display screen is provided on said first wireless telephonic device during said determination, a third display screen is provided on said first wireless device after said location information is transmitted to said first wireless telephonic device, and a fourth display screen is provided that includes an option to obtain directions from said first wireless telephonic device to said one of said plurality of wireless

telephonic devices associated to said selected one of said plurality of users.

12. (previously presented) The method of claim 3, further comprising receiving a third manual input, wherein said first wireless telephonic device assigned location access rights to said one of said plurality of wireless telephonic devices associated with said selected one of said plurality of users for obtaining a location of said first wireless telephonic device and said third manual input modifies said location access rights.

13. (previously presented) The method of claim 3, wherein a triangulation process is utilized to provide said location information.

14. (previously presented) The method of claim 5, wherein said selection occurs on a first display screen and a second display screen is provided on said wireless device during said determination.

15. (previously presented) The method of claim 5, wherein said selection occurs on a first display screen, a second display screen is provided on said wireless device during said determination, and a third display screen is provided on said wireless device after said location information is transmitted to said wireless device.

16. (previously presented) The method of claim 5, wherein said selection occurs on a first display screen, a second display screen is provided on said wireless device during said determination, a third display screen is provided on said wireless device after

said location information is transmitted to said wireless device, and a fourth display screen is provided that includes an option to obtain directions from said wireless telephonic device to said first wireless telephonic device.

17. (previously presented) The method of claim 5, further comprising receiving a third manual input, wherein said wireless device assigned location access rights to said first wireless telephonic device for obtaining a location of said wireless device and said third manual input modifies said location access rights.

18. (previously presented) The method of claim 5, further comprising receiving a third manual input, wherein said wireless device assigned location access rights to said first wireless telephonic device for obtaining a location of said wireless device, said third manual input modifies said location access rights, and determining a travel time between said wireless device and said first wireless telephonic device.

19. (previously presented) The method of claim 7, further comprising receiving a password on said first wireless device, wherein said password is utilized in said determination.

20. (previously presented) The method of claim 7, further comprising receiving a password and a login on said first wireless device, wherein said password is utilized in said determination.

21. (previously presented) The method of claim 7, wherein said manual selection occurs on a first

display screen and a second display screen is provided on said first wireless device during said determination.

22. (previously presented) The method of claim 7, wherein said manual selection occurs on a first display screen, a second display screen is provided on said first wireless device during said determination, and a third display screen is provided on said first wireless device after said location information is transmitted to said first wireless device.

REMARKS/ARGUMENTS

Summary of Office Action

Claims 3-8 are pending.

Claims 3-8, 12, and 17-20 were rejected under 35 U.S.C. 103(a) as being unpatentable over Wallenius et al U.S. Patent N. 7,269,438 (hereinafter "Wallenius") in view of Wollrab U.S. Patent No. 6,920,328 (hereinafter "Wollrab") and further in view of Alterman U.S. Patent No. 6,882,856 (hereinafter "Alterman").

Claims 9-11, 13-16, and 21-22 were rejected under 35 U.S.C. 103(a) as being unpatentable over Wallenius, in view of Wollrab, in view of Alterman, and further in view of Nowlin U.S. Patent Application Publication No. 2003/144009 (hereinafter "Nowlin").

Summary of Applicant's Amendments

Applicant respectfully traverses the Examiner's rejections. Applicant reserves the right to file any number of continuation or divisional claims directed to any of the subject matter contained in applicant's specification.

Applicant's Reply to the 103(a) Rejections

Claims 3-8, 12, and 17-20 were rejected under 35 U.S.C. 103(a) as being unpatentable over Wallenius in view of Wollrab and further in view of Alterman.

Claim 3

Wallenius does not show or suggest displaying a plurality of users on a wireless device - let alone a manual input of a selection of one of a plurality of users and determining whether to allow access of location

information for the device associated to the selected user.

Wallenius merely "sends a request for specific information of a subscriber" (Wallenius, abstract and col. 2, lines 40-41). Accordingly, Wallenius is silent on applicant's invention of claim 3 of displaying a plurality of users on a wireless device - let alone a manual input in the form of a selection of one of the plurality of users and determining whether to allow access of location information for the device associated to the selected user.

Wollrab does not correct for this deficiency. Wollrab merely alleges storing information and periodically updating this stored information - no selection is involved. Accordingly, Wollrab also does not show or suggest displaying a plurality of users and a manual input in the form of a selection of one of the plurality of users and determining whether to allow access of location information for the device associated to the selected user in accordance with applicant's invention of claim 3.

Similarly, Alterman does not correct for the deficiency of Wallenius and Wollrab. Particularly, the Examiner stated that:

> "Alterman discusses a user scrolls through a contact list and selects people from the list the user desires to establish communication with."

The Examiner's argument, however, is irrelevant. Establishing communication is not applicant's invention of claim 3 of determining whether to allow access of location information for the device associated to the selected user.

In fact, Alterman teaches directly away from Wollrab and Wallenius. Alterman is a precision system

that merely alleges establishing group calls. Alterman is far removed from Wollrab and Wallenius does not even include any discussion of utilizing a user's location. The Examiner cannot, in hindsight, merely pick and choose unrelated elements of unrelated systems in order to create a new, inoperable device. In doing so, the Examiner merely eviscerates the spirit of the individual devices.

In light of the foregoing, applicant respectfully submits that neither Wallenius, Wollrab, nor Alterman, used either alone or in combination, show or suggest applicant's invention of claim 3 of a manual input of a selection of one of a plurality of users and determining whether to allow access of location information for the device associated to the selected user. Accordingly, applicant respectfully requests that the Examiner's rejection of claim 3, and any claim dependent therefrom, be withdrawn.

Additionally, Wallenius does not show or suggest applicant's invention of claim 3 of receiving manual input in the form of a password.

Wollrab does now correct for this deficiency. Wollrab makes no mention of applicant's invention of claim 3 of a user selection and a manually input password - merely a code distributed autonomously without any manual input. Particularly, Wollrab alleges:

> "Calendar … generates new family code or password periodically."
> (Wollrab, col. 3, lines 59-61)

Similarly, Alternman does not correct for the deficiency of Wallenius and Wollrab. Alterman merely alleges establishing communication for a group call and is far removed from the Wollrab and Wallenius devices.

Accordingly, neither Wallenius, Wollrab, nor Alterman, used either alone or in combination, show or

suggest applicant's invention of claim 3 of a second manual input in the form of a password utilized to identify the user of the first wireless device – let alone determining whether to allow access based on the identification.

In light of the foregoing, applicant respectfully requests that the Examiner's rejection of claim 3, and any claim dependent therefrom, is patentable.

Claims 5

As shown above, claim 3 is patentable. Claim 5 includes patentable features similar to patentable features of claim 3. Accordingly, applicant respectfully submits that claim 5 is patentable.

For example, neither Wallenius, Wollrab, nor Alterman, used either alone or in combnation, show or suggest applicant's invention of claim 5 of displaying on a wireless device a first and second name, accepting a selection of the first name, and determining whether to transmit location information that includes performing an identification process based on manual input.

In light of the foregoing, applicant respectfully requests that the Examiner's rejections of claim 5, and any claims dependent therefrom, be withdrawn.

Claims 7

As shown above, claim 3 is patentable. Claim 7 includes patentable features similar to patentable features of claim 3. Accordingly, applicant respectfully submits that claim 7 is patentable.

For example, neither Wallenius, Wollrab, nor Alterman, used either alone or in combnation, show or suggest applicant's invention of claim 7 of accepting on

a first wireless device a manual selection representative of a second wireless device from a list representative of a plurality of wireless devices, locating the second wireless device, and determining on a server whether said second wireless device has provided permission for said first wireless device to locate said second wireless device.

In light of the foregoing, applicant respectfully requests that the Examiner's rejections of claim 7, and any claims dependent therefrom, be withdrawn.

The Dependent Claims

Claims 9-11, 13-16, and 21-22 were rejected under 35 U.S.C. 103(a) as being unpatentable over Wallenius, in view of Wollrab and Alterman, and further in view of Nowlin.

As shown above, claims 3, 5, and 7 are patentable. Claims 9-11, 13-16, and 21-22 depend fro mone of claims 3, 5, and 7. Accordingly, 9-11, 13-16, and 21-22 are patentable for depending from a patentable base claim.

Rejections in view of Official Notice

It appears as if the Examiner may have rejected claims in view of Official Notice. Any rejection that does not show each and every element of a claim in one or more references is an inadequate rejection. For rejections under 35 U.S.C. § 103(a), the Examiner has the burden of showing each and every element of applicant's invention in the prior art combination. If the Examiner is taking Official Notice, MPEP § 2144.03 requires that the facts of which notice are being taken be capable of instant and unquestionable demonstration as being well

known in the art. *See In re Ahlert*, 424 F.2d 1088, 1091, 165 USPQ 418, 420 (CCPA 1970). Applicant believes that the "facts" of which the Examiner may have taken Official Notice do not meet that standard, and invoke his right under MPEP § 2144.03 to have the Examiner provide documentary proof that those facts are actually well known. The Examiner "cannot simply reach conclusions based on its own understanding or experience – or on its assessment of what would be basic knowledge or common sense. Rather, ... [the Examiner] ... must point to some concrete evidence in the record in support of these findings." *In re Zurko*, 258 F.3d at 1385, 59 USPQ2d at 1697 (Fed. Cir. 2001). If the Examiner is relying on personal knowledge to support the finding of what is known in the art, the examiner must provide an affadavit or declaration setting forth factual statements and explanation to such a finding. *See* MPEP 2144.03(c). Applicant reserves the right at any time to Petition for Patent Term Adjustment or Extension in light of the delay. The Examiner cannot make rejections using a reference or combination of references where the references do not show each and every element of a particular claim. Applicant respectfully requests that the Examiner withdraw any rejections that do not show the inclusion of each and every element of a particular claim in a reference or a combination of references.

Conclusion

Applicant respectfully submits that this application, including the pending claims, is in condition for allowance.

Reconsideration and prompt allowance of this application are respectfully requested.

The Director is hereby authorized to charge and fees due in conjunction with this filing, or to credit any overpayment of the same, to Deposit Account No. 50-3855.

Respectfully Submitted,

/Jeffrey D. Mullen/
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Electronic Patent Application Fee Transmittal

Application Number:	11462201
Filing Date:	03-Aug-2006
Title of Invention:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
First Named Inventor/Applicant Name:	Jeffrey D. Mullen
Filer:	Jeffrey David Mullen
Attorney Docket Number:	JDM/002 CON3

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Extension - 3 months with $0 paid	2253	1	555	555

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
			Total in USD ($)	**555**

Electronic Acknowledgement Receipt	
EFS ID:	9138917
Application Number:	11462201
International Application Number:	
Confirmation Number:	4907
Title of Invention:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
First Named Inventor/Applicant Name:	Jeffrey D. Mullen
Customer Number:	32733
Filer:	Jeffrey David Mullen
Filer Authorized By:	
Attorney Docket Number:	JDM/002 CON3
Receipt Date:	30-DEC-2010
Filing Date:	03-AUG-2006
Time Stamp:	11:25:59
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	$555
RAM confirmation Number	7087
Deposit Account	503855
Authorized User	MULLEN,JEFFREY D.
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 (National application filing, search, and examination fees) Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)	

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		JDM-002CON3--Reply.pdf	34227 2c7b18a94fb83d0bbe7a6a298aebb6c9fafa0ce2	yes	14

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Amendment/Req. Reconsideration-After Non-Final Reject	1	1
	Claims	2	7
	Applicant Arguments/Remarks Made in an Amendment	8	14

Warnings:

Information:

2	Fee Worksheet (PTO-875)	fee-info.pdf	30179 5bccc5e32c5f75bf8d4cca1682931265d458b7bc	no	2

Warnings:

Information:

Total Files Size (in bytes):	64406

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.

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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.

<u>National Stage of an International Application under 35 U.S.C. 371</u>
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.

<u>New International Application Filed with the USPTO as a Receiving Office</u>
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.

PTO/SB/06 (07-06)
Approved for use through 1/31/2007. OMB 0651-0032
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PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number	Filing Date	☐ To be Mailed
11/462,201	08/03/2006	

APPLICATION AS FILED – PART I

	(Column 1)	(Column 2)	SMALL ENTITY ☒		OR	OTHER THAN SMALL ENTITY	
FOR	NUMBER FILED	NUMBER EXTRA	RATE ($)	FEE ($)		RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =		OR	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =			X $ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $250 ($125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			TOTAL	

APPLICATION AS AMENDED – PART II

AMENDMENT 12/30/2010	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE ($)	ADDITIONAL FEE ($)	OR	OTHER THAN SMALL ENTITY RATE ($)	ADDITIONAL FEE ($)
Total (37 CFR 1.16(i))	* 20	Minus	** 20	= 0	X $26 =	0	OR	X $ =	
Independent (37 CFR 1.16(h))	* 3	Minus	***3	= 0	X $110 =	0	OR	X $ =	
☐ Application Size Fee (37 CFR 1.16(s))									
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
					TOTAL ADD'L FEE	0	OR	TOTAL ADD'L FEE	

AMENDMENT	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)	OR	RATE ($)	ADDITIONAL FEE ($)
Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =		OR	X $ =	
Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =		OR	X $ =	
☐ Application Size Fee (37 CFR 1.16(s))									
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Legal Instrument Examiner:
/AJAY R. DAVID/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/462,201	08/03/2006	Jeffrey D. Mullen	JDM/002 CON3	4907

32733 7590 02/15/2011

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EXAMINER	
WANG-HURST, KATHY W	

ART UNIT	PAPER NUMBER
2617	

MAIL DATE	DELIVERY MODE
02/15/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	11/462,201	MULLEN, JEFFREY D.	
	Examiner	Art Unit	
	KATHY WANG-HURST	2617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *07 January 2011*.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *3-22* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *3-22* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Response to Arguments

1. Applicant's arguments filed 1/7/2011 have been fully considered but they are not persuasive.

Regarding the applicant's argument that the prior art of record does not teach displaying a plurality of users on a wireless device and receiving a manual input to select one of the plurality of users (see page 9), the examiner respectfully disagrees. Wallenius discloses requesting for location information of a specific subscriber from the requester's mobile device (see col. 6 lines 4-11). Wallenius discloses the mobile device has a display and keys for user input (see col. 6 line 45 and col. 8 lines 18-24). When the requester requests location information of another subscriber from his mobile device, the requester must first choose the subscriber before he makes the request to the subscriber, even though Wallenius does not literally use those words to describe selecting a subscriber from a plurality of subscribers on a display. Per applicant's previous request, instead of using Office Notice, the examiner brings Alterman to show the fact that mobile devices have a display that can display a plurality of subscribers and a user can scroll through the plurality of subscribers for selection (see col. 5 lines 23-32). Alterman does not teach away from Wallenius or Wollrab because Alterman is merely brought to show a common feature on a mobile device which displaying a list of subscribers for a user to select. For additional support, Wollrab shows a user address book on the mobile device the user can navigate through and select one of them (col. 6 lines 12-27). Therefore it is clear that the prior art of record indeed teaches displaying a

plurality of users on a wireless device and receiving a manual input to select one of the plurality of users.

Regarding the applicant's argument that the prior art does not teach a manual input of a password (page 10), the examiner respectfully disagrees. Wallenius discloses that in order to recognize if the requesting sides are authorized a code or the like is included in the request from the requesting sides (col. 6 lines 57-65). Specifically Wallenius discusses receiving identification or code from a requesting side (col. 9 lines 10-11). The pass code is sent from the requesting side for authorization and the code may be inputted manually by the requesting side. For the sake of argument, even if the code is sent automatically instead of manually, it has been held that broadly providing an automatic means to replace manual activity which has accomplished the same result involves only routine skill in the art. *In re Venner*, 120 USPQ 192.

Regarding the applicant's comment on Official Notice, the examiner has already provided Alterman as documentary proof that the facts are actually well known in the art.

Concerning the applicants arguments regarding combination of references, all of the references are from the same field, i.e. communication systems and concern analogous topics such as using a mobile device to request location information and track subscriber activities. Therefore, the examiner contends that the references would be combinable to one skilled in the art.

Therefore, the argued limitations read upon the cited references or are written broad such that they read upon the cited references, as follow.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

3. Claims 3-8, 12, 17-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wallenius et al. (US 7269428) in view of Wollrab (US 6920328), further in view of Alterman et al. (US 6882856).

Regarding claim 3, Wallenius discloses a method comprising:

displaying on a first wireless telephonic device a user, wherein said user is associated to a different wireless telephonic device (col. 2 lines 37-55, a requesting side and a target subscriber are associated with a wireless radio device where the requesting side request location information of the target subscriber and the requesting must be performed via requesting side's wireless device interface such as a display; col. 8 lines 17-45, displaying information on the display);

receiving a first manual input in the form of a selection of the user (see Abstract, col.2 lines 37-55, receiving a request from a requesting side requesting specific information of a subscriber);

receiving a second manual input in the form of a password (i.e. see col. 6 lines 57-65, col. 7 lines 24-35, col. 9 lines 4-11, receiving a code entered by the requesting side therefore a password);

determining whether to allow access of location information for said one of said plurality of wireless telephonic devices associated to said selected one of said plurality of users (at least see Abstract, col. 7 lines 44-55, col. 8 lines 31-45, col. 9 lines 28-47), wherein said determination includes identifying said user of said first wireless telephonic device using said password (col. 6 lines 57-65, col. 7 lines 24-35, col. 7 lines 44-55, col. 8 lines 31-45, col. 9 lines 4-11, decision is based on the code entered);

transmitting said location information from a server to said first wireless telephonic device (Abstract, col. 7 lines 44-55, col. 8 lines 31-45, col. 9 lines 28-47); and

displaying said location information on said first wireless device (col. 8 lines 17-45, displaying information on the display).

Wallenius discloses selecting a subscriber for location information from a mobile unit but does not explicitly disclose displaying on a first wireless telephonic device a plurality of users, wherein each one of said plurality of users is associated to a different one of a plurality of wireless telephonic devices.

In analogous art, Wollrab teaches displaying on a wireless telephonic device a plurality of users, wherein each one of said plurality of users is associated to a different one of a plurality of wireless telephonic devices (see e.g. col. 2 lines 15-36, col. 6 lines 12-28, col. 6 lines 56-67).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to modify the invention of Wallenius, to display an address book which stores all contact information and retrieve contact information from the address book in order to find the contact's location, as taught by Wollrab, thus

allowing a more efficient way of locating personal contact information (col. 6 lines 12-28).

Although Wallenius discusses the step of selecting a user subscriber for his/her location information and Wollrab discusses selecting family members to track location and coordinate activities, Wallenius in view of Wollrab does not specifically or explicitly show the step of selecting a user from a plurality of users in a form of a manual input.

Instead of taking an Official Notice, per applicant's request to show actual references (see page 10 of applicant's remarks/arguments), the examiner brings Alterman to show such feature is well known in the art (see col. 5 lines 23-32 where Alterman discusses a user scrolls through a contact list and selects people from the list the user desires to establish communications with).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to modify the invention of Wallenius in view of Wollrab, to select an individual from a list of individuals on a screen of a mobile device, as taught by Alterman, thus allowing setting up a targeted dynamic group call (see col. 5 lines 23-32).

Regarding claim 5, Wallenius discloses a method comprising:

displaying on a first wireless telephonic device a user, wherein said user is associated to a different wireless telephonic device (col. 2 lines 37-55, a requesting side and a target subscriber are associated with a wireless radio device where the requesting side request location information of the target subscriber and the requesting

must be performed via requesting side's wireless device interface such as a display; col. 8 lines 17-45, displaying information on the display);

accepting a selection of said first name on said wireless device (see Abstract, col.2 lines 37-55, receiving a request from a requesting side requesting specific information of a subscriber, and therefore the requesting side must select a specific target for location information);

receiving manual input in the form of a password (i.e. see col. 6 lines 57-65, col. 7 lines 24-35, col. 9 lines 4-11, receiving a code entered by the requesting side therefore a password);

determining whether to transmit location information associated to said first wireless telephonic device from a server to said wireless device, wherein said determining includes performing an identification process based on said manual input and said server is located remotely from said wireless device, said first wireless telephonic device, and said second wireless telephonic device (col. 6 lines 57-65, col. 7 lines 24-35, col. 7 lines 44-55, col. 8 lines 31-45, col. 9 lines 4-11, decision is based on the identification or code entered);

transmitting said location information from a server to said first wireless telephonic device (Abstract, col. 7 lines 44-55, col. 8 lines 31-45, col. 9 lines 28-47); and

displaying said location information on said first wireless device (col. 8 lines 17-45, displaying information on the display).

Wallenius discloses selecting a subscriber for location information from a mobile unit but does not explicitly disclose displaying on a first wireless telephonic device a

plurality of users, wherein each one of said plurality of users is associated to a different one of a plurality of wireless telephonic devices.

In analogous art, Wollrab teaches displaying on a wireless telephonic device a plurality of users, wherein each one of said plurality of users is associated to a different one of a plurality of wireless telephonic devices (see e.g. col. 2 lines 15-36, col. 6 lines 12-28, col. 6 lines 56-67).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to modify the invention of Wallenius, to display an address book which stores all contact information and retrieve contact information from the address book in order to find the contact's location, as taught by Wollrab, thus allowing a more efficient way of locating personal contact information (col. 6 lines 12-28).

Although Wallenius discusses the step of selecting a user subscriber for his/her location information and Wollrab discusses selecting family members to track location and coordinate activities, Wallenius in view of Wollrab does not specifically or explicitly show the step of selecting a user from a plurality of users in a form of a manual input.

Instead of taking an Official Notice, per applicant's request to show actual references (see page 10 of applicant's remarks/arguments), the examiner brings Alterman to show such feature is well known in the art (see col. 5 lines 23-32 where Alterman discusses a user scrolls through a contact list and selects people from the list the user desires to have a conversation with).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to modify the invention of Wallenius in view of Wollrab, to select an individual from a list of individuals on a screen of a mobile device, as taught by Alterman, thus allowing setting up a targeted dynamic group call (see col. 5 lines 23-32).

Regarding claim 7, Wallenius discloses a method comprising:

accepting on a first wireless device a manual selection representative of a second wireless device (i.e. see col.2 lines 37-55, col. 6 lines 57-65, col. 7 lines 24-35, col. 9 lines 4-11, requesting a subscriber information and entering a code, therefore the receiving side must be accepting the input request);

locating said second wireless device (col. 8 lines 31-45);

determining on a server whether said second wireless device has provided permission for said first wireless device to locate said second wireless device(at least see Fig. 7, col. 8 lines 5-45);

providing location information to said first wireless device based on said determination (Abstract, col. 7 lines 44-55, col. 8 lines 31-45, col. 9 lines 28-47); and

receiving location information on said first wireless device (Abstract, col. 7 lines 44-55, col. 8 lines 31-45, col. 9 lines 28-47).

Wallenius discloses requesting party receiving location information of a subscriber on the first wireless device but does not explicitly disclose displaying a map with a marker representative of the location of said second wireless device.

In an analogous art, Wollrab teaches displaying a map with a marker representative of the location of said second wireless device (at least see col. 4 lines 40-58 and Fig. 4A).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to modify the invention of Wallenius, to display the requested location information as a map on the wireless unit as taught by Wollrab, thus allowing a better way of presenting requested information through a map with a location indicator (col. 4 lines 40-58).

Although Wallenius discusses the step of selecting a user subscriber for his/her location information and Wollrab discusses selecting family members to track location and coordinate activities, Wallenius in view of Wollrab does not specifically or explicitly show the step of selecting a user from a plurality of users in a form of a manual input.

Instead of taking an Official Notice, per applicant's request to show actual references (see page 10 of applicant's remarks/arguments), the examiner brings Alterman to show such feature is well known in the art (see col. 5 lines 23-32 where Alterman discusses a user scrolls through a contact list and selects people from the list the user desires to have a conversation with).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to modify the invention of Wallenius in view of Wollrab, to select an individual from a list of individuals on a screen of a mobile device, as taught by Alterman, thus allowing setting up a targeted dynamic group call (see col. 5 lines 23-32).

Regarding claims 4, 6 and 8, Wallenius discloses the method of claim 3, wherein a positioning system is utilized to provide said location information (col. 7 lines 44-55, col. 8 lines 31-45, col. 9 lines 28-47).

Regarding claims 12, 17 and 18, the combination of Wallenius, Wollrab and Alterman discloses receiving a third manual input, wherein said first wireless telephonic device assigned location access rights to said one of said plurality of wireless telephonic devices associated with said selected one of said plurality of users for obtaining a location of said first wireless telephonic device and said third manual input modifies said location access rights (see e.g. Wollrab: col. 3 lines 35-67, changing membership).

Regarding claims 19-20, Wallenius discloses the method of claim 7, further comprising receiving a password on said first wireless device, wherein said password is utilized in said determination (col. 7 lines 25-34, col. 9 lines 4-11, using sending a code for identification purposes).

4. Claims 9-11, 13-16, and 21-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wallenius, in view of Wollrab and Alterman, and further in view of Nowlin (US 2003/0144009).

Regarding claim 13, Wallenius in view of Wollrab discloses providing location information using GPS but does not specifically disclose that a triangulation process is utilized to provide said location information. Nowlin discusses triangulation for establishing location (Nowlin [0035] triangulation).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to modify the invention of Wallenius and Wollrab, to

incorporate triangulation as a means to determine location, as taught by Nowlin, thus allowing alternative way of determining location of a remote device ([0035]).

Regarding claims 9-11, 14-16, and 21-22, the combination of Wallenius, Wollrab, Alterman and Nowlin discloses the wireless telephonic device having a display that may display various functions such as user selection from a list of contacts (see e.g. Wollrab: col. 2 lines 15-36, col. 6 lines 12-28, col. 6 lines 56-67), data determination during location calculation(Nowlin: [0033]), location information display after location is determined (Wollrab: col. 4 lines 40-60) and direction obtainment if user wants to reach the determined location (Wollrab: col. 5 lines 22-43).

Conclusion

5. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to KATHY WANG-HURST whose telephone number is

(571) 270-5371. The examiner can normally be reached on Monday-Thursday, 7:30am-5pm, alternate Fridays, EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nick Corsaro can be reached on (571) 272-7876. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/KATHY WANG-HURST/
Examiner, Art Unit 2617

/KAMRAN AFSHAR/
Primary Examiner, Art Unit 2617

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11462201	MULLEN, JEFFREY D.
	Examiner	Art Unit
	KATHY WANG-HURST	2617

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
Final	Original	02/09/2009	11/17/2009	06/23/2010	02/09/2011					
	1	-	-	-	-					
	2	-	-	-	-					
	3	✓	✓	✓	✓					
	4	✓	✓	✓	✓					
	5	✓	✓	✓	✓					
	6	✓	✓	✓	✓					
	7	✓	✓	✓	✓					
	8	✓	✓	✓	✓					
	9		✓	✓	✓					
	10		✓	✓	✓					
	11		✓	✓	✓					
	12		✓	✓	✓					
	13		✓	✓	✓					
	14		✓	✓	✓					
	15		✓	✓	✓					
	16		✓	✓	✓					
	17		✓	✓	✓					
	18		✓	✓	✓					
	19		✓	✓	✓					
	20		✓	✓	✓					
	21		✓	✓	✓					
	22		✓	✓	✓					

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11462201	MULLEN, JEFFREY D.
	Examiner	Art Unit
	KATHY WANG-HURST	2617

SEARCHED

Class	Subclass	Date	Examiner
455	456.1-457	2/9/2009	kwh
455	567	11/17/2009	kwh

SEARCH NOTES

Search Notes	Date	Examiner
class/subclass search on EAST	2/9/2009	kwh
inventor/assignee search on PALM	2/9/2009	kwh
key word/concept search on EAST	2/9/2009	kwh
updated search on EAST	11/17/2009	kwh
updated EAST search	6/23/2010	kwh
consulted primary examiner Huy Phan	6/23/2010	kwh
updated EAST search	2/9/2011	kwh
consulted Primary Examiner Kamran Afshar	2/9/2011	kwh

INTERFERENCE SEARCH

Class	Subclass	Date	Examiner

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"11462201"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:39
S2	0	45/456.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:41
S3	4015	455/456.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:41
S4	6131	455/456.1-457.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:50
S5	1728	S4 and (access right$1) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:51
S6	62	S4 and (access same right $1) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:51
S7	5	S4 and (giv$4 same access same right$1) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:52
S8	24	S4 and (access near right $1) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:52
S9	2	(4654879|5043736).pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 16:18
S10	11	(4654879|5043736|5086390|5097416|5197092|5305201|5327144|5337334|5341410|5384824|5388147).pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 16:20
S11	128	S4 and (display near users) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:36
S12	1	S4 and (display near contacts) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:38
S13	93	S4 and (contact near (list information database)) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:39

S14	14	S4 and (display same contact near (list information database)) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:39
S15	514	S4 and (address and map) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:45
S16	372	S4 and (address and map and display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:46
S17	109	S4 and ((address and map) same display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:46
S18	94	S4 and (select near (contact subscriber user) same display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:48
S19	7	S4 and (select near (contact subscriber) same display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:51
S20	41	S4 and (address near book) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:53
S21	23	S4 and (address near book) and map and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:53
S22	20	S4 and (address near book) and map and display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:55
S23	1	"5287541".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 18:22
S24	6908	455/456.1-457.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:10
S25	832	S24 and (determin$4 acquir $4 locat$4) same (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:10
S26	151	S24 and (determin$4 acquir $4 locat$4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:11
S27	151	S24 and (determin$4 acquir $4 locat$4 synchroniz$4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:12

S28	3221	455/566.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:14
S29	25	S24 and (determin$4 acquir $4 synchroniz$4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:15
S30	42	(S28 S24) and (determining acquiring synchronizing wait $4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:22
S31	1	(S28 S24) and (during while) near (determining acquiring synchronizing wait $4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:26
S32	12	(S28 S24) and (during while) near4 (determin$4 acquiring synchronizing wait $4) near4 (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:27
S33	2941	(data location) near (acqui $5 obtain$4) near4 (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:29
S34	840	(data location) near (acqui $5 obtain$4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:30
S35	254	(data location) near (acqui $5) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:30
S36	7590	455/456.1-457.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:35
S37	421	S36 and select$4 near4 (list multiple plurality) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:35
S38	127	S36 and select$4 near4 (list multiple plurality) near8 (user input) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:36
S39	32	S36 and select$4 near4 (list multiple plurality) near8 (user input) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:36

S40	26	S36 and select$4 near4 (list multiple plurality) near4 (user contact) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:38
S41	1	S36 and select$4 near4 (contact person friend) near4 (list multiple plurality) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:40
S42	1	S36 and select$4 near4 (contact person friend people) near4 (list address multiple plurality) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:40
S43	1	S36 and (choos$4 select$4) near4 (contact person friend people) near4 (list address multiple plurality) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:41
S44	37	S36 and (choos$4 select$4) near4 (contact person friend people subscriber user) near4 (list address multiple plurality) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:42
S45	2	S36 and (choos$4 select$4) near4 (contact person friend people subscriber) near4 (list address multiple plurality) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:42
S46	304	"455"/$.ccls. and (choos$4 select$4) near4 (contact person friend people subscriber user) near4 (list address multiple plurality) same display and location and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:51
S47	56	"455"/$.ccls. and (choos$4 select$4) near4 (contact person friend people subscriber user) near4 (list address multiple plurality) same display same location and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:52
S48	1	"5950137".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:55

S49	96	((JEFFREY) near2 (MULLEN)).INV.	US-PGPUB; USPAT	OR	ON	2010/06/23 17:54
S50	1	S49 and (determin$4 same allow$4 same access same location same information same display$4).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 17:55

2/9/2011 4:59:54 PM
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PTO/SB/30EFS (10-08)
Approved for use through 11/30/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL
(Submitted Only via EFS-Web)

Application Number	11462201	Filing Date	2006-08-03	Docket Number (if applicable)	JDM/002 CON3	Art Unit	2617
First Named Inventor	Jeffrey D. Mullen			Examiner Name	Kathy W Wang-Hurst		

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV

SUBMISSION REQUIRED UNDER 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

- ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____
- ☐ Other _____

☒ Enclosed

- ☒ Amendment/Reply
- ☐ Information Disclosure Statement (IDS)
- ☐ Affidavit(s)/ Declaration(s)
- ☐ Other _____

MISCELLANEOUS

☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months _____
(Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

☐ Other _____

FEES

☒ **The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.**
The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No 503855

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

☐ Patent Practitioner Signature

☒ Applicant Signature

PTO/SB/30EFS (10-08)
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Applicant Signature			
Applicant 1		Remove	
Signature	/Jeffrey D. Mullen/	Date (YYYY-MM-DD)	2011-08-15
Name	Jeffrey D. Mullen		
Click ADD for additional Applicant Signature		Add	

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Jeffrey D. Mullen
Application No.	:	11/462,201
Confirmation No.	:	4907
Filed	:	August 3, 2006
For	:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
Group Art Unit	:	2617
Examiner	:	KATHY W WANG-HURST

Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Pittsburgh, PA 15232
August 15, 2011

REPLY TO OFFICE ACTION

Sir:

This is in response to the Office Action dated February 15, 2011. A three-month extension of time and a Request for Continued Examination is applicable hereto and is being submitted herewith. In response to the Office Action, applicant amends the application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 8 of this paper.

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-2. (cancelled).

3. (previously presented) A method comprising:

displaying on a first wireless telephonic device a plurality of users, wherein each one of said plurality of users is associated to a different one of a plurality of wireless telephonic devices;

receiving a first manual input in the form of a selection of one of said plurality of users;

receiving a second manual input in the form of a password;

determining whether to allow access of location information for said one of said plurality of wireless telephonic devices associated to said selected one of said plurality of users, wherein said determination includes identifying said user of said first wireless telephonic device using said password;

transmitting said location information from a server to said first wireless telephonic device; and

displaying said location information on said first wireless device.

4. (previously presented) The method of claim 3, wherein a positioning system is utilized to provide said location information.

5. (previously presented) A method comprising:

displaying on a wireless device a first name associated to a first wireless telephonic device and a second name associated to a second wireless telephonic device;

accepting a selection of said first name on said wireless device;

receiving manual input entered into said wireless device;

determining whether to transmit location information associated to said first wireless telephonic device from a server to said wireless device, wherein said determining includes performing an identification process based on said manual input and said server is located remotely from said wireless device, said first wireless telephonic device, and said second wireless telephonic device;

transmitting said location information to said wireless device based on said determination; and

displaying said location information on said wireless device.

6. (previously presented) The method of claim 5, wherein a positioning system is utilized to provide said location information.

7. (previously presented) A method comprising:

accepting on a first wireless device a manual selection representative of a second wireless device from a list representative of a plurality of wireless devices;

locating said second wireless device;

determining on a server whether said second wireless device has provided permission for said first wireless device to locate said second wireless device;

providing location information to said first wireless device based on said determination; and

displaying a map on said first wireless device with a marker representative of the location of said second wireless device.

8. (previously presented) The method of claim 7, wherein a positioning system is utilized to provide said location information.

9. (previously presented) The method of claim 3, wherein said selection occurs on a first display screen and a second display screen is provided on said first wireless telephonic device during said determination.

10. (previously presented) The method of claim 3, wherein said selection occurs on a first display screen, a second display screen is provided on said first wireless telephonic device during said determination, and a third display screen is provided on said first wireless device after said location information is transmitted to said first wireless telephonic device.

11. (previously presented) The method of claim 3, wherein said selection occurs on a first display screen, a second display screen is provided on said first wireless telephonic device during said determination, a third display screen is provided on said first wireless device after said location information is transmitted to said first wireless telephonic device, and a fourth display screen is provided that includes an option to obtain directions from said first wireless telephonic device to said one of said plurality of wireless

telephonic devices associated to said selected one of said plurality of users.

12. (previously presented) The method of claim 3, further comprising receiving a third manual input, wherein said first wireless telephonic device assigned location access rights to said one of said plurality of wireless telephonic devices associated with said selected one of said plurality of users for obtaining a location of said first wireless telephonic device and said third manual input modifies said location access rights.

13. (previously presented) The method of claim 3, wherein a triangulation process is utilized to provide said location information.

14. (previously presented) The method of claim 5, wherein said selection occurs on a first display screen and a second display screen is provided on said wireless device during said determination.

15. (previously presented) The method of claim 5, wherein said selection occurs on a first display screen, a second display screen is provided on said wireless device during said determination, and a third display screen is provided on said wireless device after said location information is transmitted to said wireless device.

16. (previously presented) The method of claim 5, wherein said selection occurs on a first display screen, a second display screen is provided on said wireless device during said determination, a third display screen is provided on said wireless device after

said location information is transmitted to said wireless device, and a fourth display screen is provided that includes an option to obtain directions from said wireless telephonic device to said first wireless telephonic device.

17. (previously presented) The method of claim 5, further comprising receiving a third manual input, wherein said wireless device assigned location access rights to said first wireless telephonic device for obtaining a location of said wireless device and said third manual input modifies said location access rights.

18. (previously presented) The method of claim 5, further comprising receiving a third manual input, wherein said wireless device assigned location access rights to said first wireless telephonic device for obtaining a location of said wireless device, said third manual input modifies said location access rights, and determining a travel time between said wireless device and said first wireless telephonic device.

19. (previously presented) The method of claim 7, further comprising receiving a password on said first wireless device, wherein said password is utilized in said determination.

20. (previously presented) The method of claim 7, further comprising receiving a password and a login on said first wireless device, wherein said password is utilized in said determination.

21. (previously presented) The method of claim 7, wherein said manual selection occurs on a first

display screen and a second display screen is provided on said first wireless device during said determination.

22. (previously presented) The method of claim 7, wherein said manual selection occurs on a first display screen, a second display screen is provided on said first wireless device during said determination, and a third display screen is provided on said first wireless device after said location information is transmitted to said first wireless device.

REMARKS/ARGUMENTS

Summary of Office Action

Claims 3-8 are pending.

Claims 3-8, 12, and 17-20 were rejected under 35 U.S.C. 103(a) as being unpatentable over Wallenius et al U.S. Patent N. 7,269,438 (hereinafter "Wallenius") in view of Wollrab U.S. Patent No. 6,920,328 (hereinafter "Wollrab") and further in view of Alterman U.S. Patent No. 6,882,856 (hereinafter "Alterman").

Claims 9-11, 13-16, and 21-22 were rejected under 35 U.S.C. 103(a) as being unpatentable over Wallenius, in view of Wollrab, in view of Alterman, and further in view of Nowlin U.S. Patent Application Publication No. 2003/144009 (hereinafter "Nowlin").

Summary of Applicant's Amendments

Applicant respectfully traverses the Examiner's rejections. Applicant reserves the right to file any number of continuation or divisional claims directed to any of the subject matter contained in applicant's specification.

Applicant's Reply to the 103(a) Rejections

Claims 3-8, 12, and 17-20 were rejected under 35 U.S.C. 103(a) as being unpatentable over Wallenius in view of Wollrab and further in view of Alterman.

Claim 3

Wallenius does not show or suggest displaying a plurality of users on a wireless device - let alone a manual input of a selection of one of a plurality of users and determining whether to allow access of location

information for the device associated to the selected user.

Wallenius merely "sends a request for specific information of a subscriber" (Wallenius, abstract and col. 2, lines 40-41). Wallenius discusses "a short message (SMS)," (Wallenius, col. 4, lines 1-7).

Accordingly, Wallenius is silent on applicant's invention of claim 3 of displaying a plurality of users on a wireless device – let alone a manual input in the form of a selection of one of the plurality of users and determining whether to allow access of location information for the device associated to the selected user.

Wollrab does not correct for this deficiency. Wollrab merely alleges storing information and periodically updating this stored information – no selection is involved. Accordingly, Wollrab also does not show or suggest displaying a plurality of users and a manual input in the form of a selection of one of the plurality of users and determining whether to allow access of location information for the device associated to the selected user in accordance with applicant's invention of claim 3.

Similarly, Alterman does not correct for the deficiency of Wallenius and Wollrab.

Particularly, the Examiner stated that:

> "Alterman … show … the fact that mobile devices have a display and can display a plurality of subscribers and a user can scroll through the plurality of subscribers for selection (Office Action, page 2)."

The Examiner's argument, however, is irrelevant. Alterman alleges setting up a talk group. *See* Alterman, FIG. 3. Setting up a talk group is not applicant's invention of claim 3 of determining whether

to allow access of location information for the device associated to the selected user. Alterman's mere inclusion of a radio feature menu does nothing other than allege a radio feature menu.

In fact, Alterman teaches directly away from Wollrab and Wallenius. Alterman is a precision radio system that merely alleges setting up a talk group. Alterman is far removed from Wollrab and Wallenius does not even include any discussion of utilizing a user's location. Similarly, Wollrab and Wallenius are precision systems. For example, Wallenius alleges SMS messages. The Examiner cannot, in hindsight, merely pick and choose unrelated elements of unrelated systems in order to create a new, inoperable device. In doing so, the Examiner merely eviscerates the spirit of the individual devices.

In light of the foregoing, applicant respectfully submits that neither Wallenius, Wollrab, nor Alterman, used either alone or in combination, show or suggest applicant's invention of claim 3 of a manual input of a selection of one of a plurality of users and determining whether to allow access of location information for the device associated to the selected user. Accordingly, applicant respectfully requests that the Examiner's rejection of claim 3, and any claim dependent therefrom, be withdrawn.

Moreover, Wallenius does not show or suggest applicant's invention of claim 3 of receiving manual input in the form of a password.

Wollrab does not correct for this deficiency. Wollrab makes no mention of applicant's invention of claim 3 of a user selection and a manually input password – merely a code distributed autonomously without any manual input. Particularly, Wollrab alleges:

> "Calendar … generates new family code or password periodically."
> (Wollrab, col. 3, lines 59-61)

Similarly, Alternman does not correct for the deficiency of Wallenius and Wollrab. Alterman merely alleges establishing communication for a group call and is far removed from the Wollrab and Wallenius devices.

Accordingly, neither Wallenius, Wollrab, nor Alterman, used either alone or in combination, show or suggest applicant's invention of claim 3 of a second manual input in the form of a password utilized to identify the user of the first wireless device – let alone determining whether to allow access based on the identification.

In light of the foregoing, applicant respectfully requests that the Examiner's rejection of claim 3, and any claim dependent therefrom, is patentable.

Claims 5

As shown above, claim 3 is patentable. Claim 5 includes patentable features similar to patentable features of claim 3. Accordingly, applicant respectfully submits that claim 5 is patentable.

For example, neither Wallenius, Wollrab, nor Alterman, used either alone or in combination, show or suggest applicant's invention of claim 5 of displaying on a wireless device a first and second name, accepting a selection of the first name, and determining whether to transmit location information that includes performing an identification process based on manual input.

In light of the foregoing, applicant respectfully requests that the Examiner's rejections of claim 5, and any claims dependent therefrom, be withdrawn.

Claims 7

As shown above, claim 3 is patentable. Claim 7 includes patentable features similar to patentable features of claim 3. Accordingly, applicant respectfully submits that claim 7 is patentable.

For example, neither Wallenius, Wollrab, nor Alterman, used either alone or in combination, show or suggest applicant's invention of claim 7 of accepting on a first wireless device a manual selection representative of a second wireless device from a list representative of a plurality of wireless devices, locating the second wireless device, and determining on a server whether said second wireless device has provided permission for said first wireless device to locate said second wireless device.

In light of the foregoing, applicant respectfully requests that the Examiner's rejections of claim 7, and any claims dependent therefrom, be withdrawn.

The Dependent Claims

Claims 9-11, 13-16, and 21-22 were rejected under 35 U.S.C. 103(a) as being unpatentable over Wallenius, in view of Wollrab and Alterman, and further in view of Nowlin.

As shown above, claims 3, 5, and 7 are patentable. Claims 9-11, 13-16, and 21-22 depend fro mone of claims 3, 5, and 7. Accordingly, 9-11, 13-16, and 21-22 are patentable for depending from a patentable base claim.

Rejections in view of Official Notice

It appears as if the Examiner may have rejected claims in view of Official Notice. Any rejection that

does not show each and every element of a claim in one or more references is an inadequate rejection. For rejections under 35 U.S.C. § 103(a), the Examiner has the burden of showing each and every element of applicant's invention in the prior art combination. If the Examiner is taking Official Notice, MPEP § 2144.03 requires that the facts of which notice are being taken be capable of instant and unquestionable demonstration as being well known in the art. *See In re Ahlert*, 424 F.2d 1088, 1091, 165 USPQ 418, 420 (CCPA 1970). Applicant believes that the "facts" of which the Examiner may have taken Official Notice do not meet that standard, and invoke his right under MPEP § 2144.03 to have the Examiner provide documentary proof that those facts are actually well known. The Examiner "cannot simply reach conclusions based on its own understanding or experience – or on its assessment of what would be basic knowledge or common sense. Rather, ... [the Examiner] ... must point to some concrete evidence in the record in support of these findings." *In re Zurko*, 258 F.3d at 1385, 59 USPQ2d at 1697 (Fed. Cir. 2001). If the Examiner is relying on personal knowledge to support the finding of what is known in the art, the examiner must provide an affadavit or declaration setting forth factual statements and explanation to such a finding. *See* MPEP 2144.03(c). Applicant reserves the right at any time to Petition for Patent Term Adjustment or Extension in light of the delay. The Examiner cannot make rejections using a reference or combination of references where the references do not show each and every element of a particular claim. Applicant respectfully requests that the Examiner withdraw any rejections that do not show the inclusion of each and every element of a particular claim in a reference or a combination of references.

Conclusion

Applicant respectfully submits that this application, including the pending claims, is in condition for allowance.

Reconsideration and prompt allowance of this application are respectfully requested.

The Director is hereby authorized to charge and fees due in conjunction with this filing, or to credit any overpayment of the same, to Deposit Account No. 50-3855.

Respectfully Submitted,

/Jeffrey D. Mullen/
Jeffrey D. Mullen
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Electronic Patent Application Fee Transmittal

Application Number:	11462201
Filing Date:	03-Aug-2006
Title of Invention:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
First Named Inventor/Applicant Name:	Jeffrey D. Mullen
Filer:	Jeffrey David Mullen
Attorney Docket Number:	JDM/002 CON3

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Extension - 3 months with $0 paid	2253	1	555	555

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
Request for continued examination	2801	1	405	405
		Total in USD ($)		**960**

Electronic Acknowledgement Receipt	
EFS ID:	10741754
Application Number:	11462201
International Application Number:	
Confirmation Number:	4907
Title of Invention:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
First Named Inventor/Applicant Name:	Jeffrey D. Mullen
Customer Number:	32733
Filer:	Jeffrey David Mullen
Filer Authorized By:	
Attorney Docket Number:	JDM/002 CON3
Receipt Date:	15-AUG-2011
Filing Date:	03-AUG-2006
Time Stamp:	19:48:28
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	$960
RAM confirmation Number	6807
Deposit Account	503855
Authorized User	MULLEN,JEFFREY D.
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 (National application filing, search, and examination fees) Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)	

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees) Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees) Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for Continued Examination (RCE)	JDM-002CON3--RCE.pdf	697341 eb061502a56f476b28a7644772310e54b11b91be	no	3
Warnings:					
Information:					
2		JDM-002CON3-Reply.pdf	35517 3b0ef92dd68b99c0fe7019ec8e1d5d806145d6e6	yes	14

Multipart Description/PDF files in .zip description

Document Description	Start	End
Amendment Submitted/Entered with Filing of CPA/RCE	1	1
Claims	2	7
Applicant Arguments/Remarks Made in an Amendment	8	14

Warnings:					
Information:					
3	Fee Worksheet (SB06)	fee-info.pdf	32371 00807de4a70461132335d9ec25126596e5be9684	no	2
Warnings:					
Information:					
			Total Files Size (in bytes):	765229	

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.

PTO/SB/06 (07-06)
Approved for use through 1/31/2007. OMB 0651-0032
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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number	Filing Date	☒ To be Mailed
11/462,201	08/03/2006	

APPLICATION AS FILED – PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	SMALL ENTITY ☒ RATE ($)	SMALL ENTITY ☒ FEE ($)	OR	OTHER THAN SMALL ENTITY RATE ($)	OTHER THAN SMALL ENTITY FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =		OR	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =			X $ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $250 ($125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			TOTAL	

APPLICATION AS AMENDED – PART II

AMENDMENT	08/15/2011	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE ($)	SMALL ENTITY ADDITIONAL FEE ($)	OR	OTHER THAN SMALL ENTITY RATE ($)	OTHER THAN SMALL ENTITY ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 20	Minus	** 20	= 0	X $26 =	0	OR	X $ =	
	Independent (37 CFR 1.16(h))	* 3	Minus	***3	= 0	X $110 =	0	OR	X $ =	
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE	0	OR	TOTAL ADD'L FEE	

AMENDMENT		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)	OR	RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =		OR	X $ =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =		OR	X $ =	
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Legal Instrument Examiner:
/KATRINA HARLING/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/462,201	08/03/2006	Jeffrey D. Mullen	JDM/002 CON3	4907

32733 7590 01/10/2013

JEFFREY D. MULLEN
1310 Riverfront Drive
PITTSBURGH, PA 15238

EXAMINER	
WANG-HURST, KATHY W	
ART UNIT	**PAPER NUMBER**
2646	
MAIL DATE	**DELIVERY MODE**
01/10/2013	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	11/462,201	MULLEN, JEFFREY D.	
	Examiner	Art Unit	
	KATHY WANG-HURST	2646	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *15 August 2011*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *3-22* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *3-22* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 8/15/2011 has been entered.

Response to Arguments

2. Applicant's arguments with respect to claims 3-22 have been considered but are moot because the arguments do not apply to any of the references being used in the current rejection.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting

directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

4. Claims 3-22 are rejected under 35 U.S.C. 102(e) as being anticipated by Meadows; Vernon et al. (US 6716101 B1, hereinafter "Meadows") .

Regarding claim 3, Meadows discloses a method comprising:

displaying on a first wireless telephonic device a plurality of users, wherein each one of said plurality of users is associated to a different one of a plurality of wireless telephonic devices (see Meadows, Fig. 4a, displaying a list of individuals to monitor);

receiving a first manual input in the form of a selection of the user (see Meadows, Fig. 4a, "please select individuals to monitor", the user may select 1, 2, 3, 4 or all; col. 5, lines 30-46);

receiving a second manual input in the form of a password (see Meadows, col. 2, lines 19-21, user provides an access code, thus a password);

determining whether to allow access of location information for said one of said plurality of wireless telephonic devices associated to said selected one of said plurality of users (col. 2, lines 17-42), wherein said determination includes identifying said user of said first wireless telephonic device using said password (see Meadows, col. 2, lines 17-42; col. 5, lines 30-46);

transmitting said location information from a server to said first wireless telephonic device (see Meadows, col. 5, lines 47-57); and

displaying said location information on said first wireless device (see Meadows, Fig. 4b and col. 5, lines 47-57, displaying location information).

Regarding claim 5, Meadows discloses a method comprising:

displaying on a wireless device a first name associated to a first wireless telephonic device and a second name associated to a second wireless telephonic device(see Meadows, Fig. 4a, displaying a list of individuals to monitor);

accepting a selection of said first name on said wireless device (see Meadows, Fig. 4a, “please select individuals to monitor”, the user may select 1, 2, 3, 4 or all; col. 5, lines 30-46);

receiving manual input in the form of a password (see Meadows, col. 2, lines 19-21, user provides an access code, thus a password);

determining whether to transmit location information associated to said first wireless telephonic device from a server to said wireless device, wherein said determining includes performing an identification process based on said manual input and said server is located remotely from said wireless device, said first wireless telephonic device, and said second wireless telephonic device (see Meadows, col. 2, lines 17-42; col. 5, lines 30-46);

transmitting said location information from a server to said first wireless telephonic device (see Meadows, col. 5, lines 47-57); and

displaying said location information on said first wireless device (see Meadows, Fig. 4b and col. 5, lines 47-57, displaying location information).

Regarding claim 7, Meadows discloses a method comprising:

accepting on a first wireless device a manual selection representative of a second wireless device from a list representative of a plurality of wireless devices (see Meadows, Fig. 4a, “please select individuals to monitor”, the user may select 1, 2, 3, 4 or all; col. 5, lines 30-46);

locating said second wireless device (see Meadows, col. 2, lines 17-42; col. 5, lines 30-46);

determining on a server whether said second wireless device has provided permission for said first wireless device to locate said second wireless device(see Meadows, col. 2, lines 17-42; col. 5, lines 30-46);

providing location information to said first wireless device based on said determination (see Meadows, col. 2, lines 17-42; col. 5, lines 30-46); and

displaying a map on said first wireless device with a marker representative of the location of said second wireless device (see Meadows, Fig. 4b and col. 5, lines 47-57, displaying location information on a map with markers).

Regarding claims 4, 6 and 8, Wallenius discloses the method of claim 3, wherein a positioning system is utilized to provide said location information (see Meadows, col. 4 lines 55-60, GPS).

Regarding claim 13, Meadows discloses a triangulation process is utilized to provide said location information (see Meadows, col. 4 lines 40-42, triangulation).

Regarding claims 12, 17 and 18, Meadows discloses receiving a third manual input, wherein said first wireless telephonic device assigned location access rights to said one of said plurality of wireless telephonic devices associated with said selected

one of said plurality of users for obtaining a location of said first wireless telephonic device and said third manual input modifies said location access rights (see Meadows, Fig. 4a, “please select individuals to monitor”, thus user may change selection, thus “modify”).

Regarding claims 19-20, Meadows discloses the method of claim 7, further comprising receiving a password on said first wireless device, wherein said password is utilized in said determination (see Meadows, col. 2, lines 19-21, user provides an access code, thus a password).

Regarding claims 9-11, 14-16, and 21-22, Meadows discloses the wireless telephonic device having a display that may display various functions such as user selection from a list of contacts (see Meadows, Fig. 4a, “please select individuals to monitor”, the user may select 1, 2, 3, 4 or all), data determination during location calculation(see Meadows, Fig. 4b), location information display after location is determined (see Meadows, Fig. 4c) and direction obtainment if user wants to reach the determined location (see Meadows, Fig. 5a-5c, col. 6 lines 10-23).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to KATHY WANG-HURST whose telephone number is (571)270-5371. The examiner can normally be reached on Monday-Thursday, 7:30am-5pm, alternate Fridays, EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kamran Afshar can be reached on (571) 272-7796. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/KATHY WANG-HURST/
Primary Examiner, Art Unit 2646

Notice of References Cited	Application/Control No. 11/462,201	Applicant(s)/Patent Under Reexamination MULLEN, JEFFREY D.	
	Examiner KATHY WANG-HURST	Art Unit 2646	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-6,716,101 B1	04-2004	Meadows et al.	455/456.1
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11462201	MULLEN, JEFFREY D.
	Examiner	Art Unit
	KATHY WANG-HURST	2617

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
Final	Original	02/09/2009	11/17/2009	06/23/2010	02/09/2011	01/08/2013				
	1	-	-	-	-	-				
	2	-	-	-	-	-				
	3	✓	✓	✓	✓	✓				
	4	✓	✓	✓	✓	✓				
	5	✓	✓	✓	✓	✓				
	6	✓	✓	✓	✓	✓				
	7	✓	✓	✓	✓	✓				
	8	✓	✓	✓	✓	✓				
	9		✓	✓	✓	✓				
	10		✓	✓	✓	✓				
	11		✓	✓	✓	✓				
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	15		✓	✓	✓	✓				
	16		✓	✓	✓	✓				
	17		✓	✓	✓	✓				
	18		✓	✓	✓	✓				
	19		✓	✓	✓	✓				
	20		✓	✓	✓	✓				
	21		✓	✓	✓	✓				
	22		✓	✓	✓	✓				

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"11462201"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:39
S2	0	45/456.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:41
S3	4015	455/456.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:41
S4	6131	455/456.1-457.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:50
S5	1728	S4 and (access right$1) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:51
S6	62	S4 and (access same right$1) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:51
S7	5	S4 and (giv$4 same access same right$1) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:52
S8	24	S4 and (access near right$1) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:52
S9	2	(4654879|5043736).pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 16:18
S10	11	(4654879|5043736|5086390|5097416|5197092|5305201|5327144|5337334|5341410|5384824|5388147).pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 16:20
S11	128	S4 and (display near users) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:36
S12	1	S4 and (display near contacts) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:38
S13	93	S4 and (contact near (list information database)) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:39
S14	14	S4 and (display same contact near (list information database)) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:39
S15	514	S4 and (address and map) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:45
S16	372	S4 and (address and map and display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:46
S17	109	S4 and ((address and map) same display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:46
S18	94	S4 and (select near (contact subscriber user) same display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:48
S19	7	S4 and (select near (contact subscriber) same display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:51
S20	41	S4 and (address near book) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:53
S21	23	S4 and (address near book) and map and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:53
S22	20	S4 and (address near book) and map and display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:55
S23	1	"5287541".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 18:22

S24	6908	455/456.1-457.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:10
S25	832	S24 and (determin$4 acquir$4 locat$4) same (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:10
S26	151	S24 and (determin$4 acquir$4 locat$4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:11
S27	151	S24 and (determin$4 acquir$4 locat$4 synchroniz$4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:12
S28	3221	455/566.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:14
S29	25	S24 and (determin$4 acquir$4 synchroniz$4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:15
S30	42	(S28 S24) and (determining acquiring synchronizing wait$4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:22
S31	1	(S28 S24) and (during while) near (determining acquiring synchronizing wait$4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:26
S32	12	(S28 S24) and (during while) near4 (determin$4 acquiring synchronizing wait$4) near4 (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:27
S33	2941	(data location) near (acqui$5 obtain$4) near4 (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:29
S34	840	(data location) near (acqui$5 obtain$4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:30
S35	254	(data location) near (acqui$5) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:30
S36	7590	455/456.1-457.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:35
S37	421	S36 and select$4 near4 (list multiple plurality) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:35
S38	127	S36 and select$4 near4 (list multiple plurality) near8 (user input) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:36
S39	32	S36 and select$4 near4 (list multiple plurality) near8 (user input) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:36
S40	26	S36 and select$4 near4 (list multiple plurality) near4 (user contact) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:38
S41	1	S36 and select$4 near4 (contact person friend) near4 (list multiple plurality) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:40
S42	1	S36 and select$4 near4 (contact person friend people) near4 (list address multiple plurality) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:40
S43	1	S36 and (choos$4 select$4) near4 (contact person friend people) near4 (list address multiple plurality) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:41
S44	37	S36 and (choos$4 select$4) near4 (contact person friend people subscriber user) near4 (list address multiple plurality) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:42
S45	2	S36 and (choos$4 select$4) near4 (contact person friend people subscriber) near4 (list address multiple plurality) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:42
S46	304	"455"/$.ccls. and (choos$4 select$4) near4 (contact person friend people subscriber user) near4 (list address multiple plurality) same display and location and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:51
S47	56	"455"/$.ccls. and (choos$4 select$4) near4 (contact person friend people subscriber user) near4 (list address multiple plurality) same display same location and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:52
S48	1	"5950137".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:55
S49	96	((JEFFREY) near2 (MULLEN)).INV.	US-PGPUB; USPAT	OR	ON	2010/06/23 17:54
S50	1	S49 and (determin$4 same allow$4 same access same location same information same display$4).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 17:55

S51	3803	password near9 location	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 14:34
S52	284	"455"/$.ccls. and password near9 location	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 14:34
S53	45	"455"/$.ccls. and password near9 location and @ad<="20020325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 14:35
S54	14	"455"/456.1-457.ccls. and password near9 location and @ad<="20020325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 14:36
S55	14	"455"/456.1-457.ccls. and password near9 location and @ad<"20020325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 14:36
S56	368	(gain$4 obtain$4 permi$6 allow$4 requst$4) near9 (access right$1) near9 (location position) near9 (target$4 monitor$4 third near party) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/01/08 10:08
S57	35	(gain$4 obtain$4 permi$6 allow$4 requst$4) near9 (access right$1) near9 (location position) near9 (target$4 monitor$4 third near party) same (password code PIN pass$1code) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/01/08 10:09
S58	723	(gain$4 obtain$4 permi$6 allow$4 requst$4 access$4) near9 (location position) near9 (target$4 monitor$4 third near party child friend family) same (password code PIN pass$1code) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/01/08 10:11
S59	101	(gain$4 obtain$4 permi$6 allow$4 requst$4 access$4) near9 (location position) near9 (target$4 monitor$4 third near party child friend family) same (password code PIN pass$1code) same (wireless cellular cell mobile phone telephone hand$1held) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/01/08 10:11
S60	56	(gain$4 obtain$4 permi$6 allow$4 requst$4 access$4) near9 (location position) near9 (target$4 monitor$4 third near party child friend family) same (password code PIN pass$1code) same (wireless cellular cell mobile UE) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/01/08 10:12
S61	6	(455/456.1-456.3.ccls.) and (gain$4 obtain$4 permi$6 allow$4 requst$4 access$4) near9 (location position) near9 (target$4 monitor$4 third near party child friend family) same (password code PIN pass$1code) same (wireless cellular cell mobile UE) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/01/08 10:26

EAST Search History (Interference)

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1/8/2013 11:53:58 AM
C:\ Users\ khurst\ Documents\ EAST\ Workspaces\ 11462201.wsp

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11462201	MULLEN, JEFFREY D.
	Examiner	Art Unit
	KATHY WANG-HURST	2617

SEARCHED

Class	Subclass	Date	Examiner
455	456.1-457	2/9/2009	kwh
455	567	11/17/2009	kwh

SEARCH NOTES

Search Notes	Date	Examiner
class/subclass search on EAST	2/9/2009	kwh
inventor/assignee search on PALM	2/9/2009	kwh
key word/concept search on EAST	2/9/2009	kwh
updated search on EAST	11/17/2009	kwh
updated EAST search	6/23/2010	kwh
consulted primary examiner Huy Phan	6/23/2010	kwh
updated EAST search	2/9/2011	kwh
consulted Primary Examiner Kamran Afshar	2/9/2011	kwh
updated search	1/8/2013	kwh

INTERFERENCE SEARCH

Class	Subclass	Date	Examiner

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Jeffrey D. Mullen
Application No.	:	11/462,201
Confirmation No.	:	4907
Filed	:	August 3, 2006
For	:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
Group Art Unit	:	2617
Examiner	:	KATHY W WANG-HURST

Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Pittsburgh, PA 15232
June 10, 2013

REPLY TO OFFICE ACTION

Sir:

This is in response to the Office Action dated January 10, 2013. A two-month extension of time is applicable hereto and is being submitted herewith. In response to the Office Action, applicant amends the application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 8 of this paper.

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-2. (cancelled).

3. (currently amended) A method comprising:

displaying on a first wireless telephonic device a plurality of users, wherein each one of said plurality of users is associated to a different one of a plurality of wireless telephonic devices;

receiving a first manual input in the form of a selection of one of said plurality of users;

receiving an input in the form of a login and a second manual input in the form of a password;

determining whether to allow access of location information for said one of said plurality of wireless telephonic devices associated to said selected one of said plurality of users, wherein said determination includes identifying said user of said first wireless telephonic device using said login and said password;

transmitting said location information from a server to said first wireless telephonic device; and

displaying said location information on said first wireless device.

4. (previously presented) The method of claim 3, wherein a positioning system is utilized to provide said location information.

5. (currently amended) A method comprising:

displaying on a wireless device a first name associated to a first wireless telephonic device and a second name associated to a second wireless telephonic device;

accepting a selection of said first name on said wireless device;

receiving manual input entered into said wireless device that includes a login and a password;

determining whether to transmit location information associated to said first wireless telephonic device from a server to said wireless device, wherein said determining includes performing an identification process based on said manual input and said server is located remotely from said wireless device, said first wireless telephonic device, and said second wireless telephonic device;

transmitting said location information to said wireless device based on said determination; and

displaying said location information on said wireless device.

6. (previously presented) The method of claim 5, wherein a positioning system is utilized to provide said location information.

7. (currently amended) A method comprising:

accepting on a first wireless device a manual selection representative of a second wireless device from a list representative of a plurality of wireless devices;

locating said second wireless device;

determining on a server whether said second wireless device has provided permission for said first wireless device to locate said second wireless device

based on the identification of a login and password received by said first wireless device;

providing location information to said first wireless device based on said determination; and

displaying a map on said first wireless device with a marker representative of the location of said second wireless device.

8. (previously presented) The method of claim 7, wherein a positioning system is utilized to provide said location information.

9. (previously presented) The method of claim 3, wherein said selection occurs on a first display screen and a second display screen is provided on said first wireless telephonic device during said determination.

10. (previously presented) The method of claim 3, wherein said selection occurs on a first display screen, a second display screen is provided on said first wireless telephonic device during said determination, and a third display screen is provided on said first wireless device after said location information is transmitted to said first wireless telephonic device.

11. (previously presented) The method of claim 3, wherein said selection occurs on a first display screen, a second display screen is provided on said first wireless telephonic device during said determination, a third display screen is provided on said first wireless device after said location information is transmitted to said first wireless telephonic device, and a fourth display screen is provided that includes an option to

obtain directions from said first wireless telephonic device to said one of said plurality of wireless telephonic devices associated to said selected one of said plurality of users.

12. (previously presented) The method of claim 3, further comprising receiving a third manual input, wherein said first wireless telephonic device assigned location access rights to said one of said plurality of wireless telephonic devices associated with said selected one of said plurality of users for obtaining a location of said first wireless telephonic device and said third manual input modifies said location access rights.

13. (previously presented) The method of claim 3, wherein a triangulation process is utilized to provide said location information.

14. (previously presented) The method of claim 5, wherein said selection occurs on a first display screen and a second display screen is provided on said wireless device during said determination.

15. (previously presented) The method of claim 5, wherein said selection occurs on a first display screen, a second display screen is provided on said wireless device during said determination, and a third display screen is provided on said wireless device after said location information is transmitted to said wireless device.

16. (previously presented) The method of claim 5, wherein said selection occurs on a first display screen, a second display screen is provided on said

wireless device during said determination, a third display screen is provided on said wireless device after said location information is transmitted to said wireless device, and a fourth display screen is provided that includes an option to obtain directions from said wireless telephonic device to said first wireless telephonic device.

17. (previously presented) The method of claim 5, further comprising receiving a third manual input, wherein said wireless device assigned location access rights to said first wireless telephonic device for obtaining a location of said wireless device and said third manual input modifies said location access rights.

18. (previously presented) The method of claim 5, further comprising receiving a third manual input, wherein said wireless device assigned location access rights to said first wireless telephonic device for obtaining a location of said wireless device, said third manual input modifies said location access rights, and determining a travel time between said wireless device and said first wireless telephonic device.

19. (currently amended) The method of claim 7, wherein said ~~further comprising receiving a~~ password ~~on said first wireless device, wherein said password~~ is received on a first display screen ~~utilized in said determination~~.

20. (currently amended) The method of claim 7, wherein said ~~further comprising receiving a~~ password is received on a first display screen and said ~~a~~ login is received on a second display screen ~~said first wireless~~

~~device, wherein said password is utilized in said determination~~.

21. (previously presented) The method of claim 7, wherein said manual selection occurs on a first display screen and a second display screen is provided on said first wireless device during said determination.

22. (previously presented) The method of claim 7, wherein said manual selection occurs on a first display screen, a second display screen is provided on said first wireless device during said determination, and a third display screen is provided on said first wireless device after said location information is transmitted to said first wireless device.

REMARKS/ARGUMENTS

Summary of Office Action

Claims 3-8 are pending.

Claims 3-22 were rejected under 35 U.S.C. 102(e) as being anticipated by Meadows et al. U.S. Patent No. 6,716,101 (hereinafter "Meadows").

Summary of Applicant's Amendments

Applicant has amended claims 3, 5, 7, 19, and 20 without prejudice and solely in order to expedite prosecution.

Applicant respectfully traverses the Examiner's rejections. Applicant reserves the right to file any number of continuation or divisional claims directed to any of the subject matter contained in applicant's specification.

Applicant's Reply to the 102(e) Rejections

Claims 3-22 were rejected under 35 U.S.C. 102(e) as being anticipated by Meadows.

Claim 3

Meadows alleges monitoring system that permits an authorized parent to track that parent's children.

Meadows alleges an access code associated with a telephone number. Meadows alleges, "the user provides one or more access codes for each cellular telephone that the user desires to locate" (Meadows, col. 2, lines 19-20).

Applicant's amended claim 3, however, includes identifying a user of a first wireless telephonic device using a login and a password. In doing so, applicant's invention of claim 3 can be utilized on multiple devices

by the same user. Meadows does not show or suggest a feature.

In light of the foregoing, applicant respectfully requests that the Examiner's rejection of claim 3, and any claim dependent therefrom, is patentable.

Claims 5

As shown above, claim 3 is patentable. Claim 5 includes patentable features similar to patentable features of claim 3. Accordingly, applicant respectfully submits that claim 5 is patentable.

In light of the foregoing, applicant respectfully requests that the Examiner's rejections of claim 5, and any claims dependent therefrom, be withdrawn.

Claims 7

As shown above, claim 3 is patentable. Claim 7 includes patentable features similar to patentable features of claim 3. Accordingly, applicant respectfully submits that claim 7 is patentable.

In light of the foregoing, applicant respectfully requests that the Examiner's rejections of claim 7, and any claims dependent therefrom, be withdrawn.

The Dependent Claims

Claims 9-11, 13-16, and 21-22 were rejected under 35 U.S.C. 103(a) as being anticipated over Meadows. As shown above, claims 3, 5, and 7 are patentable. Claims 9-11, 13-16, and 21-22 depend fro mone of claims 3, 5, and 7. Accordingly, 9-11, 13-16, and 21-22 are patentable for depending from a patentable base claim.

Conclusion

Applicant respectfully submits that this application, including the pending claims, is in condition for allowance.

Reconsideration and prompt allowance of this application are respectfully requested.

The Director is hereby authorized to charge and fees due in conjunction with this filing, or to credit any overpayment of the same, to Deposit Account No. 50-3855.

Respectfully Submitted,

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Electronic Patent Application Fee Transmittal

Application Number:	11462201
Filing Date:	03-Aug-2006
Title of Invention:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
First Named Inventor/Applicant Name:	Jeffrey D. Mullen
Filer:	Jeffrey David Mullen
Attorney Docket Number:	JDM/002 CON3

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Extension - 2 months with $0 paid	2252	1	300	300

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
			Total in USD ($)	**300**

Electronic Acknowledgement Receipt	
EFS ID:	15988067
Application Number:	11462201
International Application Number:	
Confirmation Number:	4907
Title of Invention:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
First Named Inventor/Applicant Name:	Jeffrey D. Mullen
Customer Number:	32733
Filer:	Jeffrey David Mullen
Filer Authorized By:	
Attorney Docket Number:	JDM/002 CON3
Receipt Date:	10-JUN-2013
Filing Date:	03-AUG-2006
Time Stamp:	00:13:49
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	$300
RAM confirmation Number	8467
Deposit Account	503855
Authorized User	MULLEN, JEFFREY D.
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 (National application filing, search, and examination fees) Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)	

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		JDM-002CON3-Reply.pdf	106303 77f936b3032aa146d1b7be1fcdc91d48a46b67b2	yes	10

Multipart Description/PDF files in .zip description		
Document Description	**Start**	**End**
Amendment/Req. Reconsideration-After Non-Final Reject	1	1
Claims	2	7
Amendment/Req. Reconsideration-After Non-Final Reject	8	10

Warnings:

Information:

2	Fee Worksheet (SB06)	fee-info.pdf	30245 966338cd111a7624f00edacefa1c2c70215c7cd6	no	2

Warnings:

Information:

Total Files Size (in bytes):	136548

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.

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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.

<u>National Stage of an International Application under 35 U.S.C. 371</u>
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.

<u>New International Application Filed with the USPTO as a Receiving Office</u>
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.

PTO/SB/06 (09-11)
Approved for use through 1/31/2014. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 11/462,201	Filing Date 08/03/2006	☐ To be Mailed

ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO

APPLICATION AS FILED – PART I

	(Column 1)	(Column 2)		
FOR	NUMBER FILED	NUMBER EXTRA	RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	

APPLICATION AS AMENDED – PART II

AMENDMENT	06/10/2013	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 20	Minus	** 20	= 0	X $40 =	0
	Independent (37 CFR 1.16(h))	* 3	Minus	***3	= 0	X $210 =	0
	☐ Application Size Fee (37 CFR 1.16(s))						
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
						TOTAL ADD'L FEE	0

AMENDMENT		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =	
	☐ Application Size Fee (37 CFR 1.16(s))						
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
						TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

LIE
/DORIS BURNS/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**
If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/462,201	08/03/2006	Jeffrey D. Mullen	JDM/002 CON3	4907

32733 7590 06/14/2013

JEFFREY D. MULLEN
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EXAMINER	
WANG-HURST, KATHY W	
ART UNIT	PAPER NUMBER
2646	
MAIL DATE	DELIVERY MODE
06/14/2013	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	11/462,201	MULLEN, JEFFREY D.	
	Examiner	Art Unit	
	KATHY WANG-HURST	2646	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *06/10/2013*.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *3-22* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *3-22* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Response to Arguments

1. Claims 3, 5, 7, 19 and 20 have been amended. Claims 3-22 are pending for examination.

Applicant's arguments with respect to claims 3, 5, 7, 19 and 20 have been considered but are moot because the arguments do not apply to any of the references being used in the current rejection.

Applicant added "an input in the form of a login", in addition to the password. Meadows teaches a login page where the user inputs password, but Meadows does not specifically disclose the login page with both login and password. However, it is well known in the art at the time of the invention that a web page prompts a user to enter user login ID/information and a password. In order to show obviousness, a secondary reference is brought to show such feature, i.e. user is required to enter both logon and password. See below rejections.

The applicant argues that "in doing so, applicant's invention of claim 3 can be utilized on multiple devices by the same user. Meadows does not show or suggest a feature." (see pages 8-9). The examiner respectfully disagrees. Meadows teaches a login screen (see Fog. 5a) of a web page where user can login from any computing device (see col. 3 lines 1-4), thus Meadows indeed teaches such feature, i.e. the web-based service can be accessed on multiple devices by the same user. It should also be noted that the features upon which applicant relies (i.e., "can be utilized on multiple device by the same user") are not recited in the rejected claim(s). Although the claims

are interpreted in light of the specification, limitations from the specification are not read into the claims. See *In re Van Geuns*, 988 F.2d 1181, 26 USPQ2d 1057 (Fed. Cir. 1993).

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

3. Claims 3-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Meadows; Vernon et al. (US 6716101 B1, hereinafter "Meadows") in view of Sheridan; Joseph Allen et al. (US 6725032 B1).

Regarding claim 3, Meadows discloses a method comprising:

displaying on a first wireless telephonic device a plurality of users, wherein each one of said plurality of users is associated to a different one of a plurality of wireless telephonic devices (see Meadows, Fig. 4a, displaying a list of individuals to monitor);

receiving a first manual input in the form of a selection of the user (see Meadows, Fig. 4a, "please select individuals to monitor", the user may select 1, 2, 3, 4 or all; col. 5, lines 30-46);

receiving a second manual input in the form of a password (see Meadows, col. 2, lines 19-21, user provides an access code, thus a password);

determining whether to allow access of location information for said one of said plurality of wireless telephonic devices associated to said selected one of said plurality

of users (col. 2, lines 17-42), wherein said determination includes identifying said user of said first wireless telephonic device using said password (see Meadows, col. 2, lines 17-42; col. 5, lines 30-46);

transmitting said location information from a server to said first wireless telephonic device (see Meadows, col. 5, lines 47-57); and

displaying said location information on said first wireless device (see Meadows, Fig. 4b and col. 5, lines 47-57, displaying location information).

Meadows disclose a logon page where the user can input password (see Meadows, Fig. 5a) but does not specifically disclose a logon page where the user can input a login and a password. However, it is well known in the art at the time of the invention that a web page prompts a user to enter user login ID/information and a password.

In the same field of endeavor, Sheridan teaches a web login page where user can input both login information and a password (see Sheridan, Fig. 15).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to incorporate the teachings of Sheridan, to ask the user to initiate a session by entering a login name and a password, both of which are submitted in HTML form to the configuration management system to determine if a login and password combination matches the information provided in the security database to determine if the user has access to the system, as taught by Sheridan, thus allowing a more secure way of accessing a web-based service by matching both login information and password (see Sheridan, col. 18, lines 20-34).

Regarding claim 5, Meadows discloses a method comprising:

displaying on a wireless device a first name associated to a first wireless telephonic device and a second name associated to a second wireless telephonic device(see Meadows, Fig. 4a, displaying a list of individuals to monitor);

accepting a selection of said first name on said wireless device (see Meadows, Fig. 4a, “please select individuals to monitor”, the user may select 1, 2, 3, 4 or all; col. 5, lines 30-46);

receiving manual input in the form of a password (see Meadows, col. 2, lines 19-21, user provides an access code, thus a password);

determining whether to transmit location information associated to said first wireless telephonic device from a server to said wireless device, wherein said determining includes performing an identification process based on said manual input and said server is located remotely from said wireless device, said first wireless telephonic device, and said second wireless telephonic device (see Meadows, col. 2, lines 17-42; col. 5, lines 30-46);

transmitting said location information from a server to said first wireless telephonic device (see Meadows, col. 5, lines 47-57); and

displaying said location information on said first wireless device (see Meadows, Fig. 4b and col. 5, lines 47-57, displaying location information).

Meadows disclose a logon page where the user can input password (see Meadows, Fig. 5a) but does not specifically disclose a logon page where the user can input a login and a password. However, it is well known in the art at the time of the

invention that a web page prompts a user to enter user login ID/information and a password.

In the same field of endeavor, Sheridan teaches a web login page where user can input both login information and a password (see Sheridan, Fig. 15).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to incorporate the teachings of Sheridan, to ask the user to initiate a session by entering a login name and a password, both of which are submitted in HTML form to the configuration management system to determine if a login and password combination matches the information provided in the security database to determine if the user has access to the system, as taught by Sheridan, thus allowing a more secure way of accessing a web-based service by matching both login information and password (see Sheridan, col. 18, lines 20-34).

Regarding claim 7, Meadows discloses a method comprising:

accepting on a first wireless device a manual selection representative of a second wireless device from a list representative of a plurality of wireless devices (see Meadows, Fig. 4a, “please select individuals to monitor”, the user may select 1, 2, 3, 4 or all; col. 5, lines 30-46);

locating said second wireless device (see Meadows, col. 2, lines 17-42; col. 5, lines 30-46);

determining on a server whether said second wireless device has provided permission for said first wireless device to locate said second wireless device(see Meadows, col. 2, lines 17-42; col. 5, lines 30-46);

providing location information to said first wireless device based on said determination (see Meadows, col. 2, lines 17-42; col. 5, lines 30-46); and

displaying a map on said first wireless device with a marker representative of the location of said second wireless device (see Meadows, Fig. 4b and col. 5, lines 47-57, displaying location information on a map with markers).

Regarding claims 4, 6 and 8, Wallenius discloses the method of claim 3, wherein a positioning system is utilized to provide said location information (see Meadows, col. 4 lines 55-60, GPS).

Meadows disclose a logon page where the user can input password (see Meadows, Fig. 5a) but does not specifically disclose a logon page where the user can input a login and a password. However, it is well known in the art at the time of the invention that a web page prompts a user to enter user login ID/information and a password.

In the same field of endeavor, Sheridan teaches a web login page where user can input both login information and a password (see Sheridan, Fig. 15).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to incorporate the teachings of Sheridan, to ask the user to initiate a session by entering a login name and a password, both of which are submitted in HTML form to the configuration management system to determine if a login and password combination matches the information provided in the security database to determine if the user has access to the system, as taught by Sheridan, thus allowing a

more secure way of accessing a web-based service by matching both login information and password (see Sheridan, col. 18, lines 20-34).

Regarding claim 13, the combination of Meadows and Sheridan discloses a triangulation process is utilized to provide said location information (see Meadows, col. 4 lines 40-42, triangulation).

Regarding claims 12, 17 and 18, the combination of Meadows and Sheridan discloses receiving a third manual input, wherein said first wireless telephonic device assigned location access rights to said one of said plurality of wireless telephonic devices associated with said selected one of said plurality of users for obtaining a location of said first wireless telephonic device and said third manual input modifies said location access rights (see Meadows, Fig. 4a, “please select individuals to monitor”, thus user may change selection, thus “modify”).

Regarding claims 19-20, the combination of Meadows and Sheridan discloses receiving both login and password (see Meadows, col. 2, lines 19-21, user provides an access code, thus a password; see Sheridan, col. 18, lines 20-34) but does not specifically disclose receiving a password on a first screen and login on a second screen. However, it is a design choice if the login and password entries are on the same screen or on separate screens. As a matter of fact, it is known in the art at the time of the invention that the login is received on one screen and the password is received on another screen. Such design is evidenced by MacIntosh, Paul et al. (US 20020138581 A1) where MacIntosh discusses having the user to enter the user name on one window and then the password on a second browser window. MacIntosh points out that such

multiple steps could be time-consuming and onerous and therefore may not be the best design. Nevertheless, the examiner points to MacIntosh merely to show that the login and password on two separate pages is well known in the art.

Regarding claims 9-11, 14-16, and 21-22, the combination of Meadows and Sheridan discloses the wireless telephonic device having a display that may display various functions such as user selection from a list of contacts (see Meadows, Fig. 4a, "please select individuals to monitor", the user may select 1, 2, 3, 4 or all), data determination during location calculation(see Meadows, Fig. 4b), location information display after location is determined (see Meadows, Fig. 4c) and direction obtainment if user wants to reach the determined location (see Meadows, Fig. 5a-5c, col. 6 lines 10-23).

Conclusion

4. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to KATHY WANG-HURST whose telephone number is (571)270-5371. The examiner can normally be reached on Monday-Thursday, 7:30am-5pm, alternate Fridays, EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lester Kincaid can be reached on (571) 272-7922. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/KATHY WANG-HURST/
Primary Examiner, Art Unit 2646

Notice of References Cited	Application/Control No. 11/462,201	Applicant(s)/Patent Under Reexamination MULLEN, JEFFREY D.	
	Examiner KATHY WANG-HURST	Art Unit 2646	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-2002/0138581 A1	09-2002	MacIntosh et al.	709/206
*	B	US-6,725,032 B1	04-2004	Sheridan et al.	455/419
*	C	US-6,716,101 B1	04-2004	Meadows et al.	455/456.1
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11462201	MULLEN, JEFFREY D.
	Examiner	**Art Unit**
	KATHY WANG-HURST	2617

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
Final	Original	02/09/2009	11/17/2009	06/23/2010	02/09/2011	01/08/2013	06/12/2013			
	1	-	-	-	-	-	-			
	2	-	-	-	-	-	-			
	3	✓	✓	✓	✓	✓	✓			
	4	✓	✓	✓	✓	✓	✓			
	5	✓	✓	✓	✓	✓	✓			
	6	✓	✓	✓	✓	✓	✓			
	7	✓	✓	✓	✓	✓	✓			
	8	✓	✓	✓	✓	✓	✓			
	9		✓	✓	✓	✓	✓			
	10		✓	✓	✓	✓	✓			
	11		✓	✓	✓	✓	✓			
	12		✓	✓	✓	✓	✓			
	13		✓	✓	✓	✓	✓			
	14		✓	✓	✓	✓	✓			
	15		✓	✓	✓	✓	✓			
	16		✓	✓	✓	✓	✓			
	17		✓	✓	✓	✓	✓			
	18		✓	✓	✓	✓	✓			
	19		✓	✓	✓	✓	✓			
	20		✓	✓	✓	✓	✓			
	21		✓	✓	✓	✓	✓			
	22		✓	✓	✓	✓	✓			

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	86	(login logon) same (passcode PIN code password) near9 (next second follow$4 another) near9 (screen page display window) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/06/12 21:48
S1	1	"11462201"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:39
S2	0	45/456.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:41
S3	4015	455/456.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:41
S4	6131	455/456.1-457.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:50
S5	1728	S4 and (access right$1) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:51
S6	62	S4 and (access same right$1) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:51
S7	5	S4 and (giv$4 same access same right$1) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:52
S8	24	S4 and (access near right$1) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:52
S9	2	(4654879|5043736).pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 16:18
S10	11	(4654879|5043736|5086390|5097416|5197092|5305201|5327144|5337334|5341410|5384824|5388147).pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 16:20
S11	128	S4 and (display near users) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:36
S12	1	S4 and (display near contacts) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:38
S13	93	S4 and (contact near (list information database)) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:39
S14	14	S4 and (display same contact near (list information database)) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:39
S15	514	S4 and (address and map) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:45
S16	372	S4 and (address and map and display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:46
S17	109	S4 and ((address and map) same display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:46
S18	94	S4 and (select near (contact subscriber user) same display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:48
S19	7	S4 and (select near (contact subscriber) same display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:51
S20	41	S4 and (address near book) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:53
S21	23	S4 and (address near book) and map and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:53
S22	20	S4 and (address near book) and map and display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:55

S23	1	"5287541".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 18:22
S24	6908	455/456.1-457.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:10
S25	832	S24 and (determin$4 acquir$4 locat$4) same (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:10
S26	151	S24 and (determin$4 acquir$4 locat$4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:11
S27	151	S24 and (determin$4 acquir$4 locat$4 synchroniz$4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:12
S28	3221	455/566.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:14
S29	25	S24 and (determin$4 acquir$4 synchroniz$4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:15
S30	42	(S28 S24) and (determining acquiring synchronizing wait$4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:22
S31	1	(S28 S24) and (during while) near (determining acquiring synchronizing wait$4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:26
S32	12	(S28 S24) and (during while) near4 (determin$4 acquiring synchronizing wait$4) near4 (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:27
S33	2941	(data location) near (acqui$5 obtain$4) near4 (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:29
S34	840	(data location) near (acqui$5 obtain$4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:30
S35	254	(data location) near (acqui$5) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:30
S36	7590	455/456.1-457.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:35
S37	421	S36 and select$4 near4 (list multiple plurality) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:35
S38	127	S36 and select$4 near4 (list multiple plurality) near8 (user input) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:36
S39	32	S36 and select$4 near4 (list multiple plurality) near8 (user input) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:36
S40	26	S36 and select$4 near4 (list multiple plurality) near4 (user contact) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:38
S41	1	S36 and select$4 near4 (contact person friend) near4 (list multiple plurality) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:40
S42	1	S36 and select$4 near4 (contact person friend people) near4 (list address multiple plurality) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:40
S43	1	S36 and (choos$4 select$4) near4 (contact person friend people) near4 (list address multiple plurality) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:41
S44	37	S36 and (choos$4 select$4) near4 (contact person friend people subscriber user) near4 (list address multiple plurality) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:42
S45	2	S36 and (choos$4 select$4) near4 (contact person friend people subscriber) near4 (list address multiple plurality) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:42
S46	304	"455"/$.ccls. and (choos$4 select$4) near4 (contact person friend people subscriber user) near4 (list address multiple plurality) same display and location and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:51
S47	56	"455"/$.ccls. and (choos$4 select$4) near4 (contact person friend people subscriber user) near4 (list address multiple plurality) same display same location and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:52
S48	1	"5950137".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:55
S49	96	((JEFFREY) near2 (MULLEN)).INV.	US-PGPUB; USPAT	OR	ON	2010/06/23 17:54

S50	1	S49 and (determin$4 same allow$4 same access same location same information same display$4).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 17:55
S51	3803	password near9 location	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 14:34
S52	284	"455"/$.ccls. and password near9 location	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 14:34
S53	45	"455"/$.ccls. and password near9 location and @ad<="20020325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 14:35
S54	14	"455"/456.1-457.ccls. and password near9 location and @ad<="20020325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 14:36
S55	14	"455"/456.1-457.ccls. and password near9 location and @ad<"20020325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 14:36
S56	368	(gain$4 obtain$4 permi$6 allow$4 requst$4) near9 (access right$1) near9 (location position) near9 (target$4 monitor$4 third near party) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/01/08 10:08
S57	35	(gain$4 obtain$4 permi$6 allow$4 requst$4) near9 (access right$1) near9 (location position) near9 (target$4 monitor$4 third near party) same (password code PIN pass$1code) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/01/08 10:09
S58	723	(gain$4 obtain$4 permi$6 allow$4 requst$4 access$4) near9 (location position) near9 (target$4 monitor$4 third near party child friend family) same (password code PIN pass$1code) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/01/08 10:11
S59	101	(gain$4 obtain$4 permi$6 allow$4 requst$4 access$4) near9 (location position) near9 (target$4 monitor$4 third near party child friend family) same (password code PIN pass$1code) same (wireless cellular cell mobile phone telephone hand$1held) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/01/08 10:11
S60	56	(gain$4 obtain$4 permi$6 allow$4 requst$4 access$4) near9 (location position) near9 (target$4 monitor$4 third near party child friend family) same (password code PIN pass$1code) same (wireless cellular cell mobile UE) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/01/08 10:12
S61	6	(455/456.1-456.3.ccls.) and (gain$4 obtain$4 permi$6 allow$4 requst$4 access$4) near9 (location position) near9 (target$4 monitor$4 third near party child friend family) same (password code PIN pass$1code) same (wireless cellular cell mobile UE) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/01/08 10:26
S62	1	"11462201" and login	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/12 15:22
S63	223	455/456.1-457.ccls. and (login logon) same password	US-PGPUB; USPAT; USOCR	OR	ON	2013/06/12 15:30
S64	195	455/456.1-457.ccls. and (login logon) near9 password	US-PGPUB; USPAT; USOCR	OR	ON	2013/06/12 15:31
S65	63	455/456.1-457.ccls. and (login logon) near (ID name) near9 password	US-PGPUB; USPAT; USOCR	OR	ON	2013/06/12 15:33
S66	13	455/456.1-457.ccls. and (login logon) near (ID name information) near9 password near9 (screen display page)	US-PGPUB; USPAT; USOCR	OR	ON	2013/06/12 15:39
S67	3	455/456.1-457.ccls. and (login logon) near (ID name) near9 password and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/06/12 15:40
S68	2	"455"/$.ccls. and (login logon) near (ID name info information) near9 (passcode PIN code password) near9 (screen page display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/06/12 15:43
S69	1	(login logon) near (ID name info information) near9 (passcode PIN code password) near9 (next second) near (screen page display) and @ad<="20020325"	US-PGPUB; USPAT;	OR	ON	2013/06/12 15:46

			USOCR			
S70	1	(login logon) near (ID name info information) near9 (passcode PIN code password) near9 (next second) near (screen page display window) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/06/12 15:47
S71	1	(login logon) near (ID name info information) near9 (passcode PIN code password) near9 (next second follow$4) near (screen page display window) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/06/12 15:50
S72	29	(login logon) near9 (passcode PIN code password) near9 (next second follow$4) near (screen page display window) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/06/12 15:53

EAST Search History (Interference)

< This search history is empty>

6/ 12/ 2013 10:23:51 PM
C:\ Users\ khurst\ Documents\ EAST\ Workspaces\ 11462201.wsp

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11462201	MULLEN, JEFFREY D.
	Examiner	Art Unit
	KATHY WANG-HURST	2617

CPC- SEARCHED		
Symbol	Date	Examiner

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
455	456.1-457	2/9/2009	kwh
455	567	11/17/2009	kwh

SEARCH NOTES		
Search Notes	Date	Examiner
class/subclass search on EAST	2/9/2009	kwh
inventor/assignee search on PALM	2/9/2009	kwh
key word/concept search on EAST	2/9/2009	kwh
updated search on EAST	11/17/2009	kwh
updated EAST search	6/23/2010	kwh
consulted primary examiner Huy Phan	6/23/2010	kwh
updated EAST search	2/9/2011	kwh
consulted Primary Examiner Kamran Afshar	2/9/2011	kwh
updated search	1/8/2013	kwh
updated EAST search	6/12/2013	kwh

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner

Doc code: RCEX
Doc description: Request for Continued Examination (RCE)

PTO/SB/30EFS (10-08)
Approved for use through 11/30/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL
(Submitted Only via EFS-Web)

Application Number	11462201	Filing Date	2006-08-03	Docket Number (if applicable)	JDM/002 CON3	Art Unit	4907
First Named Inventor	Jeffrey D. Mullen			Examiner Name	Kathy W Wang-Hurt		

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV

SUBMISSION REQUIRED UNDER 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

- ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____
- ☐ Other _____

☒ Enclosed

- ☒ Amendment/Reply
- ☐ Information Disclosure Statement (IDS)
- ☐ Affidavit(s)/ Declaration(s)
- ☐ Other _____

MISCELLANEOUS

☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months _____
(Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

☐ Other _____

FEES

☒ **The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.**
The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No 503855

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

☐ Patent Practitioner Signature

☒ Applicant Signature

PTO/SB/30EFS (10-08)
Approved for use through 11/30/2008. OMB 0651-0031
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Applicant Signature			
Applicant 1		Remove	
Signature	/Jeffrey D. Mullen/	Date (YYYY-MM-DD)	2013-11-14
Name	Jeffrey D. Mullen		
Click ADD for additional Applicant Signature		Add	

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

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5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Jeffrey D. Mullen
Application No.	:	11/462,201
Confirmation No.	:	4907
Filed	:	August 3, 2006
For	:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
Group Art Unit	:	2617
Examiner	:	KATHY W WANG-HURST

Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Pittsburgh, PA 15232
November 14, 2013

REPLY TO OFFICE ACTION

Sir:

This is in response to the Office Action dated June 14, 2013. A two-month extension of time and a Request for Continued Examination is applicable hereto and is being submitted herewith. In response to the Office Action, applicant amends the application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 8 of this paper.

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-2. (cancelled).

3. (previously presented) A method comprising:

displaying on a first wireless telephonic device a plurality of users, wherein each one of said plurality of users is associated to a different one of a plurality of wireless telephonic devices;

receiving a first manual input in the form of a selection of one of said plurality of users;

receiving an input in the form of a login and a second manual input in the form of a password;

determining whether to allow access of location information for said one of said plurality of wireless telephonic devices associated to said selected one of said plurality of users, wherein said determination includes identifying said user of said first wireless telephonic device using said login and said password;

transmitting said location information from a server to said first wireless telephonic device; and

displaying said location information on said first wireless device.

4. (previously presented) The method of claim 3, wherein a positioning system is utilized to provide said location information.

5. (previously presented) A method comprising:

displaying on a wireless device a first name associated to a first wireless telephonic device and a second name associated to a second wireless telephonic device;

accepting a selection of said first name on said wireless device;

receiving manual input entered into said wireless device that includes a login and a password;

determining whether to transmit location information associated to said first wireless telephonic device from a server to said wireless device, wherein said determining includes performing an identification process based on said manual input and said server is located remotely from said wireless device, said first wireless telephonic device, and said second wireless telephonic device;

transmitting said location information to said wireless device based on said determination; and

displaying said location information on said wireless device.

6. (previously presented) The method of claim 5, wherein a positioning system is utilized to provide said location information.

7. (previously presented) A method comprising:

accepting on a first wireless device a manual selection representative of a second wireless device from a list representative of a plurality of wireless devices;

locating said second wireless device;

determining on a server whether said second wireless device has provided permission for said first wireless device to locate said second wireless device

based on the identification of a login and password received by said first wireless device;

providing location information to said first wireless device based on said determination; and

displaying a map on said first wireless device with a marker representative of the location of said second wireless device.

8. (previously presented) The method of claim 7, wherein a positioning system is utilized to provide said location information.

9. (previously presented) The method of claim 3, wherein said selection occurs on a first display screen and a second display screen is provided on said first wireless telephonic device during said determination.

10. (previously presented) The method of claim 3, wherein said selection occurs on a first display screen, a second display screen is provided on said first wireless telephonic device during said determination, and a third display screen is provided on said first wireless device after said location information is transmitted to said first wireless telephonic device.

11. (previously presented) The method of claim 3, wherein said selection occurs on a first display screen, a second display screen is provided on said first wireless telephonic device during said determination, a third display screen is provided on said first wireless device after said location information is transmitted to said first wireless telephonic device, and a fourth display screen is provided that includes an option to

obtain directions from said first wireless telephonic device to said one of said plurality of wireless telephonic devices associated to said selected one of said plurality of users.

12. (previously presented) The method of claim 3, further comprising receiving a third manual input, wherein said first wireless telephonic device assigned location access rights to said one of said plurality of wireless telephonic devices associated with said selected one of said plurality of users for obtaining a location of said first wireless telephonic device and said third manual input modifies said location access rights.

13. (previously presented) The method of claim 3, wherein a triangulation process is utilized to provide said location information.

14. (previously presented) The method of claim 5, wherein said selection occurs on a first display screen and a second display screen is provided on said wireless device during said determination.

15. (previously presented) The method of claim 5, wherein said selection occurs on a first display screen, a second display screen is provided on said wireless device during said determination, and a third display screen is provided on said wireless device after said location information is transmitted to said wireless device.

16. (previously presented) The method of claim 5, wherein said selection occurs on a first display screen, a second display screen is provided on said

wireless device during said determination, a third display screen is provided on said wireless device after said location information is transmitted to said wireless device, and a fourth display screen is provided that includes an option to obtain directions from said wireless telephonic device to said first wireless telephonic device.

17. (previously presented) The method of claim 5, further comprising receiving a third manual input, wherein said wireless device assigned location access rights to said first wireless telephonic device for obtaining a location of said wireless device and said third manual input modifies said location access rights.

18. (previously presented) The method of claim 5, further comprising receiving a third manual input, wherein said wireless device assigned location access rights to said first wireless telephonic device for obtaining a location of said wireless device, said third manual input modifies said location access rights, and determining a travel time between said wireless device and said first wireless telephonic device.

19. (previously presented) The method of claim 7, wherein said password is received on a first display screen.

20. (previously presented) The method of claim 7, wherein said password is received on a first display screen and said login is received on a second display screen.

21. (previously presented) The method of claim 7, wherein said manual selection occurs on a first display screen and a second display screen is provided on said first wireless device during said determination.

22. (previously presented) The method of claim 7, wherein said manual selection occurs on a first display screen, a second display screen is provided on said first wireless device during said determination, and a third display screen is provided on said first wireless device after said location information is transmitted to said first wireless device.

REMARKS/ARGUMENTS

Summary of Office Action

Claims 3-8 are pending.

Claims 3-22 were rejected under 35 U.S.C. 102(e) as being anticipated by Meadows et al. U.S. Patent No. 6,716,101 (hereinafter "Meadows") in view of Sheridan Joseph Allen U.S. Patent No. 6,725,032 (hereinafter "Allen").

Summary of Applicant's Amendments

Applicant respectfully traverses the Examiner's rejections. Applicant reserves the right to file any number of continuation or divisional claims directed to any of the subject matter contained in applicant's specification.

Applicant's Reply to the 102(e) Rejections

Claims 3-22 were rejected under 35 U.S.C. 103(a) as being anticipated by Meadows in view of Allen.

Meadows alleges monitoring system that permits an authorized parent to track that parent's children.

Claim 3

Applicant previously amended claim 3 to include the feature a login in addition to a password. As shown below, claim 3 is patentable.

Applicant reserves the right to broaden the claims should the Examiner maintain the rejections. Similarly, applicant reserves the right to claim the subject matter in any continuation or divisional application and subsequently claim Patent Term Adjustment and/or Patent Term Extension at any time, before or after prosecution on the merits, to recover incurred delay.

The Examiner stated:

> "Applicant added 'an input in the form of a login', in addition to the password … Meadows does not teach specifically disclose the login page with both login and password. However, it is well known … to enter user login ID/information and a password."
> (Office Action, page 2)

Meadows, however, is not merely silent on a login and password. Meadows explicitly provides a configuration that only includes Meadow's access code.

Meadows access code is not a login/password. Meadows access code is an access code. For example, Meadows states:

> "The user provides more or more access codes for each cellular telephone that the user desires to locate."
> (Meadows, col. 2, lines 19-22)

> "By entering the code '1983' into the login screen of FIG. 5a, the dispatcher is presented with a list indicating that he is authorized to monitor these individuals."
> (Meadows, col. 6, lines 10-16

As such, Meadows cannot be combined with references that Meadows directly teaches away from – which may be any reference that provides a login and password.

Adding a password to Meadows when access codes are associated with the telephones trying to be located does not provide any functionality. In Meadows, the user would have to provide a code for a particular cellular telephone and then a separate password for that cellular telephone.

Adding complexity to Meadows would only serve to increase delay.

Applicant's amended claim 3, however, includes identifying a user of a first wireless telephonic device using a login and a password. In doing so, applicant's invention of claim 3 can be securely utilized on multiple devices by the same user. Meadows does not show or suggest a feature.

Accordingly, neither Meadows now Allen, used either alone or in combination, show or suggest applicant's claim 3. In light of the foregoing, applicant respectfully requests that the Examiner's rejection of claim 3, and any claim dependent therefrom, is patentable.

Claims 5

As shown above, claim 3 is patentable. Claim 5 includes patentable features similar to patentable features of claim 3. Accordingly, applicant respectfully submits that claim 5 is patentable.

In light of the foregoing, applicant respectfully requests that the Examiner's rejections of claim 5, and any claims dependent therefrom, be withdrawn.

Claims 7

As shown above, claim 3 is patentable. Claim 7 includes patentable features similar to patentable features of claim 3. Accordingly, applicant respectfully submits that claim 7 is patentable.

In light of the foregoing, applicant respectfully requests that the Examiner's rejections of claim 7, and any claims dependent therefrom, be withdrawn.

The Dependent Claims

Claims 9-11, 13-16, and 21-22 were rejected under 35 U.S.C. 103(a) as being anticipated over Meadows. As shown above, claims 3, 5, and 7 are patentable. Claims 9-11, 13-16, and 21-22 depend fro mone of claims 3, 5, and 7. Accordingly, 9-11, 13-16, and 21-22 are patentable for depending from a patentable base claim.

Conclusion

Applicant respectfully submits that this application, including the pending claims, is in condition for allowance.

Reconsideration and prompt allowance of this application are respectfully requested.

The Director is hereby authorized to charge and fees due in conjunction with this filing, or to credit any overpayment of the same, to Deposit Account No. 50-3855.

Respectfully Submitted,

/Jeffrey D. Mullen/
Jeffrey D. Mullen
Applicant (Reg. No. 52,056)
Customer No. 32733
1310 Riverfront Drive
Pittsburgh, PA 15238
Tel.: (914) 837-7741

Electronic Patent Application Fee Transmittal

Application Number:	11462201
Filing Date:	03-Aug-2006
Title of Invention:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
First Named Inventor/Applicant Name:	Jeffrey D. Mullen
Filer:	Jeffrey David Mullen
Attorney Docket Number:	JDM/002 CON3

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Extension - 2 months with $0 paid	2252	1	300	300

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
RCE - 2nd and Subsequent Request	2820	1	850	850
		Total in USD ($)		**1150**

Electronic Acknowledgement Receipt	
EFS ID:	17409449
Application Number:	11462201
International Application Number:	
Confirmation Number:	4907
Title of Invention:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
First Named Inventor/Applicant Name:	Jeffrey D. Mullen
Customer Number:	32733
Filer:	Jeffrey David Mullen
Filer Authorized By:	
Attorney Docket Number:	JDM/002 CON3
Receipt Date:	14-NOV-2013
Filing Date:	03-AUG-2006
Time Stamp:	23:04:21
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	$1150
RAM confirmation Number	7440
Deposit Account	503855
Authorized User	
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 (National application filing, search, and examination fees) Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)	

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)
Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)
Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for Continued Examination (RCE)	JDM-002CON3--RCE.pdf	697859 bec2ec44ea5b63c600be48b768afaf0e67741a9d	no	3
Warnings:					
Information:					
2		JDM-002CON3-Reply.pdf	109127 f7acd0088331d7d741cadfb969bfd59ab2841f14	yes	11

Multipart Description/PDF files in .zip description

Document Description	Start	End
Amendment Submitted/Entered with Filing of CPA/RCE	1	1
Claims	2	7
Applicant Arguments/Remarks Made in an Amendment	8	11

Warnings:					
Information:					
3	Fee Worksheet (SB06)	fee-info.pdf	32176 7a3fe461cb762237adaea5e92f8e497209e0e667	no	2
Warnings:					
Information:					
			Total Files Size (in bytes):	839162	

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.

PTO/SB/06 (09-11)
Approved for use through 1/31/2014. OMB 0651-0032
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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 11/462,201	Filing Date 08/03/2006	☐ To be Mailed

ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO

APPLICATION AS FILED – PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	

APPLICATION AS AMENDED – PART II

AMENDMENT 11/14/2013	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
Total (37 CFR 1.16(i))	* 20	Minus	** 20	= 0	X $40 =	0
Independent (37 CFR 1.16(h))	* 3	Minus	***3	= 0	X $210 =	0
☐ Application Size Fee (37 CFR 1.16(s))						
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
					TOTAL ADD'L FEE	0

AMENDMENT	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =	
Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =	
☐ Application Size Fee (37 CFR 1.16(s))						
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
					TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

LIE
/BONNIE COLE/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**
If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/462,201	08/03/2006	Jeffrey D. Mullen	JDM/002 CON3	4907

32733 7590 12/24/2013

JEFFREY D. MULLEN
1310 Riverfront Drive
PITTSBURGH, PA 15238

EXAMINER	
WANG-HURST, KATHY W	
ART UNIT	**PAPER NUMBER**
2646	
MAIL DATE	**DELIVERY MODE**
12/24/2013	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 11/462,201	Applicant(s) MULLEN, JEFFREY D.	
	Examiner KATHY WANG-HURST	Art Unit 2646	AIA (First Inventor to File) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *11/14/2013*.

☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

4)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims*

5)☒ Claim(s) *3-22* is/are pending in the application.

5a) Of the above claim(s) _____ is/are withdrawn from consideration.

6)☐ Claim(s) _____ is/are allowed.

7)☒ Claim(s) *3-22* is/are rejected.

8)☐ Claim(s) _____ is/are objected to.

9)☐ Claim(s) _____ are subject to restriction and/or election requirement.

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

Application Papers

10)☐ The specification is objected to by the Examiner.

11)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a)☐ All b)☐ Some** c)☐ None of the:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)

2) ☐ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b) Paper No(s)/Mail Date _____.

3) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .

4) ☐ Other: _____.

DETAILED ACTION

1. The present application is being examined under the pre-AIA first to invent provisions.

Continued Examination Under 37 CFR 1.114

2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 11/14/2013 has been entered.

Response to Arguments

3. Applicant's arguments filed 11/14/2013 have been fully considered but they are not persuasive.

Applicant argues that Meadows access code is not a login/password (see page 9 of argument). The examiner respectfully disagrees. Meadows teaches that an authorized user has authority to track/monitor the location of one or more wireless communication devices/cellular telephones and the authorized user provides one or more access codes in order to reach cellular telephones that the user desires to locate (see Meadows, col. 2, lines 17-28). Meadows specifically discloses " Each wireless communications device is associated with an individual to be monitored… A database stores location information and associates

a user access code with each wireless communications device. In operation, authorized users receive location information pertaining to each wireless communications device associated with respective user access codes". (see Meadows, col. 2, lines 43-58). In addition, Meadows also discloses "As provided in FIG. 4a, upon connecting to the Internet and entering the appropriate URL to access the monitoring website, the user enters an access code. The user may then be presented with a list of names of persons who the user is authorized to monitor." (see Meadows, col. 6, lines 36-47). It is noted that the monitoring device may be of several different types of wireless communication products, such as interactive pager, PDA or cellular telephones (see Meadows, col. 6, lines 35-47). Therefore it is clear Meadows access code is equivalent of passcode/password.

Applicant also argues that adding a password to Meadows access codes does not provide any functionality and adds complexity to increase delay (see page 9 of argument) while applicant's login and password are useful without creating delay even though the prior art and the applicant teach the same concept of using login/password. The examiner respectfully disagrees. Meadows allows the authorized user to access location information of cellular telephones after the user provides the access code. Specifically, Meadows discloses "The user provides one or more access codes for each cellular telephone that the user desires to locate (see Meadows, col. 2, lines 17-28). In other words, "more access codes"

could be in a form of a login and password, even though Meadows does not explicitly state so. In order to make it more obvious, secondary reference Sheridan is used to teach a user accessing a web-based program where the user inputs both login information and a password to access the web-based service (see Sheridan, Fig. 15). Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to incorporate the teachings of Sheridan, to ask the user to initiate a session by entering a login name and a password, both of which are submitted in HTML form to the configuration management system to determine if a login and password combination matches the information provided in the security database to determine if the user has access to the system, as taught by Sheridan, thus allowing a more secure way of accessing a web-based service by matching both login information and password (see Sheridan, col. 18, lines 20-34). Thus it is clear the combination of Meadows and Sheridan teaches a user using a login and password in order to more securely access a web-based service by matching both login and password information.

Lastly, applicant argues that applicant's login and password "can be securely utilized on multiple devices by the same user" (see page 10 of argument). The examiner would like to point out that the features upon which applicant relies (i.e., login and password can be securely utilized on multiple devices by the same user) are not recited in the rejected claim(s). Although the claims are interpreted in light of the specification, limitations from the specification are not read into the claims. See *In re Van Geuns*, 988 F.2d 1181, 26 USPQ2d 1057 (Fed. Cir. 1993).

Therefore for the above reasons, the previous rejections are maintained. See below for detailed rejections.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

5. Claims 3-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Meadows; Vernon et al. (US 6716101 B1, hereinafter "Meadows") in view of Sheridan; Joseph Allen et al. (US 6725032 B1, hereinafter "Sheridan").

Regarding claim 3, Meadows discloses a method comprising:

displaying on a first wireless telephonic device a plurality of users, wherein each one of said plurality of users is associated to a different one of a plurality of wireless telephonic devices (see Meadows, Fig. 4a, displaying a list of individuals to monitor);

receiving a first manual input in the form of a selection of the user (see Meadows, Fig. 4a, "please select individuals to monitor", the user may select 1, 2, 3, 4 or all; col. 5, lines 30-46);

receiving a second manual input in the form of a password (see Meadows, col. 2, lines 19-21, user provides an access code, thus a password);

determining whether to allow access of location information for said one of said plurality of wireless telephonic devices associated to said selected one of said plurality of users (col. 2, lines 17-42), wherein said determination includes identifying said user

of said first wireless telephonic device using said password (see Meadows, col. 2, lines 17-42; col. 5, lines 30-46);

transmitting said location information from a server to said first wireless telephonic device (see Meadows, col. 5, lines 47-57); and

displaying said location information on said first wireless device (see Meadows, Fig. 4b and col. 5, lines 47-57, displaying location information).

Meadows disclose a logon page where the user can input password (see Meadows, Fig. 5a) but does not specifically disclose a logon page where the user can input a login and a password. However, it is well known in the art at the time of the invention that a web page prompts a user to enter user login ID/information and a password.

In the same field of endeavor, Sheridan teaches a web login page where user can input both login information and a password (see Sheridan, Fig. 15).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to incorporate the teachings of Sheridan, to ask the user to initiate a session by entering a login name and a password, both of which are submitted in HTML form to the configuration management system to determine if a login and password combination matches the information provided in the security database to determine if the user has access to the system, as taught by Sheridan, thus allowing a more secure way of accessing a web-based service by matching both login information and password (see Sheridan, col. 18, lines 20-34).

Regarding claim 5, Meadows discloses a method comprising:

displaying on a wireless device a first name associated to a first wireless telephonic device and a second name associated to a second wireless telephonic device(see Meadows, Fig. 4a, displaying a list of individuals to monitor);

accepting a selection of said first name on said wireless device (see Meadows, Fig. 4a, “please select individuals to monitor”, the user may select 1, 2, 3, 4 or all; col. 5, lines 30-46);

receiving manual input in the form of a password (see Meadows, col. 2, lines 19-21, user provides an access code, thus a password);

determining whether to transmit location information associated to said first wireless telephonic device from a server to said wireless device, wherein said determining includes performing an identification process based on said manual input and said server is located remotely from said wireless device, said first wireless telephonic device, and said second wireless telephonic device (see Meadows, col. 2, lines 17-42; col. 5, lines 30-46);

transmitting said location information from a server to said first wireless telephonic device (see Meadows, col. 5, lines 47-57); and

displaying said location information on said first wireless device (see Meadows, Fig. 4b and col. 5, lines 47-57, displaying location information).

Meadows disclose a logon page where the user can input password (see Meadows, Fig. 5a) but does not specifically disclose a logon page where the user can input a login and a password. However, it is well known in the art at the time of the

invention that a web page prompts a user to enter user login ID/information and a password.

In the same field of endeavor, Sheridan teaches a web login page where user can input both login information and a password (see Sheridan, Fig. 15).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to incorporate the teachings of Sheridan, to ask the user to initiate a session by entering a login name and a password, both of which are submitted in HTML form to the configuration management system to determine if a login and password combination matches the information provided in the security database to determine if the user has access to the system, as taught by Sheridan, thus allowing a more secure way of accessing a web-based service by matching both login information and password (see Sheridan, col. 18, lines 20-34).

Regarding claim 7, Meadows discloses a method comprising:

accepting on a first wireless device a manual selection representative of a second wireless device from a list representative of a plurality of wireless devices (see Meadows, Fig. 4a, “please select individuals to monitor”, the user may select 1, 2, 3, 4 or all; col. 5, lines 30-46);

locating said second wireless device (see Meadows, col. 2, lines 17-42; col. 5, lines 30-46);

determining on a server whether said second wireless device has provided permission for said first wireless device to locate said second wireless device(see Meadows, col. 2, lines 17-42; col. 5, lines 30-46);

providing location information to said first wireless device based on said determination (see Meadows, col. 2, lines 17-42; col. 5, lines 30-46); and

displaying a map on said first wireless device with a marker representative of the location of said second wireless device (see Meadows, Fig. 4b and col. 5, lines 47-57, displaying location information on a map with markers).

Regarding claims 4, 6 and 8, Wallenius discloses the method of claim 3, wherein a positioning system is utilized to provide said location information (see Meadows, col. 4 lines 55-60, GPS).

Meadows disclose a logon page where the user can input password (see Meadows, Fig. 5a) but does not specifically disclose a logon page where the user can input a login and a password. However, it is well known in the art at the time of the invention that a web page prompts a user to enter user login ID/information and a password.

In the same field of endeavor, Sheridan teaches a web login page where user can input both login information and a password (see Sheridan, Fig. 15).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to incorporate the teachings of Sheridan, to ask the user to initiate a session by entering a login name and a password, both of which are submitted in HTML form to the configuration management system to determine if a login and password combination matches the information provided in the security database to determine if the user has access to the system, as taught by Sheridan, thus allowing a

more secure way of accessing a web-based service by matching both login information and password (see Sheridan, col. 18, lines 20-34).

Regarding claim 13, the combination of Meadows and Sheridan discloses a triangulation process is utilized to provide said location information (see Meadows, col. 4 lines 40-42, triangulation).

Regarding claims 12, 17 and 18, the combination of Meadows and Sheridan discloses receiving a third manual input, wherein said first wireless telephonic device assigned location access rights to said one of said plurality of wireless telephonic devices associated with said selected one of said plurality of users for obtaining a location of said first wireless telephonic device and said third manual input modifies said location access rights (see Meadows, Fig. 4a, “please select individuals to monitor”, thus user may change selection, thus “modify”).

Regarding claims 19-20, the combination of Meadows and Sheridan discloses receiving both login and password (see Meadows, col. 2, lines 19-21, user provides an access code, thus a password; see Sheridan, col. 18, lines 20-34) but does not specifically disclose receiving a password on a first screen and login on a second screen. However, it is a design choice if the login and password entries are on the same screen or on separate screens. As a matter of fact, it is known in the art at the time of the invention that the login is received on one screen and the password is received on another screen. Such design is evidenced by MacIntosh, Paul et al. (US 20020138581 A1) where MacIntosh discusses having the user to enter the user name on one window and then the password on a second browser window. MacIntosh points out that such

multiple steps could be time-consuming and onerous and therefore may not be the best design. Nevertheless, the examiner points to MacIntosh merely to show that the login and password on two separate pages is well known in the art.

Regarding claims 9-11, 14-16, and 21-22, the combination of Meadows and Sheridan discloses the wireless telephonic device having a display that may display various functions such as user selection from a list of contacts (see Meadows, Fig. 4a, "please select individuals to monitor", the user may select 1, 2, 3, 4 or all), data determination during location calculation(see Meadows, Fig. 4b), location information display after location is determined (see Meadows, Fig. 4c) and direction obtainment if user wants to reach the determined location (see Meadows, Fig. 5a-5c, col. 6 lines 10-23).

Conclusion

6. All claims are drawn to the same invention claimed in the application prior to the entry of the submission under 37 CFR 1.114 and could have been finally rejected on the grounds and art of record in the next Office action if they had been entered in the application prior to entry under 37 CFR 1.114. Accordingly, **THIS ACTION IS MADE FINAL** even though it is a first action after the filing of a request for continued examination and the submission under 37 CFR 1.114. See MPEP § 706.07(b). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not

mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to KATHY WANG-HURST whose telephone number is (571)270-5371. The examiner can normally be reached on Monday-Thursday, 7:30am-5pm, alternate Fridays, EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lester Kincaid can be reached on (571) 272-7922. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/KATHY WANG-HURST/
Primary Examiner, Art Unit 2646

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"11462201"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:39
S2	0	45/456.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:41
S3	4015	455/456.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:41
S4	6131	455/456.1-457.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:50
S5	1728	S4 and (access right$1) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:51
S6	62	S4 and (access same right$1) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:51
S7	5	S4 and (giv$4 same access same right$1) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:52
S8	24	S4 and (access near right$1) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:52
S9	2	(4654879|5043736).pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 16:18
S10	11	(4654879|5043736|5086390|5097416|5197092|5305201|5327144|5337334|5341410|5384824|5388147).pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 16:20
S11	128	S4 and (display near users) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:36
S12	1	S4 and (display near contacts) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:38
S13	93	S4 and (contact near (list information database)) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:39
S14	14	S4 and (display same contact near (list information database)) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:39
S15	514	S4 and (address and map) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:45
S16	372	S4 and (address and map and display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:46
S17	109	S4 and ((address and map) same display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:46
S18	94	S4 and (select near (contact subscriber user) same display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:48
S19	7	S4 and (select near (contact subscriber) same display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:51
S20	41	S4 and (address near book) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:53
S21	23	S4 and (address near book) and map and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:53
S22	20	S4 and (address near book) and map and display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:55
S23	1	"5287541".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 18:22

S24	6908	455/456.1-457.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:10
S25	832	S24 and (determin$4 acquir$4 locat$4) same (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:10
S26	151	S24 and (determin$4 acquir$4 locat$4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:11
S27	151	S24 and (determin$4 acquir$4 locat$4 synchroniz$4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:12
S28	3221	455/566.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:14
S29	25	S24 and (determin$4 acquir$4 synchroniz$4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:15
S30	42	(S28 S24) and (determining acquiring synchronizing wait$4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:22
S31	1	(S28 S24) and (during while) near (determining acquiring synchronizing wait$4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:26
S32	12	(S28 S24) and (during while) near4 (determin$4 acquiring synchronizing wait$4) near4 (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:27
S33	2941	(data location) near (acqui$5 obtain$4) near4 (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:29
S34	840	(data location) near (acqui$5 obtain$4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:30
S35	254	(data location) near (acqui$5) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:30
S36	7590	455/456.1-457.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:35
S37	421	S36 and select$4 near4 (list multiple plurality) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:35
S38	127	S36 and select$4 near4 (list multiple plurality) near8 (user input) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:36
S39	32	S36 and select$4 near4 (list multiple plurality) near8 (user input) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:36
S40	26	S36 and select$4 near4 (list multiple plurality) near4 (user contact) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:38
S41	1	S36 and select$4 near4 (contact person friend) near4 (list multiple plurality) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:40
S42	1	S36 and select$4 near4 (contact person friend people) near4 (list address multiple plurality) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:40
S43	1	S36 and (choos$4 select$4) near4 (contact person friend people) near4 (list address multiple plurality) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:41
S44	37	S36 and (choos$4 select$4) near4 (contact person friend people subscriber user) near4 (list address multiple plurality) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:42
S45	2	S36 and (choos$4 select$4) near4 (contact person friend people subscriber) near4 (list address multiple plurality) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:42
S46	304	"455"/$.ccls. and (choos$4 select$4) near4 (contact person friend people subscriber user) near4 (list address multiple plurality) same display and location and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:51
S47	56	"455"/$.ccls. and (choos$4 select$4) near4 (contact person friend people subscriber user) near4 (list address multiple plurality) same display same location and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:52
S48	1	"5950137".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:55
S49	96	((JEFFREY) near2 (MULLEN)).INV.	US-PGPUB; USPAT	OR	ON	2010/06/23 17:54
S50	1	S49 and (determin$4 same allow$4 same access same location same information same display$4).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 17:55
S51	3803	password near9 location	US-PGPUB;	OR	OFF	2011/10/24

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			14:34
S52	284	"455"/$.ccls. and password near9 location	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 14:34
S53	45	"455"/$.ccls. and password near9 location and @ad<="20020325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 14:35
S54	14	"455"/456.1-457.ccls. and password near9 location and @ad<="20020325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 14:36
S55	14	"455"/456.1-457.ccls. and password near9 location and @ad<"20020325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 14:36
S56	368	(gain$4 obtain$4 permi$6 allow$4 requst$4) near9 (access right$1) near9 (location position) near9 (target$4 monitor$4 third near party) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/01/08 10:08
S57	35	(gain$4 obtain$4 permi$6 allow$4 requst$4) near9 (access right$1) near9 (location position) near9 (target$4 monitor$4 third near party) same (password code PIN pass$1code) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/01/08 10:09
S58	723	(gain$4 obtain$4 permi$6 allow$4 requst$4 access$4) near9 (location position) near9 (target$4 monitor$4 third near party child friend family) same (password code PIN pass$1code) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/01/08 10:11
S59	101	(gain$4 obtain$4 permi$6 allow$4 requst$4 access$4) near9 (location position) near9 (target$4 monitor$4 third near party child friend family) same (password code PIN pass$1code) same (wireless cellular cell mobile phone telephone hand$1held) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/01/08 10:11
S60	56	(gain$4 obtain$4 permi$6 allow$4 requst$4 access$4) near9 (location position) near9 (target$4 monitor$4 third near party child friend family) same (password code PIN pass$1code) same (wireless cellular cell mobile UE) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/01/08 10:12
S61	6	(455/456.1-456.3.ccls.) and (gain$4 obtain$4 permi$6 allow$4 requst$4 access$4) near9 (location position) near9 (target$4 monitor$4 third near party child friend family) same (password code PIN pass$1code) same (wireless cellular cell mobile UE) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/01/08 10:26
S62	1	"11462201" and login	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/12 15:22
S63	223	455/456.1-457.ccls. and (login logon) same password	US-PGPUB; USPAT; USOCR	OR	ON	2013/06/12 15:30
S64	195	455/456.1-457.ccls. and (login logon) near9 password	US-PGPUB; USPAT; USOCR	OR	ON	2013/06/12 15:31
S65	63	455/456.1-457.ccls. and (login logon) near (ID name) near9 password	US-PGPUB; USPAT; USOCR	OR	ON	2013/06/12 15:33
S66	13	455/456.1-457.ccls. and (login logon) near (ID name information) near9 password near9 (screen display page)	US-PGPUB; USPAT; USOCR	OR	ON	2013/06/12 15:39
S67	3	455/456.1-457.ccls. and (login logon) near (ID name) near9 password and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/06/12 15:40
S68	2	"455"/$.ccls. and (login logon) near (ID name info information) near9 (passcode PIN code password) near9 (screen page display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/06/12 15:43
S69	1	(login logon) near (ID name info information) near9 (passcode PIN code password) near9 (next second) near (screen page display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/06/12 15:46
S70	1	(login logon) near (ID name info information) near9 (passcode PIN code password) near9 (next second) near (screen page display window) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/06/12 15:47

S71	1	(login logon) near (ID name info information) near9 (passcode PIN code password) near9 (next second follow$4) near (screen page display window) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/06/12 15:50
S72	29	(login logon) near9 (passcode PIN code password) near9 (next second follow$4) near (screen page display window) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/06/12 15:53
S73	86	(login logon) same (passcode PIN code password) near9 (next second follow$4 another) near9 (screen page display window) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/06/12 21:48
S74	14034	455/456.1-457.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2013/12/05 15:55
S75	29	S74 and (track$3 access$4 obtain$3) near9 (position location) near9 (password passcode PIN permission) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/12/05 15:55
S76	20	S74 and (track$3 access$4 obtain$3) near9 (position location) near9 (password passcode PIN) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/12/05 15:55
S77	1	(mobile phone) near9 application near9 (log$1in log$1on) same (passcode PIN code password) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/12/14 22:53
S78	24	(mobile cell cellular wireless handheld) near (terminal UE telephone PDA device phone) near9 (app program application) same (log$1in log$1on) same (passcode PIN code password) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/12/14 22:55

EAST Search History (Interference)

< This search history is empty>

12/15/2013 9:57:45 PM
C:\Users\khurst\Documents\EAST\Workspaces\11462201.wsp

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11462201	MULLEN, JEFFREY D.
	Examiner	Art Unit
	KATHY WANG-HURST	2617

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
Final	Original	02/09/2009	11/17/2009	06/23/2010	02/09/2011	01/08/2013	06/12/2013	12/15/2013		
	1	-	-	-	-	-	-	-		
	2	-	-	-	-	-	-	-		
	3	✓	✓	✓	✓	✓	✓	✓		
	4	✓	✓	✓	✓	✓	✓	✓		
	5	✓	✓	✓	✓	✓	✓	✓		
	6	✓	✓	✓	✓	✓	✓	✓		
	7	✓	✓	✓	✓	✓	✓	✓		
	8	✓	✓	✓	✓	✓	✓	✓		
	9		✓	✓	✓	✓	✓	✓		
	10		✓	✓	✓	✓	✓	✓		
	11		✓	✓	✓	✓	✓	✓		
	12		✓	✓	✓	✓	✓	✓		
	13		✓	✓	✓	✓	✓	✓		
	14		✓	✓	✓	✓	✓	✓		
	15		✓	✓	✓	✓	✓	✓		
	16		✓	✓	✓	✓	✓	✓		
	17		✓	✓	✓	✓	✓	✓		
	18		✓	✓	✓	✓	✓	✓		
	19		✓	✓	✓	✓	✓	✓		
	20		✓	✓	✓	✓	✓	✓		
	21		✓	✓	✓	✓	✓	✓		
	22		✓	✓	✓	✓	✓	✓		

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11462201	MULLEN, JEFFREY D.
	Examiner	Art Unit
	KATHY WANG-HURST	2617

CPC- SEARCHED		
Symbol	Date	Examiner

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
455	456.1-457	2/9/2009	kwh
455	567	11/17/2009	kwh

SEARCH NOTES		
Search Notes	Date	Examiner
class/subclass search on EAST	2/9/2009	kwh
inventor/assignee search on PALM	2/9/2009	kwh
key word/concept search on EAST	2/9/2009	kwh
updated search on EAST	11/17/2009	kwh
updated EAST search	6/23/2010	kwh
consulted primary examiner Huy Phan	6/23/2010	kwh
updated EAST search	2/9/2011	kwh
consulted Primary Examiner Kamran Afshar	2/9/2011	kwh
updated search	1/8/2013	kwh
updated EAST search	6/12/2013	kwh
updated EAST search	12/15/2013	kwh

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner

Doc code: RCEX
Doc description: Request for Continued Examination (RCE)

PTO/SB/30EFS (10-08)
Approved for use through 11/30/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL
(Submitted Only via EFS-Web)

Application Number	11462201	Filing Date	2006-08-03	Docket Number (if applicable)	JDM/002 CON3	Art Unit	2617
First Named Inventor	Jeffrey D. Mullen			Examiner Name	Kathy W Wang-Hurst		

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV

SUBMISSION REQUIRED UNDER 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

- ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____
- ☐ Other _____

☒ Enclosed

- ☒ Amendment/Reply
- ☐ Information Disclosure Statement (IDS)
- ☐ Affidavit(s)/ Declaration(s)
- ☐ Other _____

MISCELLANEOUS

☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months _____
(Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

☐ Other _____

FEES

The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.

☒ The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No 503855

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

☐ Patent Practitioner Signature

☒ Applicant Signature

PTO/SB/30EFS (10-08)
Approved for use through 11/30/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Applicant Signature			
Applicant 1		Remove	
Signature	/Jeffrey D. Mullen/	Date (YYYY-MM-DD)	2014-06-24
Name	Jeffrey D. Mullen		
Click ADD for additional Applicant Signature		Add	

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Jeffrey D. Mullen
Application No.	:	11/462,201
Confirmation No.	:	4907
Filed	:	August 3, 2006
For	:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
Group Art Unit	:	2617
Examiner	:	KATHY W WANG-HURST

Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Pittsburgh, PA 15232
June 24, 2014

REPLY TO OFFICE ACTION

Sir:

This is in response to the Office Action dated June 14, 2013. A three-month extension of time and a Request for Continued Examination is applicable hereto and is being submitted herewith. In response to the Office Action, applicant amends the application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 8 of this paper.

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-2. (cancelled).

3. (currently amended) A method comprising:

displaying on a first wireless telephonic device a plurality of users, wherein each one of said plurality of users is associated to a different one of a plurality of wireless telephonic devices;

receiving on said first wireless telephonic device a first manual input in the form of a selection of one of said plurality of users;

receiving on said first wireless telephonic device an input in the form of a login and a second manual input in the form of a password;

determining whether to allow access of location information for said one of said plurality of wireless telephonic devices associated to said selected one of said plurality of users, wherein said determination includes identifying said user of said first wireless telephonic device from said plurality of users using said login and determining said password is associated with said login and determining whether said selected one of said plurality of users has provided access rights for said location information to said user of said first wireless telephonic device;

transmitting said location information from a server to said first wireless telephonic device; and

displaying said location information on said first wireless device.

4. (previously presented) The method of claim 3, wherein a positioning system is utilized to provide said location information.

5. (currently amended) A method comprising:

displaying on a wireless device a first name associated to a first wireless telephonic device and a second name associated to a second wireless telephonic device;

accepting a selection of said first name on said wireless device;

receiving manual input entered into said wireless device that includes a login and a password;

determining whether to transmit location information associated to said first wireless telephonic device from a server to said wireless device, wherein said determining includes performing an identification process based, at least in part, on said manual input to identify the user of said wireless device and determining whether said first wireless telephonic device has provided access rights for said location information for said identified user and said server is located remotely from said wireless device, said first wireless telephonic device, and said second wireless telephonic device;

transmitting said location information to said wireless device based on said determination; and

displaying said location information on said wireless device.

6. (previously presented) The method of claim 5, wherein a positioning system is utilized to provide said location information.

7. (currently amended) A method comprising:

accepting on a first wireless device a manual selection representative of a second wireless device from a list representative of a plurality of wireless devices;

locating said second wireless device;

determining on a server whether said second wireless device has provided permission for said first wireless device to locate said second wireless device based, at least in part, on the identification of a login, that identifies the user of said first wireless device from a plurality of users, and password received by said first wireless device that is associated with said login and determining whether said user is associated with said permission;

providing location information to said first wireless device based on said determination; and

displaying a map on said first wireless device with a marker representative of the location of said second wireless device.

8. (previously presented) The method of claim 7, wherein a positioning system is utilized to provide said location information.

9. (previously presented) The method of claim 3, wherein said selection occurs on a first display screen and a second display screen is provided on said first wireless telephonic device during said determination.

10. (previously presented) The method of claim 3, wherein said selection occurs on a first display screen, a second display screen is provided on said first wireless telephonic device during said determination, and

a third display screen is provided on said first wireless device after said location information is transmitted to said first wireless telephonic device.

11. (previously presented) The method of claim 3, wherein said selection occurs on a first display screen, a second display screen is provided on said first wireless telephonic device during said determination, a third display screen is provided on said first wireless device after said location information is transmitted to said first wireless telephonic device, and a fourth display screen is provided that includes an option to obtain directions from said first wireless telephonic device to said one of said plurality of wireless telephonic devices associated to said selected one of said plurality of users.

12. (previously presented) The method of claim 3, further comprising receiving a third manual input, wherein said first wireless telephonic device assigned location access rights to said one of said plurality of wireless telephonic devices associated with said selected one of said plurality of users for obtaining a location of said first wireless telephonic device and said third manual input modifies said location access rights.

13. (previously presented) The method of claim 3, wherein a triangulation process is utilized to provide said location information.

14. (previously presented) The method of claim 5, wherein said selection occurs on a first display screen and a second display screen is provided on said wireless device during said determination.

15. (previously presented) The method of claim 5, wherein said selection occurs on a first display screen, a second display screen is provided on said wireless device during said determination, and a third display screen is provided on said wireless device after said location information is transmitted to said wireless device.

16. (previously presented) The method of claim 5, wherein said selection occurs on a first display screen, a second display screen is provided on said wireless device during said determination, a third display screen is provided on said wireless device after said location information is transmitted to said wireless device, and a fourth display screen is provided that includes an option to obtain directions from said wireless telephonic device to said first wireless telephonic device.

17. (previously presented) The method of claim 5, further comprising receiving a third manual input, wherein said wireless device assigned location access rights to said first wireless telephonic device for obtaining a location of said wireless device and said third manual input modifies said location access rights.

18. (previously presented) The method of claim 5, further comprising receiving a third manual input, wherein said wireless device assigned location access rights to said first wireless telephonic device for obtaining a location of said wireless device, said third manual input modifies said location access rights, and

determining a travel time between said wireless device and said first wireless telephonic device.

19. (previously presented) The method of claim 7, wherein said password is received on a first display screen.

20. (previously presented) The method of claim 7, wherein said password is received on a first display screen and said login is received on a second display screen.

21. (previously presented) The method of claim 7, wherein said manual selection occurs on a first display screen and a second display screen is provided on said first wireless device during said determination.

22. (previously presented) The method of claim 7, wherein said manual selection occurs on a first display screen, a second display screen is provided on said first wireless device during said determination, and a third display screen is provided on said first wireless device after said location information is transmitted to said first wireless device.

REMARKS/ARGUMENTS

Summary of Office Action

Claims 3-8 are pending.

Claims 3-22 were rejected under 35 U.S.C. 102(e) as being anticipated by Meadows et al. U.S. Patent No. 6,716,101 (hereinafter "Meadows") in view of Sheridan Joseph Allen U.S. Patent No. 6,725,032 (hereinafter "Allen").

Summary of Applicant's Amendments

Applicant has amended claims 3, 5, and 7 without prejudice and solely in order to expedite prosecution.

Applicant respectfully traverses the Examiner's rejections. Applicant reserves the right to file any number of continuation or divisional claims directed to any of the subject matter contained in applicant's specification.

Applicant's Reply to the 102(e) Rejections

Claims 3-22 were rejected under 35 U.S.C. 103(a) as being anticipated by Meadows in view of Allen.

Claim 3

Applicant previously amended claim 3 without prejudice and solely in order to expedite prosecution.

Meadows generally alleges two access code configurations.

In the first Meadows configuration, the user enters the access code associated with the third-party telephone the user desires location information for. Different access codes are needed to access location information for different telephones. *See* Meadows, col. 2, lines 16-58. Thus, Meadows does not show or suggest

applicant's claim 3 of entering a login and password into the user's device to identify the user. This Meadows configuration requires 10 access codes if the user wants to access the location of 10 different telephones. Allen does not address this deficiency.

In the second Meadows configuration, a user (a parent or dispatcher) allegedly enters a single access code and is able to monitor any person on the user's list (a child or taxicab). Applicant's claim 3 not only includes a login to identify from a plurality of users and a password – but also provides that the selected user has provided access rights to the identified user. The Meadows configuration does not permit dependent users (e.g., children) to provide any access rights. Allen does not address this deficiency.

Accordingly, neither Meadows now Allen, used either alone or in combination, show or suggest applicant's claim 3. In light of the foregoing, applicant respectfully requests that the Examiner's rejection of claim 3, and any claim dependent therefrom, is patentable.

Claims 5

As shown above, claim 3 is patentable. Claim 5 includes patentable features similar to patentable features of claim 3. Accordingly, applicant respectfully submits that claim 5 is patentable.

In light of the foregoing, applicant respectfully requests that the Examiner's rejections of claim 5, and any claims dependent therefrom, be withdrawn.

Claims 7

As shown above, claim 3 is patentable. Claim 7 includes patentable features similar to patentable

features of claim 3. Accordingly, applicant respectfully submits that claim 7 is patentable.

In light of the foregoing, applicant respectfully requests that the Examiner's rejections of claim 7, and any claims dependent therefrom, be withdrawn.

The Dependent Claims

Claims 9-11, 13-16, and 21-22 were rejected under 35 U.S.C. 103(a) as being anticipated over Meadows. As shown above, claims 3, 5, and 7 are patentable. Claims 9-11, 13-16, and 21-22 depend fro mone of claims 3, 5, and 7. Accordingly, 9-11, 13-16, and 21-22 are patentable for depending from a patentable base claim.

Conclusion

Applicant respectfully submits that this application, including the pending claims, is in condition for allowance.

Reconsideration and prompt allowance of this application are respectfully requested.

The Director is hereby authorized to charge and fees due in conjunction with this filing, or to credit any overpayment of the same, to Deposit Account No. 50-3855.

Respectfully Submitted,

/Jeffrey D. Mullen/
Jeffrey D. Mullen
Applicant (Reg. No. 52,056)
Customer No. 32733
1310 Riverfront Drive
Pittsburgh, PA 15238
Tel.: (914) 837-7741

Electronic Patent Application Fee Transmittal

Application Number:	11462201
Filing Date:	03-Aug-2006
Title of Invention:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
First Named Inventor/Applicant Name:	Jeffrey D. Mullen
Filer:	Jeffrey David Mullen
Attorney Docket Number:	JDM/002 CON3

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Extension - 3 months with $0 paid	2253	1	700	700

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
RCE - 2nd and Subsequent Request	2820	1	850	850
		Total in USD ($)		**1550**

Electronic Acknowledgement Receipt	
EFS ID:	19400607
Application Number:	11462201
International Application Number:	
Confirmation Number:	4907
Title of Invention:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
First Named Inventor/Applicant Name:	Jeffrey D. Mullen
Customer Number:	32733
Filer:	Jeffrey David Mullen
Filer Authorized By:	
Attorney Docket Number:	JDM/002 CON3
Receipt Date:	24-JUN-2014
Filing Date:	03-AUG-2006
Time Stamp:	19:14:39
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	$1550
RAM confirmation Number	6027
Deposit Account	503855
Authorized User	
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 (National application filing, search, and examination fees) Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)	

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)	
Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for Continued Examination (RCE)	JDM-002CON3--RCE.pdf	697796 9247ae8887b140a23a10f3a2985d8f12c7405625	no	3
Warnings:					
Information:					
2		JDM-002CON3-Reply.pdf	129958 9898b8cf3a1b8e304366939dfe0504da7449eca0	yes	10

Multipart Description/PDF files in .zip description

Document Description	Start	End
Amendment/Req. Reconsideration-After Non-Final Reject	1	1
Claims	2	7
Applicant Arguments/Remarks Made in an Amendment	8	10

Warnings:					
Information:					
3	Fee Worksheet (SB06)	fee-info.pdf	32214 eda55bc0baed0fe14897ec3a5a2602c8bfb7caf9	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	859968		

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.

PTO/SB/06 (09-11)
Approved for use through 1/31/2014. OMB 0651-0032
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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 11/462,201	Filing Date 08/03/2006	☐ To be Mailed

ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO

APPLICATION AS FILED – PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	

APPLICATION AS AMENDED – PART II

AMENDMENT	06/24/2014	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 19	Minus	** 20	=	X $ =	
	Independent (37 CFR 1.16(h))	* 3	Minus	***3	=	X $ =	
	☐ Application Size Fee (37 CFR 1.16(s))						
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
						TOTAL ADD'L FEE	

AMENDMENT		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =	
	☐ Application Size Fee (37 CFR 1.16(s))						
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
						TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

LIE
/JACQUELINE WEIR/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**
If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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P.O. Box 1450
Alexandria, Virginia 22313-1450
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NOTICE OF ALLOWANCE AND FEE(S) DUE

32733 7590 09/23/2014

JEFFREY D. MULLEN
1310 Riverfront Drive
PITTSBURGH, PA 15238

EXAMINER
WANG-HURST, KATHY W

ART UNIT	PAPER NUMBER
2646	

DATE MAILED: 09/23/2014

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/462,201	08/03/2006	Jeffrey D. Mullen	JDM/002 CON3	4907

TITLE OF INVENTION: SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	$480	$0	$0	$480	12/23/2014

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail **Mail Stop ISSUE FEE**
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

32733 7590 09/23/2014
JEFFREY D. MULLEN
1310 Riverfront Drive
PITTSBURGH, PA 15238

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission
I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/462,201	08/03/2006	Jeffrey D. Mullen	JDM/002 CON3	4907

TITLE OF INVENTION: SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	$480	$0	$0	$480	12/23/2014

EXAMINER	ART UNIT	CLASS-SUBCLASS
WANG-HURST, KATHY W	2646	455-456100

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
- ❑ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ❑ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list
(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.
1 _____
2 _____
3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ❑ Individual ❑ Corporation or other private group entity ❑ Government

4a. The following fee(s) are submitted:
- ❑ Issue Fee
- ❑ Publication Fee (No small entity discount permitted)
- ❑ Advance Order - # of Copies _____

4b. Payment of Fee(s): (**Please first reapply any previously paid issue fee shown above**)
- ❑ A check is enclosed.
- ❑ Payment by credit card. Form PTO-2038 is attached.
- ❑ The Director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)
- ❑ Applicant certifying micro entity status. See 37 CFR 1.29
  NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.
- ❑ Applicant asserting small entity status. See 37 CFR 1.27
  NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.
- ❑ Applicant changing to regular undiscounted fee status.
  NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____

PTOL-85 Part B (10-13) Approved for use through 10/31/2013. OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/462,201	08/03/2006	Jeffrey D. Mullen	JDM/002 CON3	4907

32733 7590 09/23/2014

JEFFREY D. MULLEN
1310 Riverfront Drive
PITTSBURGH, PA 15238

EXAMINER	
WANG-HURST, KATHY W	
ART UNIT	PAPER NUMBER
2646	

DATE MAILED: 09/23/2014

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability	Application No. 11/462,201	Applicant(s) MULLEN, JEFFREY D.	
	Examiner KATHY WANG-HURST	Art Unit 2646	AIA (First Inventor to File) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *RCE filed on 06/24/2014*.
   ☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on_____.
2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
3. ☒ The allowed claim(s) is/are *3-22*. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov .
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

   Certified copies:

   a) ☐ All b) ☐ Some *c) ☐ None of the:
   1. ☐ Certified copies of the priority documents have been received.
   2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
   3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

   Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
4. ☒ Interview Summary (PTO-413), Paper No./Mail Date *9/19/2014* .
5. ☒ Examiner's Amendment/Comment
6. ☒ Examiner's Statement of Reasons for Allowance
7. ☐ Other _____.

/KATHY WANG-HURST/
Primary Examiner, Art Unit 2646

DETAILED ACTION

1. The present application is being examined under the pre-AIA first to invent provisions.

Continued Examination Under 37 CFR 1.114

2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 06/24/2014 has been entered.

EXAMINER'S AMENDMENT

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Jeffery Mullen (Reg. No. 52056) on 9/19/2014.

The claims have been amended as follows:

3 (Currently Amended). A method comprising:

displaying on a first wireless telephonic device a plurality of users, wherein each one of said plurality of users is associated to a different one of a plurality of wireless telephonic devices;

receiving on said first wireless telephonic device a first manual input in the form of a selection of one of said plurality of users;

receiving on said first wireless telephonic device an input in the form of a login and a second manual input in the form of a password;

determining whether to allow access of location information for said one of said plurality of wireless telephonic devices associated to said selected one of said plurality of users, wherein said determination includes identifying said user of said first wireless telephonic device from said plurality of users using said login and determining said password is associated with said login and determining whether said selected one of said plurality of users has provided access rights for said location information to said user of said first wireless telephonic device, and said first wireless telephonic device is operable to assign location access rights to said one of said plurality of wireless telephonic devices associated with said selected one of said plurality of users for obtaining a location of said first wireless telephonic device;

transmitting said location information from a server to said first wireless telephonic device; and

displaying said location information on said first wireless device.

5 (Currently Amended). A method comprising:

displaying on a wireless device a first name associated to a first wireless telephonic device and a second name associated to a second wireless telephonic device;

accepting a selection of said first name on said wireless device;

receiving manual input entered into said wireless device that includes a login and a password;

determining whether to transmit location information associated to said first wireless telephonic device from a server to said wireless device, wherein said determining includes performing an identification process based, at least in part, on said manual input to identify the user of said wireless device and determining whether said first wireless telephonic device has provided access rights for said location information for said identified user and said server is located remotely from said wireless device, said first wireless telephonic device, and said second wireless telephonic device, and said wireless device is operable to assign location access rights to said first wireless telephonic device for obtaining a location of said wireless device;

transmitting said location information to said wireless device based on said determination; and

displaying said location information on said wireless device.

7 (Currently Amended). A method comprising:

accepting on a first wireless device a manual selection representative of a second wireless device from a list representative of a plurality of wireless devices;

locating said second wireless device;

determining on a server whether said second wireless device has provided permission for said first wireless device to locate said second wireless device based, at least in part, on the identification of a login, that identifies the user of said first wireless device from a plurality of users, and password received by said first wireless device that is associated with said login and determining whether said user is associated with said permission, and said first wireless device is operable to assign a second permission to said second wireless device for obtaining second location information of said first wireless device;

providing location information to said first wireless device based on said determination; and

displaying a map on said first wireless device with a marker representative of the location of said second wireless device.

Allowable Subject Matter

4. The following is an examiner's statement of reasons for allowance: in view of the above Examiner's Amendment, claims 3-22 are allowable as the amended independent claims 3, 5 and 7 possess a unique combination of limitations that is not sufficiently taught or suggested by the prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to KATHY WANG-HURST whose telephone number is (571)270-5371. The examiner can normally be reached on Monday-Thursday, 7:30am-5pm, alternate Fridays, EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lester Kincaid can be reached on (571) 272-7922. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/KATHY WANG-HURST/
Primary Examiner, Art Unit 2646

Examiner-Initiated Interview Summary	Application No.	Applicant(s)	
	11/462,201	MULLEN, JEFFREY D.	
	Examiner	Art Unit	
	KATHY WANG-HURST	2646	

All participants (applicant, applicant's representative, PTO personnel):

(1) *KATHY WANG-HURST*. (3)_____.

(2) *Jeffery Mullen (Reg. No. 52056)* . (4)_____.

Date of Interview: *19 September 2014*.

Type: ☒ Telephonic ☐ Video Conference
☐ Personal [copy given to: ☐ applicant ☐ applicant's representative]

Exhibit shown or demonstration conducted: ☐ Yes ☒ No.
If Yes, brief description: _____.

Issues Discussed ☐101 ☐112 ☐102 ☐103 ☒Others
(For each of the checked box(es) above, please describe below the issue and detailed description of the discussion)

Claim(s) discussed: *3,5 and 7*.

Identification of prior art discussed: _____.

Substance of Interview
(For each issue discussed, provide a detailed description and indicate if agreement was reached. Some topics may include: identification or clarification of a reference or a portion thereof, claim interpretation, proposed amendments, arguments of any applied references etc...)

Discussed with applicant to amend all independent claims to add limitations such that that reflect that there is a mutual assignment of access rights to gain locatiion information of wireless devices. The agreement was reached.

Applicant recordation instructions: It is not necessary for applicant to provide a separate record of the substance of interview.

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

☐ Attachment

/KATHY WANG-HURST/ Primary Examiner, Art Unit 2646	

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11462201	MULLEN, JEFFREY D.
	Examiner	Art Unit
	KATHY WANG-HURST	2617

CPC- SEARCHED		
Symbol	Date	Examiner
H04W64/00 OR H04W8/16 OR H04W12/08 OR H04W4/02 OR H04W12/06 OR H04W8/10 OR G01S5/06 OR G01S19/17 OR H04L67/18	9/21/2014	kwh

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
455	456.1-457	2/9/2009	kwh
455	567	11/17/2009	kwh

SEARCH NOTES		
Search Notes	Date	Examiner
class/subclass search on EAST	2/9/2009	kwh
inventor/assignee search on PALM	2/9/2009	kwh
key word/concept search on EAST	2/9/2009	kwh
updated search on EAST	11/17/2009	kwh
updated EAST search	6/23/2010	kwh
consulted primary examiner Huy Phan	6/23/2010	kwh
updated EAST search	2/9/2011	kwh
consulted Primary Examiner Kamran Afshar	2/9/2011	kwh
updated search	1/8/2013	kwh
updated EAST search	6/12/2013	kwh
updated EAST search	12/15/2013	kwh
upated EAST search	9/21/2014	kwh

INTERFERENCE SEARCH	

US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner
	PGPub Text Search. See Interference Search Printout	9/21/2014	kwh

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	((wireless mobile cell$4) same (log$1in log$1on) same (pass$1word pass$1code code PIN ID) same (access$3 permi$6 allow$4) same (location position) same (mutual$3 each near other) same display$4).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2014/09/21 21:30
L2	18	((wireless mobile cell$4) same (log$1in log$1on) same (pass$1word pass$1code code PIN ID) same (access$3 permi$6 allow$4) same (location position) same display$4).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2014/09/21 21:31
L3	7	((wireless mobile cell$4) same (log$1in log$1on) same (pass$1word pass$1code code PIN ID) same (access$3 permi$6 allow$4) near9 (location position) same display$4).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2014/09/21 21:32
L4	0	((wireless mobile cell$4) same (log$1in log$1on) same (pass$1word pass$1code code PIN ID) same (access$3 permi$6 allow$4 agree$4) near9 (location position) same (first second) same display$4).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2014/09/21 21:34
L7	16308	455/456.1-457.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2014/09/21 22:07
L8	11	L7 and ((grant$4 permi$5 deny$4) near9 access near9 (location position) near information) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2014/09/21 22:07
L9	8	8 AND ((H04W64/00 OR H04W8/16 OR H04W12/08 OR H04W4/02 OR H04W12/06 OR H04W8/10 OR G01S5/06 OR G01S19/17 OR H04L67/18).CPC.)	US-PGPUB; USPAT; USOCR	OR	ON	2014/09/21 22:09
S1	1	"11462201"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:39
S2	0	45/456.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:41
S3	4015	455/456.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:41
S4	6131	455/456.1-457.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:50
S5	1728	S4 and (access right$1) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:51
S6	62	S4 and (access same right$1) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:51
S7	5	S4 and (giv$4 same access same right$1) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:52
S8	24	S4 and (access near right$1) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 15:52
S9	2	(4654879|5043736).pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 16:18
S10	11	(4654879|5043736|5086390|5097416|5197092|5305201|5327144|5337334|5341410|5384824|5388147).pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 16:20
S11	128	S4 and (display near users) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:36
S12	1	S4 and (display near contacts) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:38
S13	93	S4 and (contact near (list information database)) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:39
S14	14	S4 and (display same contact near (list information database)) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:39
S15	514	S4 and (address and map) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:45
S16	372	S4 and (address and map and display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:46

S17	109	S4 and ((address and map) same display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:46
S18	94	S4 and (select near (contact subscriber user) same display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:48
S19	7	S4 and (select near (contact subscriber) same display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:51
S20	41	S4 and (address near book) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:53
S21	23	S4 and (address near book) and map and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:53
S22	20	S4 and (address near book) and map and display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 17:55
S23	1	"5287541".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 18:22
S24	6908	455/456.1-457.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:10
S25	832	S24 and (determin$4 acquir$4 locat$4) same (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:10
S26	151	S24 and (determin$4 acquir$4 locat$4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:11
S27	151	S24 and (determin$4 acquir$4 locat$4 synchroniz$4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:12
S28	3221	455/566.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:14
S29	25	S24 and (determin$4 acquir$4 synchroniz$4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:15
S30	42	(S28 S24) and (determining acquiring synchronizing wait$4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:22
S31	1	(S28 S24) and (during while) near (determining acquiring synchronizing wait$4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:26
S32	12	(S28 S24) and (during while) near4 (determin$4 acquiring synchronizing wait$4) near4 (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:27
S33	2941	(data location) near (acqui$5 obtain$4) near4 (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:29
S34	840	(data location) near (acqui$5 obtain$4) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:30
S35	254	(data location) near (acqui$5) near (screen display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:30
S36	7590	455/456.1-457.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:35
S37	421	S36 and select$4 near4 (list multiple plurality) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:35
S38	127	S36 and select$4 near4 (list multiple plurality) near8 (user input) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:36
S39	32	S36 and select$4 near4 (list multiple plurality) near8 (user input) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:36
S40	26	S36 and select$4 near4 (list multiple plurality) near4 (user contact) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:38
S41	1	S36 and select$4 near4 (contact person friend) near4 (list multiple plurality) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:40
S42	1	S36 and select$4 near4 (contact person friend people) near4 (list address multiple plurality) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:40
S43	1	S36 and (choos$4 select$4) near4 (contact person friend people) near4 (list address multiple plurality) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:41

S44	37	S36 and (choos$4 select$4) near4 (contact person friend people subscriber user) near4 (list address multiple plurality) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:42
S45	2	S36 and (choos$4 select$4) near4 (contact person friend people subscriber) near4 (list address multiple plurality) same display and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:42
S46	304	"455"/$.ccls. and (choos$4 select$4) near4 (contact person friend people subscriber user) near4 (list address multiple plurality) same display and location and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:51
S47	56	"455"/$.ccls. and (choos$4 select$4) near4 (contact person friend people subscriber user) near4 (list address multiple plurality) same display same location and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:52
S48	1	"5950137".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 15:55
S49	96	((JEFFREY) near2 (MULLEN)).INV.	US-PGPUB; USPAT	OR	ON	2010/06/23 17:54
S50	1	S49 and (determin$4 same allow$4 same access same location same information same display$4).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/23 17:55
S51	3803	password near9 location	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 14:34
S52	284	"455"/$.ccls. and password near9 location	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 14:34
S53	45	"455"/$.ccls. and password near9 location and @ad<="20020325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 14:35
S54	14	"455"/456.1-457.ccls. and password near9 location and @ad<="20020325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 14:36
S55	14	"455"/456.1-457.ccls. and password near9 location and @ad<"20020325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 14:36
S56	368	(gain$4 obtain$4 permi$6 allow$4 requst$4) near9 (access right$1) near9 (location position) near9 (target$4 monitor$4 third near party) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/01/08 10:08
S57	35	(gain$4 obtain$4 permi$6 allow$4 requst$4) near9 (access right$1) near9 (location position) near9 (target$4 monitor$4 third near party) same (password code PIN pass$1code) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/01/08 10:09
S58	723	(gain$4 obtain$4 permi$6 allow$4 requst$4 access$4) near9 (location position) near9 (target$4 monitor$4 third near party child friend family) same (password code PIN pass$1code) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/01/08 10:11
S59	101	(gain$4 obtain$4 permi$6 allow$4 requst$4 access$4) near9 (location position) near9 (target$4 monitor$4 third near party child friend family) same (password code PIN pass$1code) same (wireless cellular cell mobile phone telephone hand$1held) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/01/08 10:11
S60	56	(gain$4 obtain$4 permi$6 allow$4 requst$4 access$4) near9 (location position) near9 (target$4 monitor$4 third near party child friend family) same (password code PIN pass$1code) same (wireless cellular cell mobile UE) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/01/08 10:12
S61	6	(455/456.1-456.3.ccls.) and (gain$4 obtain$4 permi$6 allow$4 requst$4 access$4) near9 (location position) near9 (target$4 monitor$4 third near party child friend family) same (password code PIN pass$1code) same (wireless cellular cell mobile UE) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/01/08 10:26
S62	1	"11462201" and login	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/12 15:22
S63	223	455/456.1-457.ccls. and (login logon) same password	US-PGPUB; USPAT; USOCR	OR	ON	2013/06/12 15:30

S64	195	455/456.1-457.ccls. and (login logon) near9 password	US-PGPUB; USPAT; USOCR	OR	ON	2013/06/12 15:31
S65	63	455/456.1-457.ccls. and (login logon) near (ID name) near9 password	US-PGPUB; USPAT; USOCR	OR	ON	2013/06/12 15:33
S66	13	455/456.1-457.ccls. and (login logon) near (ID name information) near9 password near9 (screen display page)	US-PGPUB; USPAT; USOCR	OR	ON	2013/06/12 15:39
S67	3	455/456.1-457.ccls. and (login logon) near (ID name) near9 password and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/06/12 15:40
S68	2	"455"/$.ccls. and (login logon) near (ID name info information) near9 (passcode PIN code password) near9 (screen page display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/06/12 15:43
S69	1	(login logon) near (ID name info information) near9 (passcode PIN code password) near9 (next second) near (screen page display) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/06/12 15:46
S70	1	(login logon) near (ID name info information) near9 (passcode PIN code password) near9 (next second) near (screen page display window) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/06/12 15:47
S71	1	(login logon) near (ID name info information) near9 (passcode PIN code password) near9 (next second follow$4) near (screen page display window) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/06/12 15:50
S72	29	(login logon) near9 (passcode PIN code password) near9 (next second follow$4) near (screen page display window) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/06/12 15:53
S73	86	(login logon) same (passcode PIN code password) near9 (next second follow$4 another) near9 (screen page display window) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/06/12 21:48
S74	14034	455/456.1-457.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2013/12/05 15:55
S75	29	S74 and (track$3 access$4 obtain$3) near9 (position location) near9 (password passcode PIN permission) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/12/05 15:55
S76	20	S74 and (track$3 access$4 obtain$3) near9 (position location) near9 (password passcode PIN) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/12/05 15:55
S77	1	(mobile phone) near9 application near9 (log$1in log$1on) same (passcode PIN code password) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/12/14 22:53
S78	24	(mobile cell cellular wireless handheld) near (terminal UE telephone PDA device phone) near9 (app program application) same (log$1in log$1on) same (passcode PIN code password) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2013/12/14 22:55
S79	1	"11462201"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/12 12:59
S80	16203	455/456.1-457.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2014/09/12 13:03
S81	4	S80 and ((grant$4 deny$4) near9 access near9 (location position) near information) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2014/09/12 13:03
S83	0	S80 and ((grant$4 permi$5 deny$4) near9 access near9 (location position) near information same (level proximit$3 state countr$4)) and @ad<="20020325"	US-PGPUB; USPAT; USOCR	OR	ON	2014/09/12 13:05

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	8	((wireless mobile cell$4) same (log$1in log$1on) same (pass$1word pass$1code code PIN ID) same (access$3 permi$6 allow$4) near9 (location position) same display$4).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2014/09/21 21:39
L6	0	((wireless mobile cell$4) same (log$1in log$1on) same (pass$1word pass$1code code PIN ID) same (access$3 permi$6 allow$4) near9 (location position) same (first second mutual$4 each near other) same display$4).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2014/09/21 21:40

9/21/2014 10:11:47 PM
C:\Users\khurst\Documents\EAST\Workspaces\11462201.wsp

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BIB DATA SHEET

CONFIRMATION NO. 4907

SERIAL NUMBER	FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
11/462,201	08/03/2006 RULE	455	2646	JDM/002 CON3

APPLICANTS

INVENTORS

Jeffrey D. Mullen, New York, NY;

**** CONTINUING DATA ***************************

This application is a CON of 10/400,296 03/25/2003
which claims benefit of 60/367,967 03/25/2002

**** FOREIGN APPLICATIONS ***************************

**** IF REQUIRED, FOREIGN FILING LICENSE GRANTED **** ** SMALL ENTITY **
08/17/2006

Foreign Priority claimed ☐ Yes ☑ No 35 USC 119(a-d) conditions met ☐ Yes ☑ No Verified and Acknowledged /KATHY W WANG-HURST/ Examiner's Signature	☐ Met after Allowance Initials	STATE OR COUNTRY	SHEETS DRAWINGS	TOTAL CLAIMS	INDEPENDENT CLAIMS
		NY	17	6	3

ADDRESS

JEFFREY D. MULLEN
1310 Riverfront Drive
PITTSBURGH, PA 15238
UNITED STATES

TITLE

SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME

FILING FEE RECEIVED		
425	FEES: Authority has been given in Paper No._____ to charge/credit DEPOSIT ACCOUNT No._____ for following:	☐ All Fees ☐ 1.16 Fees (Filing) ☐ 1.17 Fees (Processing Ext. of time) ☐ 1.18 Fees (Issue) ☐ Other _____ ☐ Credit

BIB (Rev. 05/07).

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11462201	MULLEN, JEFFREY D.
	Examiner	**Art Unit**
	KATHY WANG-HURST	2646

CPC						
Symbol					**Type**	**Version**
H04W		8	/	14	F	2013-01-01
H04W		64	/	00	I	2013-01-01
H04W		8	/	16	A	2013-01-01
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CPC Combination Sets							
Symbol					**Type**	**Set**	**Ranking**	**Version**
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			/					

NONE		**Total Claims Allowed:**	
(Assistant Examiner)	(Date)	20	
/KATHY WANG-HURST/ Primary Examiner.Art Unit 2646	9/21/2014	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	3	17

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11462201	MULLEN, JEFFREY D.
	Examiner	**Art Unit**
	KATHY WANG-HURST	2646

US ORIGINAL CLASSIFICATION		INTERNATIONAL CLASSIFICATION										
CLASS	SUBCLASS	CLAIMED					NON-CLAIMED					
455	456.1	H	0	4	W	24 / 00 (2009.01.01)						

CROSS REFERENCE(S)					
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				
455	456.2	456.3	457		

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	20	
/KATHY WANG-HURST/ Primary Examiner.Art Unit 2646	9/21/2014	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	3	17

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11462201	MULLEN, JEFFREY D.
	Examiner	**Art Unit**
	KATHY WANG-HURST	2646

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
	1	15	17												
	2	16	18												
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NONE (Assistant Examiner)	(Date)	**Total Claims Allowed:** 20	
/KATHY WANG-HURST/ Primary Examiner.Art Unit 2646 (Primary Examiner)	9/21/2014 (Date)	O.G. Print Claim(s) 3	O.G. Print Figure 17

U.S. Patent and Trademark Office Part of Paper No. 20140921

Substitute for form 1449A/PTO				***Complete if known***	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				**Application Number**	11/462,201
				Filing Date	August 3, 2006
				First Named Inventor	Jeffrey D. Mullen
				Art Unit	~~2614~~ 2642
(use as many sheets as necessary)				**Examiner Name**	~~Not Yet Assigned~~
Sheet	1	of	7	**Attorney Docket Number**	JDM/002 CON3

U.S. PATENT DOCUMENTS					
Examiner initials*	Cite No.[1]	Document Number Number – Kind Code[2] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		5,043,736	08/27/1991	Darnell et. al	
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Examiner Signature	/Rafael Pérez-Gutiérrez/	Date Considered	12/1/2014

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				Application Number	11/462,201
				Filing Date	August 3, 2006
				First Named Inventor	Jeffrey D. Mullen
				Art Unit	~~2614~~ 2642
				Examiner Name	~~Not Yet Assigned~~
Sheet	2	of	7	**Attorney Docket Number**	JDM/002 CON3

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				Application Number	11/462,201
				Filing Date	August 3, 2006
				First Named Inventor	Jeffrey D. Mullen
				Art Unit	~~2614~~ 2642
				Examiner Name	~~Not Yet Assigned~~
Sheet	3	of	7	**Attorney Docket Number**	JDM/002 CON3

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				Filing Date	August 3, 2006
				First Named Inventor	Jeffrey D. Mullen
				Art Unit	~~2614~~ 2642
(use as many sheets as necessary)				**Examiner Name**	~~Not Yet Assigned~~
Sheet	4	of	7	**Attorney Docket Number**	JDM/002 CON3

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				First Named Inventor	Jeffrey D. Mullen
				Art Unit	~~2614~~ 2642
(use as many sheets as necessary)				**Examiner Name**	~~Not Yet Assigned~~
Sheet	5	of	7	**Attorney Docket Number**	JDM/002 CON3

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Examiner initials*	Cite No.[1]	Foreign Patent Document Country Code[3] - Number[4] - Kind Code[5] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
		WO 99/007170	02-11-1999	Nokia Telecommunications		
		WO 99/009775	02-25-1999	Nokia Telecommunications		
		WO 99/051051	03-31-1999	Nokia Telecommunications		
		WO 00/028760	05-18-2000	Nokia Networks		
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		WO 00/038350	06-29-2000	Nokia Networks		
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		WO 01/086880	11-15-2001	Nokia Networks		
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		WO 02/003718	01-10-2002	Nokia Networks		

NON PATENT LITERATURE DOCUMENTS

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		ETSI TS 101 513. "Digital Cellular Telecommunications System (Phase 2): Location Services (LCS)," GSM 12.71, version 8.0.1. 1999.	

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				Art Unit	~~2614~~ 2642
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Sheet	7	of	7	**Attorney Docket Number**	JDM/002 CON3

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		ETSI TS 101 527 "Digital Cellular Telecommunications System (Phase 2+): Location Services (LCS): Mobile Station (MS): Serving Mobile Location Centre (SMLC)," Radio Resource LCS Protocol (RRLP), GSM 04.31, version 8.1.0. 1999.	

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/462,201	08/03/2006	Jeffrey D. Mullen	JDM/002 CON3	4907

32733 7590 12/03/2014

JEFFREY D. MULLEN
2212 Hassinger Lane
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EXAMINER	
PEREZ GUTIERREZ, RAFAEL	

ART UNIT	PAPER NUMBER
2642	

MAIL DATE	DELIVERY MODE
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APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
11/462,201	03 August, 2006	MULLEN, JEFFREY D.	JDM/002 CON3

		EXAMINER	
JEFFREY D. MULLEN 2212 Hassinger Lane Glenshaw, PA 15116		Rafael Pérez-Gutiérrez	
		ART UNIT	PAPER
		2642	20141201

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner for Patents

The information disclosure statement (IDS) filed on October 17, 2006 has been considered by the Examiner.

/Rafael Pérez-Gutiérrez/
Supervisory Patent Examiner, Art Unit 2642

PTO-90C (Rev.04-03)

PTO/SB/30EFS (10-08)
Approved for use through 11/30/2008. OMB 0651-0031
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REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL
(Submitted Only via EFS-Web)

Application Number	11462201	Filing Date	2006-08-03	Docket Number (if applicable)	JDM/002 CON3	Art Unit	2646
First Named Inventor	Jeffrey D. Mullen			Examiner Name	Kathy W. Wang-Hurst		

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV

SUBMISSION REQUIRED UNDER 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

- ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____
- ☐ Other _____

☒ Enclosed

- ☐ Amendment/Reply
- ☒ Information Disclosure Statement (IDS)
- ☐ Affidavit(s)/ Declaration(s)
- ☐ Other _____

MISCELLANEOUS

☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months _____
(Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

☐ Other _____

FEES

☒ **The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.**
The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No 503855

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

☐ Patent Practitioner Signature

☒ Applicant Signature

PTO/SB/30EFS (10-08)
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Applicant Signature			
Applicant 1		Remove	
Signature	/Jeffrey D. Mullen/	Date (YYYY-MM-DD)	2014-12-23
Name	Jeffrey D. Mullen		
Click ADD for additional Applicant Signature		Add	

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

JDM/002 CON3

DECLARATION

I, Jeffrey D. Mullen, declare that I am a citizen of the United States and that I reside in Glenshaw, Pennsylvania; and have a post office address at 2212 Hassinger Lane, Glenshaw, Pennsylvania 15116;

that I verily believe myself to be the original and first inventor of the invention or discovery in:

SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME

the application, including specification, of which was filed on August 3, 2006, as U.S. Application No. 11/462,201;

that the above-identified application was made or authorized to be made by me;

that I have reviewed and do understand the content of said application, including the claims, and acknowledge my duty to disclose to the United States Patent and Trademark Office information known by me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56;

that I do not know and do not believe that this invention or discovery was ever known or used in the United States of America before my invention or discovery thereof, or patented or described in any printed publication in any country before my invention or discovery thereof, or more than one year prior to this application; or in public use or on sale in the United States of America more than one year prior to this application; that this invention or discovery has not been patented or made the subject of an

inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to this application; and that no application for patent or inventor's certificate on this invention or discovery has been filed in any country foreign to the United States of America by me or my legal representatives or assigns;

I hereby claim the benefit under Title 35, United States Code § 119(e) to the United States provisional applications listed below;

60/367,967	March 25, 2002
(Application Serial No.)	(Filing Date)

and I claim priority under Title 35, United States Code § 120 to the United States non-provisional applications listed below;

10/400,296	March 25, 2003
(Application Serial No.)	(Filing Date)

and I request that communications be sent to:

Jeffrey D. Mullen
2212 Hassinger Lane
Glenshaw, PA 15116

and that telephone calls be directed to:

Jeffrey D. Mullen
(914) 837-7741

Wherefore, I pray that Letters Patent be granted to me for the invention or discovery described and claimed in the attached application, and I hereby subscribe my name to the foregoing application, including the claims, and declaration.

I declare, further, that I understand the English language and that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment of not more than five (5) years, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

12/23/14
Date

Jeffrey D. Mullen

PTO/SB/08A (10-01)
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Substitute for form 1449A/PTO				***Complete if known***	
SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT				**Application Number**	11/462,201
				Filing Date	August 3, 2006
				First Named Inventor	Jeffrey D. Mullen
				Art Unit	4907
(use as many sheets as necessary)				**Examiner Name**	Rafael Perez Gutierrez
Sheet	1	of	1	**Attorney Docket Number**	JDM/002 CON3

U.S. PATENT DOCUMENTS					
Examiner initials*	Cite No.[1]	Document Number Number – Kind Code[2] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		5,889,474	03/1999	LaDue	
		5,987,019	11/1999	Raith	
		5,999,124	12/1999	Sheynblat	
		5,999,777	02/2006	Ganesh	
		6,078,578	06/2000	Matsumoto	
		6,088,586	07/2000	Haverty	
		6,144,336	11/2001	Preston et al.	
		6,215,863	04/2001	Bennett et al.	
		6,275,554	08/2001	Aiello	
		6,360,102	03/2002	Havinis	
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		6,665,389	12/2003	Haste III	
		6,716,101	04/2004	Meadows et al.	
		6.725,032	04/2004	Sheridan et al.	
		6,885,874	04/2005	Grube	

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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				First Named Inventor	Jeffrey D. Mullen
				Art Unit	4907
(use as many sheets as necessary)				**Examiner Name**	Rafael Perez Gutierrez
Sheet	2	of	1	**Attorney Docket Number**	JDM/002 CON3

		6,968,179	11/2005	De Vries	
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		2002/0086683	07/2002	Kohar	
		2003/0004743	01/2003	Callegari	
		2003/0013456	01/2003	Bates	

Examiner Signature		Date Considered	

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				First Named Inventor	Jeffrey D. Mullen
				Art Unit	4907
				Examiner Name	Rafael Perez Gutierrez
Sheet	3	of	1	**Attorney Docket Number**	JDM/002 CON3

		2003/0023726	01/2003	Rice et al.	
		2003/0069692	04/2003	Krasner	
		2003/001346	01/2003	Mizune et al.	
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		7,130,630	01/2008	Rosen	
		7,324,823	10/2012	Grundvig	

FOREIGN PATENT DOCUMENTS

Examiner initials*	Cite No.[1]	Foreign Patent Document Country Code[3] - Number[4] - Kind Code[5] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
		WO 01/001718	01/04/2001	Nokia Networks		

NON PATENT LITERATURE DOCUMENTS

Examiner initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T[2]

Examiner Signature		Date Considered	

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				First Named Inventor	Jeffrey D. Mullen
				Art Unit	4907
(use as many sheets as necessary)				**Examiner Name**	Rafael Perez Gutierrez
Sheet	4	of	1	**Attorney Docket Number**	JDM/002 CON3

NON PATENT LITERATURE DOCUMENTS			
Examiner initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T[2]
		WROLSTAD, JAY, "Sprint Claims First With E911-Capable Phone," newsfactor.com (as viewed at http://www.newsfactor.com/perl/story/13952.html on January 22, 2007), October 4, 2001)	
		WROLSTAD, JAY, "Sprint Rolls Out E911 Services," newsfactor.com (as viewed at http://www.newsfactor.com/perl/story/15506.html on January 22, 2007), December 26, 2001)	
		"Sprint PCS First Quarterly E911 Implementation Report," Before the Federal Communications Commission, In the Matter of Revision of the Commission's Rules To Ensure Compatibility With Enhanced 911 Emergency Calling Systems , CC Docket No. 944-102, February 1, 2002	
		"Who is Integrated Data Communications?," presented at the FCC E-911 Automatic Location Identification Round Table, June 28, 1999.	
		"Wireless Telecommunications Bureau Seeks Comment On Request To Commence Rulemaking To Establish Fair Location Information Practices," WT Docket No. 01-72, DA 01-696, (as viewed at http://www.fcc.gov.Bureaus/Wireless/PublicNotices/9001/da010696.html on January 22, 2007), March 16, 2001.	
		"Go2 Systems & Integrated Data Communications to Deliver Location Services Automatically to Wireless Phones; Alliance Enables Automatic Recognition of Wireless Caller's Location," Business Wire (as viewed at http://www.findarticles.com/p/articles/mi_m0EIN/is_2000_Feb_28/ai/59621222 on January 22, 2007), February 28, 2000.	
		"Before the Federal Communications Commission: In the Matter of: E-911 Automatic Location Identification Round Table," Transcript, June 28, 1999.	
		"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.16jan01.txt on January 22, 2007), January, 2001.	
		"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.26feb01.txt on January 22, 2007), February, 2001.	

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Sheet	5	of	1	**Attorney Docket Number**	JDM/002 CON3

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		"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.26mar01.txt on January 22, 2007), March, 2001.	
		"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.05apr01.txt on January 22, 2007), April, 2001.	
		"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.01may01.txt on January 22, 2007), May, 2001.	
		"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.10jun01.txt on January 22, 2007), June, 2001.	
		"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.05jul01.txt on January 22, 2007), July, 2001.	
		"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.01aug01.txt on January 22, 2007), August, 2001.	
		"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.04sep01.txt on January 22, 2007), September, 2001.	
		"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.02oct01.txt on January 22, 2007), October, 2001.	
		"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.02nov01.txt on January 22, 2007), November, 2001.	
		"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.03dec01.txt on January 22, 2007), December, 2001.	

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Substitute for form 1449A/PTO **SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT** (use as many sheets as necessary)				***Complete if known***	
				Application Number	11/462,201
				Filing Date	August 3, 2006
				First Named Inventor	Jeffrey D. Mullen
				Art Unit	4907
				Examiner Name	Rafael Perez Gutierrez
Sheet	6	of	1	**Attorney Docket Number**	JDM/002 CON3

NON PATENT LITERATURE DOCUMENTS			
Examiner initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T[2]
		"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.07jan02.txt on January 22, 2007), January, 2002.	
		"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.04feb02.txt on January 22, 2007), February, 2002.	
		"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.04mar02.txt on January 22, 2007), March, 2002.	

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

JDM/002 CON3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Jeffrey D. Mullen
Application No.	:	11/462,201
Confirmation No.	:	4907
Filed	:	August 3, 2006
For	:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
Group Art Unit	:	2642
Examiner	:	Rafael Perez Gutierrez

Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Pittsburgh, PA 15116
December 23, 2014

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

A Request for Continued Examination is applicable hereto and being submitted herewith. In accordance with 37 C.F.R. §§ 1.56 and 1.97, applicant wishes to call the attention of the Examiner to the following documents:

Patent Documents

5,889,474	03/1999	LaDue	(8)
5,987,019	11/1999	Lipsanen et al.	(8)
5,999,124	12/1999	Sheynblat	(7)
6,078,578	06/2000	Matsumoto	(8)
6,144,336	11/2001	Preston et al.	(1)
6,215,863	04/2001	Bennett et al.	(8)

6,275,544	08/2001	Aiello	(8)
6,377,565	04/2002	Puckette	(8)
6,360,102	03/2002	Havinis	(1)
6,456,854	09/2002	Chern	(7)
6,466,788	10/2002	Carlssen	(1)
6,564,064	05/2003	Ciganer et al.	(8)
6,587,691	07/2003	Granstam	(5)
6,088,586	07/2000	Haverty	(8)
6,603,977	08/2003	Walsh et al	(1)
6,662,014	12/2003	Walsh et al	(1)
6,662,614	12/2003	Lim	(8)
6,647,257	11/2003	Owensby	(8)
6,665,389	12/2003	Haste III	(5)
6,716,101	04/2004	Meadows	(8)
6,725,032	04/2004	Sheridan	(8)
6,885,874	04/2005	Grube	(1)
6,968,179	11/2005	De Vries	(1)
6,975,998	12/2005	Jones	(5)
6,999,777	02/2006	Ganesh	(8)
7,013,148	03/2006	Ganesh	(7)
7,072,956	07/2006	Parupudi	(6)
7,203,674	04/2007	Cohen	(5)
7,177,651	02/2007	Almassy	(1)
7,215,965	05/2007	Fournier et al.	(3)
7,248,872	07/2007	Bassett et al.	(8)
7,269,426	09/2007	Kokkonen et al.	(1)
7,272,220	09/2007	Zhang	(7)
7,333,776	02/2008	York	(7)
7,570,958	08/2008	Krasner	(3)
7,983,947	07/2011	Kaiwa	(7)
8,073,087	12/2011	Casaccia	(8)
2001/0048364	12/2001	Kaithoff et al.	(7)
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2002/0086683	07/2002	Kohar et al.	(1)
2002/0102989	08/2002	Calvert et al.	(1)

2002/0115453	08/2002	Poulin et al.	(1)
2002/0164998	11/2002	Younis	(3)
2002/0086683	07/2002	Kohar	(8)
2003/0004743	01/2003	Callegari	(7)
2003/0013456	01/2003	Bates	(1)
2003/0023726	01/2003	Rice et al.	(1)
2003/0069692	04/2003	Krasner	(1)
2003/001346	01/2003	Mizune et al.	(1)
2003/0119522	06/2003	Barclay et al.	(1)
2004/0033795	02/2004	Walsh et al	(8)
2004/0054428	03/2004	Sheha	(5)
2004/0077359	04/2004	Bernas et al.	(8)
2008/0299355	11/2008	Rosen	(5)
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2009/0029717	01/2009	Bates et al.	(1)
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7,130,630	10/2006	Enzmann	(8)
7,324,823	01/2008	Rosen	(8)
2002/0141434	10/2012	Grundvig	(8)

Foreign Patent Documents

WO 01/001718	Nokia Networks	01/04/2001	(1)

Non-Patent Literature

WROLSTAD, JAY, “Sprint Claims First With E911-Capable Phone,” newsfactor.com (as viewed at http://www.newsfactor.com/perl/story/13952.html on January 22, 2007), October 4, 2001) (1)

WROLSTAD, JAY, “Sprint Rolls Out E911 Services,” newsfactor.com (as viewed at http://www.newsfactor.com/perl/story/15506.html on January 22, 2007), December 26, 2001) (1)

"Sprint PCS First Quarterly E911 Implementation Report," Before the Federal Communications Commission, In the Matter of Revision of the Commission's Rules To Ensure Compatibility With Enhanced 911 Emergency Calling Systems , CC Docket No. 944-102, February 1, 2002 (1)

"Who is Integrated Data Communications?," presented at the FCC E-911 Automatic Location Identification Round Table, June 28, 1999. (1)

"Wireless Telecommunications Bureau Seeks Comment On Request To Commence Rulemaking To Establish Fair Location Information Practices," WT Docket No. 01-72, DA 01-696, (as viewed at http://www.fcc.gov.Bureaus/Wireless/PublicNotices/9001/da010696.html on January 22, 2007), March 16, 2001. (1)

"Go2 Systems & Integrated Data Communications to Deliver Location Services Automatically to Wireless Phones; Alliance Enables Automatic Recognition of Wireless Caller's Location," Business Wire (as viewed at http://www.findarticles.com/p/articles/mi_m0EIN/is_2000_Feb_28/ai/59621222 on January 22, 2007), February 28, 2000. (1)

"Before the Federal Communications Commission: In the Matter of: E-911 Automatic Location Identification Round Table," Transcript, June 28, 1999. (1)

"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.16jan01.txt on January 22, 2007), January, 2001. (1)

"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.26feb01.txt on January 22, 2007), February, 2001. (1)

"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.26mar01.txt on January 22, 2007), March, 2001. (1)

"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.05apr01.txt on January 22, 2007), April, 2001. (1)

"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.01may01.txt on January 22, 2007), May, 2001. (1)

"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.10jun01.txt on January 22, 2007), June, 2001. (1)

"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.05jul01.txt on January 22, 2007), July, 2001. (1)

"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.01aug01.txt on January 22, 2007), August, 2001. (1)

"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.04sep01.txt on January 22, 2007), September, 2001. (1)

"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.02oct01.txt on January 22, 2007), October, 2001. (1)

"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.02nov01.txt on January 22, 2007), November, 2001. (1)

"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.03dec01.txt on January 22, 2007), December, 2001. (1)

"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.07jan02.txt on January 22, 2007), January, 2002. (1)

"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.04feb02.txt on January 22, 2007), February, 2002. (1)

"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.04mar02.txt on January 22, 2007), March, 2002. (1)

It is respectfully requested that these documents be (1) fully considered by the Patent and Trademark Office during examination of this application; and (2) printed on any patent which may issue on this application. Applicant requests that a copy of Form PTO/SB/08A, as considered and initialed by the Examiner, be returned with the next communication.

Documents above marked with a (1) were cited in Application No. 10/400,296. Applicant respectfully requests the Examiner review the prosecution history of this application including all communications from the United States Patent and Trademark Office contained therein (e.g., the Office Actions contained therein).

Documents above marked with a (2) were cited in Application No. 11/387,384. Applicant respectfully requests

the Examiner review the prosecution history of this application including all communications from the United States Patent and Trademark Office contained therein (e.g., the Office Actions contained therein).

Documents above marked with a (3) were cited in Application No. 11/485,161. Applicant respectfully requests the Examiner review the prosecution history of this application including all communications from the United States Patent and Trademark Office contained therein (e.g., the Office Actions contained therein).

Documents above marked with a (5) were cited in Application No. 11/834,674. Applicant respectfully requests the Examiner review the prosecution history of this application including all communications from the United States Patent and Trademark Office contained therein (e.g., the Office Actions contained therein).

Documents above marked with a (6) were cited in Application No. 11/841,734. Applicant respectfully requests the Examiner review the prosecution history of this application including all communications from the United States Patent and Trademark Office contained therein (e.g., the Office Actions contained therein).

Documents above marked with a (7) were cited in Application No. 11/841,750. Applicant respectfully requests the Examiner review the prosecution history of this application including all communications from the United States Patent and Trademark Office contained therein (e.g., the Office Actions contained therein).

Documents above marked with a (8) were cited in Application No. 11/841,765. Applicant respectfully requests the Examiner review the prosecution history of this application including all communications from the United States Patent and Trademark Office contained therein (e.g., the Office Actions contained therein).

Applicant hereby submits that not all of the patent documents and non-patent literature submitted herein may be, in fact, prior art to the present application. Applicant reserves the right to dispute whether references, or subject matter within references, are prior art to the present application (e.g., continuation-in-part subject matter filed after the filing date of the present application).

This Statement is being submitted after a first Office Action on the merits. Accordingly, pursuant to 37 CFR 1.97(c), the fee set forth in Section 1.17(p) is provided herewith.

Applicant respectfully submits that this application, including the pending claims, is in condition for allowance. A favorable action is respectfully requested.

The Director is hereby authorized to charge any fees associated with this filing, or credit any overpayment of the same, to Deposit Account No. 50-3855.

Respectfully Submitted,

/Jeffrey D. Mullen/
Jeffrey D. Mullen
Applicant (Reg. No. 52,056)
Customer No. 32733
2212 Hassinger Lane
Glenshaw, PA 15116
Tel.: (914) 837-7741

Electronic Patent Application Fee Transmittal

Application Number:	11462201
Filing Date:	03-Aug-2006
Title of Invention:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
First Named Inventor/Applicant Name:	Jeffrey D. Mullen
Filer:	Jeffrey David Mullen
Attorney Docket Number:	JDM/002 CON3

Filed as Small Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Late Filing Fee for Oath or Declaration	2051	1	70	70
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Extension-of-Time:				
Miscellaneous:				
RCE - 2nd and Subsequent Request	2820	1	850	850
		Total in USD ($)		**920**

Electronic Acknowledgement Receipt	
EFS ID:	21057581
Application Number:	11462201
International Application Number:	
Confirmation Number:	4907
Title of Invention:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
First Named Inventor/Applicant Name:	Jeffrey D. Mullen
Customer Number:	32733
Filer:	Jeffrey David Mullen
Filer Authorized By:	
Attorney Docket Number:	JDM/002 CON3
Receipt Date:	23-DEC-2014
Filing Date:	03-AUG-2006
Time Stamp:	19:22:29
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	$920
RAM confirmation Number	19662
Deposit Account	503855
Authorized User	
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 (National application filing, search, and examination fees) Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)	

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for Continued Examination (RCE)	JDM-002CON3--RCE.pdf	697805 b5fb107740b22431e5cb1f302f25aa698d6b8636	no	3
Warnings:					
Information:					
2	Oath or Declaration filed	JDM-002CON3--Declaration.pdf	1632155 483f8c6ff0665b89b68987b13d1471658cf0c8f5	no	3
Warnings:					
Information:					
3	Information Disclosure Statement (IDS) Form (SB08)	JDM-002CON3--PTOSB08A.pdf	314284 8048a992b0ea77d7ca36ec1ec97713e0c61b6f9e	no	6
Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
4	Transmittal Letter	JDM-002CON3--SIDS.pdf	106446 06b3416f6d3e5cd3f666c6ce6bbe7be2079503fe	no	10
Warnings:					
Information:					
5	Non Patent Literature	JDM-002C3--ref--1of2.pdf	9131124 b9606cd62533b8f551278c8f281af1225a199e9b	no	241
Warnings:					
Information:					
6	Non Patent Literature	JDM-002C3--ref--2of2.pdf	20938905 fa4dbd3882d313c6061f9d783f029d212b01fcac	no	241
Warnings:					
Information:					
7	Fee Worksheet (SB06)	fee-info.pdf	32339 c362621744b8300546ffb28784e2dd5a1eef7814	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	32853058		

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.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

32733 7590 03/11/2015

JEFFREY D. MULLEN
2212 Hassinger Lane
Glenshaw, PA 15116

EXAMINER
KASRAIAN, ALLAHYAR

ART UNIT	PAPER NUMBER
2642	

DATE MAILED: 03/11/2015

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/462,201	08/03/2006	Jeffrey D. Mullen	JDM/002 CON3	4907

TITLE OF INVENTION: SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	$480	$0	$0	$480	06/11/2015

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail **Mail Stop ISSUE FEE**
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

32733 7590 03/11/2015
JEFFREY D. MULLEN
2212 Hassinger Lane
Glenshaw, PA 15116

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission
I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/462,201	08/03/2006	Jeffrey D. Mullen	JDM/002 CON3	4907

TITLE OF INVENTION: SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	$480	$0	$0	$480	06/11/2015

EXAMINER	ART UNIT	CLASS-SUBCLASS
KASRAIAN, ALLAHYAR	2642	455-456100

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
- ❑ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ❑ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list
(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.
1 _____
2 _____
3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ❑ Individual ❑ Corporation or other private group entity ❑ Government

4a. The following fee(s) are submitted:
- ❑ Issue Fee
- ❑ Publication Fee (No small entity discount permitted)
- ❑ Advance Order - # of Copies _____

4b. Payment of Fee(s): **(Please first reapply any previously paid issue fee shown above)**
- ❑ A check is enclosed.
- ❑ Payment by credit card. Form PTO-2038 is attached.
- ❑ The director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)
- ❑ Applicant certifying micro entity status. See 37 CFR 1.29
  NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.
- ❑ Applicant asserting small entity status. See 37 CFR 1.27
  NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.
- ❑ Applicant changing to regular undiscounted fee status.
  NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____

PTOL-85 Part B (10-13) Approved for use through 10/31/2013. OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/462,201	08/03/2006	Jeffrey D. Mullen	JDM/002 CON3	4907

32733 7590 03/11/2015

JEFFREY D. MULLEN
2212 Hassinger Lane
Glenshaw, PA 15116

EXAMINER	
KASRAIAN, ALLAHYAR	
ART UNIT	PAPER NUMBER
2642	

DATE MAILED: 03/11/2015

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability	Application No. 11/462,201	Applicant(s) MULLEN, JEFFREY D.	
	Examiner ALLAHYAR KASRAIAN	Art Unit 2642	AIA (First Inventor to File) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *RCE filed on 12/23/2014*.
   ☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on_____.
2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
3. ☒ The allowed claim(s) is/are *3-22*. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov .
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

   Certified copies:

   a) ☐ All b) ☐ Some *c) ☐ None of the:
   1. ☐ Certified copies of the priority documents have been received.
   2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
   3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

   Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☒ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 12/23/2014
3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
4. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .
5. ☐ Examiner's Amendment/Comment
6. ☒ Examiner's Statement of Reasons for Allowance
7. ☐ Other _____.

/ALLAHYAR KASRAIAN/
Primary Examiner, Art Unit 2642

DETAILED ACTION

Notice of Pre-AIA or AIA Status

1. The present application is being examined under the pre-AIA first to invent provisions.

Continued Examination Under 37 CFR 1.114

2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 06/24/2014 has been entered.

Examiner and Art Unit Location

3. The Examiner and Art Unit location of your application in the USPTO has changed. To aid in correlating any papers for this application, all further correspondence regarding this application should be directed to Allahyar Kasraian, Art Unit 2642.

Information Disclosure Statement

4. The information disclosure statement submitted on 12/23/2014 has been considered by the Examiner and made of record in the application file.

EXAMINER'S AMENDMENT

5. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The claims have been amended as follows:

IN THE CLAIMS

3 (Currently Amended). A method comprising:

displaying on a first wireless telephonic device a plurality of users, wherein each one of said plurality of users is associated to a different one of a plurality of wireless telephonic devices;

receiving on said first wireless telephonic device a first manual input in [[the]] a form of a selection of one of said plurality of users;

receiving on said first wireless telephonic device an input in [[the]] a form of a login and a second manual input in the form of a password;

determining whether to allow access of location information for said one of said plurality of wireless telephonic devices associated to said selected one of said plurality of users, wherein said determination includes identifying said user of said first wireless telephonic device from said plurality of users using said login and determining said password is associated with said login and determining whether said selected one of said plurality of users has provided access rights for said location information to said user of said first wireless telephonic device, and said first wireless telephonic device is operable to assign location access rights to said one of said plurality of wireless

telephonic devices associated with said selected one of said plurality of users for obtaining a location of said first wireless telephonic device;

transmitting said location information from a server to said first wireless telephonic device; and

displaying said location information on said first wireless device.

7 (Currently Amended). A method comprising:

accepting on a first wireless device a manual selection representative of a second wireless device from a list representative of a plurality of wireless devices;

locating said second wireless device;

determining on a server whether said second wireless device has provided permission for said first wireless device to locate said second wireless device based, at least in part, on [[the]] an identification of a login, that identifies the user of said first wireless device from a plurality of users, and password received by said first wireless device that is associated with said login and determining whether said user is associated with said permission, and said first wireless device is operable to assign a second permission to said second wireless device for obtaining second location information of said first wireless device;

providing location information to said first wireless device based on said determination; and

displaying a map on said first wireless device with a marker representative of the location of said second wireless device.

Allowable Subject Matter

6. **Claims 3-22** are allowed.

7. The following is an examiner's statement of reasons for allowance:

Claims 3-22 are allowed for the same reason(s) as stated in the Office Action mailed on 09/23/2014.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

8. The prior art made of record and not relied upon is considered pertinent to Applicant's disclosure.

a. Dupray (U.S. Patent Application Publication # 20040198386 A1) disclose Applications for a wireless location gateway.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to ALLAHYAR KASRAIAN whose telephone number is (571)270-1772. The examiner can normally be reached on Monday through Friday 8:00 a.m. to 5:00 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rafael Perez-Gutierrez can be reached on (571) 272-7915. The fax phone

number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/ALLAHYAR KASRAIAN/
Primary Examiner, Art Unit 2642

Notice of References Cited	Application/Control No. 11/462,201	Applicant(s)/Patent Under Reexamination MULLEN, JEFFREY D.	
	Examiner ALLAHYAR KASRAIAN	Art Unit 2642	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-2004/0198386 A1	10-2004	Dupray, Dennis J.	455/456.1
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11462201	MULLEN, JEFFREY D.
	Examiner	Art Unit
	ALLAHYAR KASRAIAN	2642

CPC- SEARCHED		
Symbol	Date	Examiner
H04W64/00 OR H04W8/16 OR H04W12/08 OR H04W4/02 OR H04W12/06 OR H04W8/10 OR G01S5/06 OR G01S19/17 OR H04L67/18	9/21/2014	kwh

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
455	456.1-457	2/9/2009	kwh
455	567	11/17/2009	kwh

SEARCH NOTES		
Search Notes	Date	Examiner
class/subclass search on EAST	2/9/2009	kwh
inventor/assignee search on PALM	2/9/2009	kwh
key word/concept search on EAST	2/9/2009	kwh
updated search on EAST	11/17/2009	kwh
updated EAST search	6/23/2010	kwh
consulted primary examiner Huy Phan	6/23/2010	kwh
updated EAST search	2/9/2011	kwh
consulted Primary Examiner Kamran Afshar	2/9/2011	kwh
updated search	1/8/2013	kwh
updated EAST search	6/12/2013	kwh
updated EAST search	12/15/2013	kwh
upated EAST search	9/21/2014	kwh
Updated EAST search	3/9/2015	AK

	/ALLAHYAR KASRAIAN/ Primary Examiner.Art Unit 2642

INTERFERENCE SEARCH			
US Class/ CPC Symbol	**US Subclass / CPC Group**	**Date**	**Examiner**
	PGPub Text Search. See Interference Search Printout	9/21/2014	kwh
see EAST search	see EAST search	3/9/2015	AK

	/ALLAHYAR KASRAIAN/ Primary Examiner.Art Unit 2642

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Substitute for form 1449A/PTO **SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT** (use as many sheets as necessary)				***Complete if known***	
				Application Number	11/462,201
				Filing Date	August 3, 2006
				First Named Inventor	Jeffrey D. Mullen
				Art Unit	4907
				Examiner Name	Allahyar Kasraian ~~Rafael Perez-Gutierrez~~
Sheet	1	of	1	**Attorney Docket Number**	JDM/002 CON3

U.S. PATENT DOCUMENTS					
Examiner initials*	Cite No.[1]	Document Number Number – Kind Code[2] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		5,889,474	03/1999	LaDue	
		5,987,019	11/1999	Raith	
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		6,716,101	04/2004	Meadows et al.	
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		6,885,874	04/2005	Grube	

Examiner Signature	/Allahyar Kasraian/	Date Considered	03/08/2015

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /A.K./

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
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Substitute for form 1449A/PTO				Complete if known	
SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT				**Application Number**	11/462,201
				Filing Date	August 3, 2006
				First Named Inventor	Jeffrey D. Mullen
				Art Unit	4907
(use as many sheets as necessary)				**Examiner Name**	Allahyar Kasraian ~~Rafael Perez-Gutierrez~~
Sheet	2	of	1	**Attorney Docket Number**	JDM/002 CON3

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		2003/0013456	01/2003	Bates	

Examiner Signature	/Allahyar Kasraian/	Date Considered	03/08/2015

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /A.K./

PTO/SB/08A (10-01)
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				Filing Date	August 3, 2006
				First Named Inventor	Jeffrey D. Mullen
				Art Unit	4907
(use as many sheets as necessary)				**Examiner Name**	Allahyar Kasraian ~~Rafael Perez-Gutierrez~~
Sheet	3	of	1	**Attorney Docket Number**	JDM/002 CON3

		2003/0023726	01/2003	Rice et al.	
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		7,324,823	10/2012	Grundvig	

FOREIGN PATENT DOCUMENTS						
Examiner initials*	Cite No.[1]	Foreign Patent Document Country Code[3] - Number[4] - Kind Code[5] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
		WO 01/001718	01/04/2001	Nokia Networks		

NON PATENT LITERATURE DOCUMENTS			
Examiner initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T[2]

Examiner Signature	/Allahyar Kasraian/	Date Considered	03/08/2015

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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
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PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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Substitute for form 1449A/PTO **SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT** (use as many sheets as necessary)				***Complete if known***	
				Application Number	11/462,201
				Filing Date	August 3, 2006
				First Named Inventor	Jeffrey D. Mullen
				Art Unit	4907
				Examiner Name	Allahyar Kasraian ~~Rafael Perez-Gutierrez~~
Sheet	4	of	1	**Attorney Docket Number**	JDM/002 CON3

NON PATENT LITERATURE DOCUMENTS			
Examiner initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T[2]
		WROLSTAD, JAY, "Sprint Claims First With E911-Capable Phone," newsfactor.com (as viewed at http://www.newsfactor.com/perl/story/13952.html on January 22, 2007), October 4, 2001)	
		WROLSTAD, JAY, "Sprint Rolls Out E911 Services," newsfactor.com (as viewed at http://www.newsfactor.com/perl/story/15506.html on January 22, 2007), December 26, 2001)	
		"Sprint PCS First Quarterly E911 Implementation Report," Before the Federal Communications Commission, In the Matter of Revision of the Commission's Rules To Ensure Compatibility With Enhanced 911 Emergency Calling Systems , CC Docket No. 944-102, February 1, 2002	
		~~"Who is Integrated Data Communications?," presented at the FCC E-~~ The date is not found on the document 911 Automatic Location Identification Round Table, June 28, 1999.	
		"Wireless Telecommunications Bureau Seeks Comment On Request To Commence Rulemaking To Establish Fair Location Information Practices," WT Docket No. 01-72, DA 01-696, (as viewed at http://www.fcc.gov.Bureaus/Wireless/PublicNotices/9001/da010696.html on January 22, 2007), March 16, 2001.	
		"Go2 Systems & Integrated Data Communications to Deliver Location Services Automatically to Wireless Phones; Alliance Enables Automatic Recognition of Wireless Caller's Location," Business Wire (as viewed at http://www.findarticles.com/p/articles/mi_m0EIN/is_2000_Feb_28/ai/59621222 on January 22, 2007), February 28, 2000.	
		"Before the Federal Communications Commission: In the Matter of: E-911 Automatic Location Identification Round Table," Transcript, June 28, 1999.	
		"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.16jan01.txt on January 22, 2007), January, 2001.	
		"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.26feb01.txt on January 22, 2007), February, 2001.	

Examiner Signature	/Allahyar Kasraian/	Date Considered	03/08/2015

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(use as many sheets as necessary)				**Examiner Name**	Allahyar Kasraian ~~Rafael Perez-Gutierrez~~
Sheet	5	of	1	**Attorney Docket Number**	JDM/002 CON3

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		"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.26mar01.txt on January 22, 2007), March, 2001.	
		"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.05apr01.txt on January 22, 2007), April, 2001.	
		"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.01may01.txt on January 22, 2007), May, 2001.	
		"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.10jun01.txt on January 22, 2007), June, 2001.	
		"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.05jul01.txt on January 22, 2007), July, 2001.	
		"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.01aug01.txt on January 22, 2007), August, 2001.	
		"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.04sep01.txt on January 22, 2007), September, 2001.	
		"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.02oct01.txt on January 22, 2007), October, 2001.	
		"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.02nov01.txt on January 22, 2007), November, 2001.	
		"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.03dec01.txt on January 22, 2007), December, 2001.	

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Sheet	6	of	1	**Attorney Docket Number**	JDM/002 CON3

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		"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.07jan02.txt on January 22, 2007), January, 2002.	
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		"Pulver.com's Location Based Services Report," pulver.com (as visited at http://pulver.com/lbareport/lastlbareport.04mar02.txt on January 22, 2007), March, 2002.	

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Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11462201	MULLEN, JEFFREY D.
	Examiner	**Art Unit**
	ALLAHYAR KASRAIAN	2642

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
Final	Original	02/09/2009	11/17/2009	06/23/2010	02/09/2011	01/08/2013	06/12/2013	12/15/2013	03/09/2015	
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	2	-	-	-	-	-	-	-	-	
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2	4	✓	✓	✓	✓	✓	✓	✓	=	
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20	22		✓	✓	✓	✓	✓	✓	=	

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
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L8	253	((Jeffrey) near2 (Mullen)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2015/03/09 10:29
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EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	0	((wireless mobile ce1154) same (log$1in log$1on) same (pass$1word pass$1code code PIN ID) same (access$3 permi$6 allowS4) near9 (location position) same displayS4).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2015/03/09 09:24
L6	1	((wireless mobile ce11$4) same (log$1in log$1on) same (pass$1word pass$1code code "PIN" "ID") same (access$3 permi$6 allowS4) near9 (locat$4 position$3) same (first second mutualS4 (each near other)) same display$4 with (location position$3)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2015/03/09 09:27

3/9/2015 11:25:15 AM
C:\Users\akasraian\Documents\EAST\Workspaces\11462201_01.wsp

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11462201	MULLEN, JEFFREY D.
	Examiner	**Art Unit**
	ALLAHYAR KASRAIAN	2642

CPC						
Symbol					**Type**	**Version**
H04W		8	/	14	F	2013-01-01
H04W		8	/	16	A	2013-01-01
H04W		64	/	00	I	2013-01-01
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CPC Combination Sets							
Symbol					**Type**	**Set**	**Ranking**	**Version**
			/					
			/					

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	20	
/ALLAHYAR KASRAIAN/ Primary Examiner.Art Unit 2642	03/09/2015	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	3	17

U.S. Patent and Trademark Office — Part of Paper No. 20150309

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11462201	MULLEN, JEFFREY D.
	Examiner	**Art Unit**
	ALLAHYAR KASRAIAN	2642

US ORIGINAL CLASSIFICATION		INTERNATIONAL CLASSIFICATION										
CLASS	SUBCLASS	CLAIMED					NON-CLAIMED					
455	456.1	H	0	4	W	24 / 00 (2009.01.01)						

CROSS REFERENCE(S)					
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				
455	456.2	456.3	457		

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	20	
/ALLAHYAR KASRAIAN/ Primary Examiner.Art Unit 2642	03/09/2015	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	3	17

U.S. Patent and Trademark Office

Part of Paper No. 20150309

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11462201	MULLEN, JEFFREY D.
	Examiner	**Art Unit**
	ALLAHYAR KASRAIAN	2642

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
	1	13	17												
	2	14	18												
1	3	17	19												
2	4	18	20												
8	5	19	21												
9	6	20	22												
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16	8														
3	9														
4	10														
5	11														
6	12														
7	13														
10	14														
11	15														
12	16														

NONE (Assistant Examiner)	(Date)	**Total Claims Allowed:** 20	
/ALLAHYAR KASRAIAN/ Primary Examiner.Art Unit 2642 (Primary Examiner)	03/09/2015 (Date)	O.G. Print Claim(s) 3	O.G. Print Figure 17

U.S. Patent and Trademark Office Part of Paper No. 20150309

PTO/SB/30EFS (10-08)
Approved for use through 11/30/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL
(Submitted Only via EFS-Web)

Application Number	11462201	Filing Date	2006-08-03	Docket Number (if applicable)	JDM/002 CON3	Art Unit	2642
First Named Inventor	Jeffrey D. Mullen			Examiner Name	Allahyar Kasraian		

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV

SUBMISSION REQUIRED UNDER 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

- ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____
- ☐ Other _____

☒ Enclosed

- ☐ Amendment/Reply
- ☒ Information Disclosure Statement (IDS)
- ☐ Affidavit(s)/ Declaration(s)
- ☐ Other _____

MISCELLANEOUS

☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months _____
(Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

☐ Other _____

FEES

☒ **The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.**
The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No 503855

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

☐ Patent Practitioner Signature

☒ Applicant Signature

PTO/SB/30EFS (10-08)
Approved for use through 11/30/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Applicant Signature			
Applicant 1		Remove	
Signature	/Jeffrey D. Mullen/	Date (YYYY-MM-DD)	2015-06-11
Name	Jeffrey D. Mullen		
Click ADD for additional Applicant Signature		Add	

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

JDM/002 CON3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Jeffrey D. Mullen
Application No.	:	11/462,201
Confirmation No.	:	4907
Filed	:	August 3, 2006
For	:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
Group Art Unit	:	2642
Examiner	:	Allahyar Kasraian

Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Pittsburgh, PA 15116
June 23, 2015

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

A Request for Continued Examination is applicable hereto and being submitted herewith. In accordance with 37 C.F.R. §§ 1.56 and 1.97, applicant wishes to call the attention of the Examiner to the following documents:

Patent Documents

7,010,110	03/2006	Jorasch et al.	(3)
7,130,630	10/2006	Enzmann	(2)
7,324,823	01/2008	Rosen	(2)
8,478,304	07/2013	David et al.	(7)
2002/0141434	10/2002	Grundvig	(2)

2002/0183059	12/2002	Noreen et al.	(2)
2004/0038706	02/2004	Wasser et al.	(6)
2005/0222756	10/2005	Davis et al.	(7)
2009/005019	01/2009	Patel et al.	(7)

It is respectfully requested that these documents be (1) fully considered by the Patent and Trademark Office during examination of this application; and (2) printed on any patent which may issue on this application. Applicant requests that a copy of Form PTO/SB/08A, as considered and initialed by the Examiner, be returned with the next communication.

Documents above marked with a (1) were cited in Application No. 10/400,296. Applicant respectfully requests the Examiner review the prosecution history of this application including all communications from the United States Patent and Trademark Office contained therein (e.g., the Office Actions contained therein).

Documents above marked with a (2) were cited in Application No. 11/387,384. Applicant respectfully requests the Examiner review the prosecution history of this application including all communications from the United States Patent and Trademark Office contained therein (e.g., the Office Actions contained therein).

Documents above marked with a (3) were cited in Application No. 11/485,161. Applicant respectfully requests the Examiner review the prosecution history of this application including all communications from the United States Patent and Trademark Office contained therein (e.g., the Office Actions contained therein).

Documents above marked with a (5) were cited in Application No. 11/834,674. Applicant respectfully requests the Examiner review the prosecution history of this application including all communications from the United States Patent and Trademark Office contained therein (e.g., the Office Actions contained therein).

Documents above marked with a (6) were cited in Application No. 11/841,734. Applicant respectfully requests the Examiner review the prosecution history of this application including all communications from the United States Patent and Trademark Office contained therein (e.g., the Office Actions contained therein).

Documents above marked with a (7) were cited in Application No. 11/841,750. Applicant respectfully requests the Examiner review the prosecution history of this application including all communications from the United

States Patent and Trademark Office contained therein (e.g., the Office Actions contained therein).

Documents above marked with a (8) were cited in Application No. 11/841,765. Applicant respectfully requests the Examiner review the prosecution history of this application including all communications from the United States Patent and Trademark Office contained therein (e.g., the Office Actions contained therein).

Applicant hereby submits that not all of the patent documents and non-patent literature submitted herein may be, in fact, prior art to the present application. Applicant reserves the right to dispute whether references, or subject matter within references, are prior art to the present application (e.g., continuation-in-part subject matter filed after the filing date of the present application).

This Statement is being submitted after a first Office Action on the merits. Accordingly, pursuant to 37 CFR 1.97(c), the fee set forth in Section 1.17(p) is provided herewith.

Applicant respectfully submits that this application, including the pending claims, is in condition for allowance. A favorable action is respectfully requested.

The Director is hereby authorized to charge any fees associated with this filing, or credit any overpayment of the same, to Deposit Account No. 50-3855.

Respectfully Submitted,

/Jeffrey D. Mullen/
Jeffrey D. Mullen
Applicant (Reg. No. 52,056)
Customer No. 32733
2212 Hassinger Lane
Glenshaw, PA 15116
Tel.: (914) 837-7741

Substitute for form 1449A/PTO **THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT** (use as many sheets as necessary)				***Complete if known***	
				Application Number	11/462,201
				Filing Date	August 3, 2006
				First Named Inventor	Jeffrey D. Mullen
				Art Unit	2642
				Examiner Name	Kasraian, Allahyar
Sheet	1	of	1	**Attorney Docket Number**	JDM/002 CON3

U.S. PATENT DOCUMENTS

Examiner initials*	Cite No.[1]	Document Number Number – Kind Code[2] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		7,010,110	03/2006	Jorasch et al.	
		7,130,630	10/2006	Enzmann	
		7,324,823	01/2008	Rosen	
		8,478,304	07/2013	David et al.	
		2002/0141434	10/2002	Grundvig	
		2002/0183059	12/2002	Noreen et al.	
		2004/0038706	02/2004	Wasser et al.	
		2005/0222756	10/2005	Davis et al.	
		2009/005019	01/2009	Patel et al.	

FOREIGN PATENT DOCUMENTS

Examiner initials*	Cite No.[1]	Foreign Patent Document Country Code[3] - Number[4] - Kind Code[5] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]

NON PATENT LITERATURE DOCUMENTS

Examiner initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T[2]

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Electronic Patent Application Fee Transmittal

Application Number:	11462201
Filing Date:	03-Aug-2006
Title of Invention:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
First Named Inventor/Applicant Name:	Jeffrey D. Mullen
Filer:	Jeffrey David Mullen
Attorney Docket Number:	JDM/002 CON3

Filed as Small Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
RCE- 2nd and Subsequent Request	2820	1	850	850
		Total in USD ($)		**850**

Electronic Acknowledgement Receipt	
EFS ID:	22607618
Application Number:	11462201
International Application Number:	
Confirmation Number:	4907
Title of Invention:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
First Named Inventor/Applicant Name:	Jeffrey D. Mullen
Customer Number:	32733
Filer:	Jeffrey David Mullen
Filer Authorized By:	
Attorney Docket Number:	JDM/002 CON3
Receipt Date:	11-JUN-2015
Filing Date:	03-AUG-2006
Time Stamp:	17:09:40
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	$850
RAM confirmation Number	16665
Deposit Account	503855
Authorized User	MULLEN, JEFFREY D.
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 (National application filing, search, and examination fees) Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)	

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for Continued Examination (RCE)	JDM-002CON3--RCE.pdf	697802 d84f898662ffd5db736208e67b37de2abef8b9a2	no	3
Warnings:					
Information:					
2	Transmittal Letter	JDM-002CON3--SIDS.pdf	90125 725d72bdeb3611d3011d6824e0a1a26a22a130ab	no	5
Warnings:					
Information:					
3	Information Disclosure Statement (IDS) Form (SB08)	JDM-002CON3--PTOSB08A.pdf	262206 904e41f53ad1a54f870e5b8ce72b05be857ccba6	no	1
Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
4	Fee Worksheet (SB06)	fee-info.pdf	30460 5723af11fcfd5e54b49017a8f0ff898539ea6b06	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	1080593		

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.

PTO/SB/06 (09-11)
Approved for use through 1/31/2014. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 11/462,201	Filing Date 08/03/2006	☐ To be Mailed

ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO

APPLICATION AS FILED – PART I

	(Column 1)	(Column 2)		
FOR	NUMBER FILED	NUMBER EXTRA	RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	

APPLICATION AS AMENDED – PART II

AMENDMENT	06/11/2015	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 20	Minus	** 20	= 0	X $40 =	0
	Independent (37 CFR 1.16(h))	* 3	Minus	***3	= 0	X $210 =	0
	☐ Application Size Fee (37 CFR 1.16(s))						
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
						TOTAL ADD'L FEE	**0**

AMENDMENT		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =	
	☐ Application Size Fee (37 CFR 1.16(s))						
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
						TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

LIE
/WANDA BARNES/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**
If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

32733 7590 07/02/2015

JEFFREY D. MULLEN
2212 Hassinger Lane
Glenshaw, PA 15116

EXAMINER
KASRAIAN, ALLAHYAR

ART UNIT	PAPER NUMBER
2642	

DATE MAILED: 07/02/2015

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/462,201	08/03/2006	Jeffrey D. Mullen	JDM/002 CON3	4907

TITLE OF INVENTION: SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	$480	$0	$0	$480	10/02/2015

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail **Mail Stop ISSUE FEE**
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

32733 7590 07/02/2015
JEFFREY D. MULLEN
2212 Hassinger Lane
Glenshaw, PA 15116

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission
I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

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11/462,201	08/03/2006	Jeffrey D. Mullen	JDM/002 CON3	4907

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APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	$480	$0	$0	$480	10/02/2015

EXAMINER	ART UNIT	CLASS-SUBCLASS
KASRAIAN, ALLAHYAR	2642	455-456100

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
- ❑ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ❑ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list
(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.
1 _____
2 _____
3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ❑ Individual ❑ Corporation or other private group entity ❑ Government

4a. The following fee(s) are submitted:
- ❑ Issue Fee
- ❑ Publication Fee (No small entity discount permitted)
- ❑ Advance Order - # of Copies _____

4b. Payment of Fee(s): **(Please first reapply any previously paid issue fee shown above)**
- ❑ A check is enclosed.
- ❑ Payment by credit card. Form PTO-2038 is attached.
- ❑ The director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)
- ❑ Applicant certifying micro entity status. See 37 CFR 1.29
  NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.
- ❑ Applicant asserting small entity status. See 37 CFR 1.27
  NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.
- ❑ Applicant changing to regular undiscounted fee status.
  NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____

PTOL-85 Part B (10-13) Approved for use through 10/31/2013. OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/462,201	08/03/2006	Jeffrey D. Mullen	JDM/002 CON3	4907

32733 7590 07/02/2015

JEFFREY D. MULLEN
2212 Hassinger Lane
Glenshaw, PA 15116

EXAMINER	
KASRAIAN, ALLAHYAR	
ART UNIT	PAPER NUMBER
2642	

DATE MAILED: 07/02/2015

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability	Application No. 11/462,201	Applicant(s) MULLEN, JEFFREY D.	
	Examiner ALLAHYAR KASRAIAN	Art Unit 2642	AIA (First Inventor to File) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *RCE filed on 06/11/2015* .
   ☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on_____.
2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
3. ☒ The allowed claim(s) is/are *3-22*. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov .
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

   Certified copies:

   a) ☐ All b) ☐ Some *c) ☐ None of the:
   1. ☐ Certified copies of the priority documents have been received.
   2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
   3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

   Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☒ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 06/11/2015
3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
4. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .
5. ☒ Examiner's Amendment/Comment
6. ☒ Examiner's Statement of Reasons for Allowance
7. ☐ Other _____.

/ALLAHYAR KASRAIAN/
Primary Examiner, Art Unit 2642

DETAILED ACTION

Notice of Pre-AIA or AIA Status

1. The present application is being examined under the pre-AIA first to invent provisions.

Continued Examination Under 37 CFR 1.114

2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 06/11/2015 has been entered.

Information Disclosure Statement

3. The information disclosure statement submitted on 06/11/2015 has been considered by the Examiner and made of record in the application file.

EXAMINER'S AMENDMENT

4. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The claims have been amended as follows:

IN THE CLAIMS

3 (Currently Amended). A method comprising:

displaying on a first wireless telephonic device a plurality of users, wherein each one of said plurality of users is associated to a different one of a plurality of wireless telephonic devices;

receiving on said first wireless telephonic device a first manual input in [[the]] a form of a selection of one of said plurality of users;

receiving on said first wireless telephonic device an input in [[the]] a form of a login and a second manual input in the form of a password;

determining whether to allow access of location information for said one of said plurality of wireless telephonic devices associated to said selected one of said plurality of users, wherein said determination includes identifying said user of said first wireless telephonic device from said plurality of users using said login and determining said password is associated with said login and determining whether said selected one of said plurality of users has provided access rights for said location information to said user of said first wireless telephonic device, and said first wireless telephonic device is operable to assign location access rights to said one of said plurality of wireless telephonic devices associated with said selected one of said plurality of users for obtaining a location of said first wireless telephonic device;

transmitting said location information from a server to said first wireless telephonic device; and

displaying said location information on said first wireless device.

7 (Currently Amended). A method comprising:

accepting on a first wireless device a manual selection representative of a second wireless device from a list representative of a plurality of wireless devices;

locating said second wireless device;

determining on a server whether said second wireless device has provided permission for said first wireless device to locate said second wireless device based, at least in part, on [[the]] an identification of a login, that identifies the user of said first wireless device from a plurality of users, and password received by said first wireless device that is associated with said login and determining whether said user is associated with said permission, and said first wireless device is operable to assign a second permission to said second wireless device for obtaining second location information of said first wireless device;

providing location information to said first wireless device based on said determination; and

displaying a map on said first wireless device with a marker representative of the location of said second wireless device.

Allowable Subject Matter

5. **Claims 3-22** are allowed.

6. The following is an examiner's statement of reasons for allowance:

Claims 3-22 are allowed for the same reason(s) as stated in the Office Action mailed on 09/23/2014.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to ALLAHYAR KASRAIAN whose telephone number is (571)270-1772. The examiner can normally be reached on 9:00 a.m. to 6:00 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rafael Perez Gutierrez can be reached on 571-272-7915. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/ALLAHYAR KASRAIAN/
Primary Examiner, Art Unit 2642

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11462201	MULLEN, JEFFREY D.
	Examiner	**Art Unit**
	ALLAHYAR KASRAIAN	2642

CPC- SEARCHED		
Symbol	**Date**	**Examiner**
H04W64/00 OR H04W8/16 OR H04W12/08 OR H04W4/02 OR H04W12/06 OR H04W8/10 OR G01S5/06 OR G01S19/17 OR H04L67/18	9/21/2014	kwh
H04W64/00 OR H04W8/14 OR H04W8/16 OR H04W4/02 OR H04W12/08 OR H04W8/005 OR H04W4/04 OR H04L2209/80 OR G06F21/31 OR G06F17/30241 OR G01C21/00	6/28/2015	AK

CPC COMBINATION SETS - SEARCHED		
Symbol	**Date**	**Examiner**

US CLASSIFICATION SEARCHED			
Class	**Subclass**	**Date**	**Examiner**
455	456.1-457	2/9/2009	kwh
455	567	11/17/2009	kwh

SEARCH NOTES		
Search Notes	**Date**	**Examiner**
class/subclass search on EAST	2/9/2009	kwh
inventor/assignee search on PALM	2/9/2009	kwh
key word/concept search on EAST	2/9/2009	kwh
updated search on EAST	11/17/2009	kwh
updated EAST search	6/23/2010	kwh
consulted primary examiner Huy Phan	6/23/2010	kwh
updated EAST search	2/9/2011	kwh
consulted Primary Examiner Kamran Afshar	2/9/2011	kwh
updated search	1/8/2013	kwh
updated EAST search	6/12/2013	kwh
updated EAST search	12/15/2013	kwh
upated EAST search	9/21/2014	kwh
Updated EAST search	3/9/2015	AK

	/ALLAHYAR KASRAIAN/ Primary Examiner.Art Unit 2642

SEARCH NOTES		
Search Notes	**Date**	**Examiner**
Updated EAST search	6/28/2015	AK

INTERFERENCE SEARCH			
US Class/ CPC Symbol	**US Subclass / CPC Group**	**Date**	**Examiner**
	PGPub Text Search. See Interference Search Printout	9/21/2014	kwh
see EAST search	see EAST search	3/9/2015	AK

	/ALLAHYAR KASRAIAN/ Primary Examiner.Art Unit 2642

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11462201	MULLEN, JEFFREY D.
	Examiner	**Art Unit**
	ALLAHYAR KASRAIAN	2642

CPC						
Symbol					**Type**	**Version**
H04W		8	/	14	F	2013-01-01
H04W		8	/	16	A	2013-01-01
H04W		64	/	00	I	2013-01-01
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CPC Combination Sets							
Symbol					**Type**	**Set**	**Ranking**	**Version**
			/					
			/					

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	20	
/ALLAHYAR KASRAIAN/ Primary Examiner.Art Unit 2642	06/28/2015	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	3	17

U.S. Patent and Trademark Office — Part of Paper No. 20150628

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11462201	MULLEN, JEFFREY D.
	Examiner	**Art Unit**
	ALLAHYAR KASRAIAN	2642

US ORIGINAL CLASSIFICATION		INTERNATIONAL CLASSIFICATION										
CLASS	SUBCLASS	CLAIMED					NON-CLAIMED					
455	456.1	H	0	4	W	24 / 00 (2009.01.01)						

CROSS REFERENCE(S)					
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				
455	456.2	456.3	457		

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	20	
/ALLAHYAR KASRAIAN/ Primary Examiner.Art Unit 2642	06/28/2015	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	3	17

U.S. Patent and Trademark Office

Part of Paper No. 20150628

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11462201	MULLEN, JEFFREY D.
	Examiner	**Art Unit**
	ALLAHYAR KASRAIAN	2642

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
	1	13	17												
	2	14	18												
1	3	17	19												
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7	13														
10	14														
11	15														
12	16														

NONE (Assistant Examiner)	(Date)	**Total Claims Allowed:** 20	
/ALLAHYAR KASRAIAN/ Primary Examiner.Art Unit 2642 (Primary Examiner)	06/28/2015 (Date)	O.G. Print Claim(s) 3	O.G. Print Figure 17

U.S. Patent and Trademark Office Part of Paper No. 20150628

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO **THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT** (use as many sheets as necessary)				***Complete if known***	
				Application Number	11/462,201
				Filing Date	August 3, 2006
				First Named Inventor	Jeffrey D. Mullen
				Art Unit	2642
				Examiner Name	Kasraian, Allahyar
Sheet	1	of	1	**Attorney Docket Number**	JDM/002 CON3

U.S. PATENT DOCUMENTS

Examiner initials*	Cite No.[1]	Document Number Number – Kind Code[2] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		7,010,110	03/2006	Jorasch et al.	
		7,130,630	10/2006	Enzmann	
		7,324,823	01/2008	Rosen	
		8,478,304	07/2013	David et al.	
		2002/0141434	10/2002	Grundvig	
		2002/0183059	12/2002	Noreen et al.	
		2004/0038706	02/2004	Wasser et al.	
		2005/0222756	10/2005	Davis et al.	
		2009/005019	01/2009	Patel et al.	

FOREIGN PATENT DOCUMENTS

Examiner initials*	Cite No.[1]	Foreign Patent Document Country Code[3] - Number[4] - Kind Code[5] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]

NON PATENT LITERATURE DOCUMENTS

Examiner initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T[2]

Examiner Signature	/Allahyar Kasraian/	Date Considered	06/28/2015

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /A.K./

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9	("20020141434" | "20020183059" | "20040038706" | "20050222756" | "20090005019" | "7010110" | "7130630" | "7324823" | "8478304").PN.	US-PGPUB; USPAT	OR	ON	2015/06/28 11:19
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L4	49	((wireless mobile ce1154) same (log$1in log$1on) same (pass$1word pass$1code code "PIN" "ID") same (access$3 permi$6 allowS4) near9 (locat$4 position$3) same (first second mutualS4 each near other) same display$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/28 11:28
L5	98	((log$1in log$1on) with (pass$1word pass$1code code "PIN" "ID") same (access$3 permi$6 allowS4) near9 (locat$4 position$3) near2 information same2 display$3 with display$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/28 11:31
L6	32	5 AND ((H04W64/00 OR H04W8/14 OR H04W8/16 OR H04W4/02 OR H04W12/08 OR H04W8/005 OR H04W4/04 OR H04L2209/80 OR G06F21/31 OR G06F17/30241 OR G01C21/00).CPC.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/28 11:53
S1	1	11/462201	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/03/08 00:39
S2	9	("20020138581" | "6716101" | "6725032").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/03/08 00:44
S3	183	("20020138581" | "6716101" | "6725032").PN. ("20010048364" | "20010055328" | "20020003470" | "20020086683" | "20020102989" | "20020115453" | "20020164998" | "20030001346" | "20030004743" | "20030013456" | "20030023726" | "20030069692" | "20030119522" | "20040033795" | "20040054428" | "20040077359" | "20050097595" |	US-PGPUB; USPAT	OR	ON	2015/03/08 00:47

		"20080299355" | "20090029717" | "20090197612" | "20120106728" | "5889474" | "5987019" | "5999124" | "6078578" | "6088586" | "6144336" | "6215863" | "6275554" | "6360102" | "6377565" | "6456854" | "6466788" | "6564064" | "6587691" | "6603977" | "6647257" | "6662014" | "6662614" | "6665389" | "6716101" | "6725032" | "6885874" | "6968179" | "6975998" | "6999777" | "7013148" | "7072956" | "7130630" | "7177651" | "7203674" | "7215965" | "7248872" | "7269426" | "7272220" | "7324823" | "7333776" | "7570958" | "7983947" | "8073087").PN. ("6716101").PN. ("20010029184" | "20020039904" | "5950137" | "6882856" | "6920328" | "7269428" | "7409429").PN. ("20030144009" | "6920328" | "7269428").PN. ("20010029184" | "20020039904" | "6920328" | "7269428" | "7409429").PN. ("20020042277" | "20040127231" | "20040180669" | "4654879" | "5043736" | "5086390" | "5097416" | "5197092" | "5305201" | "5327144" | "5337334" | "5341410" | "5384824" | "5388147" | "5442805" | "5479482" | "5502757" | "5519760" | "5537460" | "5548816" | "5551058" | "5555286" | "5719563" | "5767788" | "5778315" | "5796634" | "5805999" | "5815538" | "5832381" | "5847976" | "5875398" | "5890062" | "5920820" | "5929752" | "5950125" | "5961569" | "5961572" | "5978747" | "6023241" | "6028537" | "6032042" | "6035189" | "6035198" | "6038446" | "6047051" | "6049711" | "6061561" | "6091959" | "6138003" | "6157841" | "6166626" | "6173182" | "6201803" | "6208866" | "6236359" | "6236858" | "6240069" | "6246376" | "6246861" | "6256498" | "6256543" | "6259923" | "6275771" | "6311060" | "6314365" | "6317718" | "6321092" | "6324404" | "6330452" | "6360101" | "6360167" | "6374306" | "6377810" | "6393274" | "6397065" | "6400946" | "6400956" | "6408186" | "6421009" | "6438376" | "6438381" | "6446118" | "6449486" | "6532360" | "6564064" | "6580914" | "6580918" | "6584314" | "6603969" | "6611687" | "6618593" | "6618671" | "6622020" | "6628938" | "6677894" | "6714791" | "6716101" | "6735564" | "6778837" | "6795710" | "6798358" | "6799094" | "6806813" | "6816735" | "6826398" | "6836667" | "6870822" | "6879838" | "6882837" | "6912398" | "6912545" | "6920319" | "6928279" | "6932698" | "6944447" | "D464033").PN.				
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		allowS4) near9 (locat$4 position$3) same (first second mutualS4 each near other) same display$4).clm.	EPO; JPO; DERWENT; IBM_TDB			
S5	18	10/400296	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/03/09 10:14
S6	253	((Jeffrey) near2 (Mullen)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2015/03/09 10:29
S7	11	S6 and ((access$3 permi$6 allowS4) with (locat$4 position$3)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/03/09 10:30
S8	0	S6 and ((access$3 permi$6 allowS4) with (locat$4 position$3) same (log$1in log$1on) same (pass$1word pass$1code code "PIN")).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/03/09 10:43
S9	2	S6 and ((access$3 permi$6 allowS4) with (locat$4 position$3) and (log$1in log$1on)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/03/09 10:44
S10	278	"455"/$.ccls. and ((permi$6 allowS4) near4 (access$3 obtain$3) with (locat$4 position$3)) and (@ad<="20020325" @rlad<="20020325")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/03/09 11:07
S11	9	"455"/$.ccls. and (permi$6 allowS4) near4 (access$3 obtain$3) with (locat$4 position$3) same (pass$word$3 pass$code$3) and (@ad<="20020325" @rlad<="20020325")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/03/09 11:09
S12	4	S11 and (select$3 choos$3) with (enter maual$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/03/09 11:12
S13	400	("20020138581" | "6716101" | "6725032").PN. ("20010048364" | "20010055328" | "20020003470" | "20020086683" | "20020102989" | "20020115453" | "20020164998" | "20030001346" | "20030004743" | "20030013456" | "20030023726" | "20030069692" | "20030119522" | "20040033795" | "20040054428" | "20040077359" | "20050097595" | "20080299355" | "20090029717" | "20090197612" | "20120106728" | "5889474" | "5987019" | "5999124" |	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/03/09 11:14

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S17	1	11/485161	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/28 00:34
S18	25	(10/400296 11/387384 11/485161 11/834674 11/841734 11/841750)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/28 00:42

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S15	0	((wireless mobile ce1154) same (log$1in log$1on) same (pass$1word pass$1code code PIN ID) same (access$3 permi$6 allowS4) near9 (location position) same displayS4).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2015/03/09 09:24
S16	1	((wireless mobile ce11$4) same (log$1in log$1on) same (pass$1word pass$1code code "PIN" "ID") same (access$3 permi$6 allowS4) near9 (locat$4 position$3) same (first second mutualS4 (each near other)) same display$4 with (location position$3)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2015/03/09 09:27

6/28/2015 12:05:01 PM
C:\Users\akasraian\Documents\EAST\Workspaces\11462201_01.wsp

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11462201	MULLEN, JEFFREY D.
	Examiner	**Art Unit**
	ALLAHYAR KASRAIAN	2642

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
Final	Original	02/09/2009	11/17/2009	06/23/2010	02/09/2011	01/08/2013	06/12/2013	12/15/2013	03/09/2015	06/28/2015
	1	-	-	-	-	-	-	-	-	-
	2	-	-	-	-	-	-	-	-	-
1	3	✓	✓	✓	✓	✓	✓	✓	=	=
2	4	✓	✓	✓	✓	✓	✓	✓	=	=
8	5	✓	✓	✓	✓	✓	✓	✓	=	=
9	6	✓	✓	✓	✓	✓	✓	✓	=	=
15	7	✓	✓	✓	✓	✓	✓	✓	=	=
16	8	✓	✓	✓	✓	✓	✓	✓	=	=
3	9		✓	✓	✓	✓	✓	✓	=	=
4	10		✓	✓	✓	✓	✓	✓	=	=
5	11		✓	✓	✓	✓	✓	✓	=	=
6	12		✓	✓	✓	✓	✓	✓	=	=
7	13		✓	✓	✓	✓	✓	✓	=	=
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12	16		✓	✓	✓	✓	✓	✓	=	=
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19	21		✓	✓	✓	✓	✓	✓	=	=
20	22		✓	✓	✓	✓	✓	✓	=	=

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail **Mail Stop ISSUE FEE**
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11462201	08/03/2006	Jeffrey David Mullen	JDM/002CON3	4907

TITLE OF INVENTION:

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	$480	$0	$0	$480	10/02/2015

EXAMINER	ART UNIT	CLASS-SUBCLASS

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 _____

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

☑ Issue Fee

☑ Publication Fee (No small entity discount permitted)

☐ Advance Order - # of Copies _____

4b. Payment of Fee(s): **(Please first reapply any previously paid issue fee shown above)**

☐ A check is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☑ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 50-3855 (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature /Jeffrey D. Mullen/ Date 10/02/2015

Typed or printed name Jeffrey D. Mullen Registration No. 52,056

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Jeffrey D. Mullen
Application No.	:	11/462,201
Confirmation No.	:	4907
Filed	:	August 3, 2006
For	:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
Group Art Unit	:	2617
Examiner	:	KATHY W WANG-HURST

Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Pittsburgh, PA 15116
October 2, 2015

Amendment under 37 CFR 1.312 Amendment

Sir:

A 1.312 Amendment is being filed with payment of the issue fee. Applicant amends the application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 8 of this paper.

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-2. (cancelled).

3. (currently amended) A method comprising:

displaying on a first wireless telephonic device a plurality of users, wherein each one of said plurality of users is associated to a different one of a plurality of wireless telephonic devices;

receiving on said first wireless telephonic device a first manual input in a ~~the~~ form of a selection of one of said plurality of users;

receiving on said first wireless telephonic device an input in a ~~the~~ form of a login and a second manual input in a ~~the~~ form of a password;

determining whether to allow access of location information for said one of said plurality of wireless telephonic devices associated to said selected one of said plurality of users, wherein said determination includes identifying said user of said first wireless telephonic device from said plurality of users using said login and determining said password is associated with said login and determining whether said selected one of said plurality of users has provided access rights for said location information to said user of said first wireless telephonic device, and said first wireless telephonic device is operable to assign location access rights to said one of said plurality of wireless telephonic devices associated with said selected one of

said plurality of users for obtaining a location of said first wireless telephonic device;

transmitting said location information from a server to said first wireless telephonic device; and

displaying said location information on said first wireless device.

4. (previously presented) The method of claim 3, wherein a positioning system is utilized to provide said location information.

5. (previously presented) A method comprising:

displaying on a wireless device a first name associated to a first wireless telephonic device and a second name associated to a second wireless telephonic device;

accepting a selection of said first name on said wireless device;

receiving manual input entered into said wireless device that includes a login and a password;

determining whether to transmit location information associated to said first wireless telephonic device from a server to said wireless device, wherein said determining includes performing an identification process based, at least in part, on said manual input to identify the user of said wireless device and determining whether said first wireless telephonic device has provided access rights for said location information for said identified user and said server is located remotely from said wireless device, said first wireless telephonic device, and said second wireless telephonic device, and said wireless device is operable to assign location access rights to said first wireless telephonic device for obtaining a location of said wireless device;

transmitting said location information to said wireless device based on said determination; and

displaying said location information on said wireless device.

6. (previously presented) The method of claim 5, wherein a positioning system is utilized to provide said location information.

7. (currently amended) A method comprising:

accepting on a first wireless device a manual selection representative of a second wireless device from a list representative of a plurality of wireless devices;

locating said second wireless device;

determining on a server whether said second wireless device has provided permission for said first wireless device to locate said second wireless device based, at least in part, on an ~~the~~ identification of a login, that identifies the user of said first wireless device from a plurality of users, and password received by said first wireless device that is associated with said login and determining whether said user is associated with said permission, and said first wireless device is operable to assign a second permission to said second wireless device for obtaining second location information of said first wireless device;

providing location information to said first wireless device based on said determination; and

displaying a map on said first wireless device with a marker representative of the location of said second wireless device.

8. (previously presented) The method of claim 7, wherein a positioning system is utilized to provide said location information.

9. (previously presented) The method of claim 3, wherein said selection occurs on a first display screen and a second display screen is provided on said first wireless telephonic device during said determination.

10. (previously presented) The method of claim 3, wherein said selection occurs on a first display screen, a second display screen is provided on said first wireless telephonic device during said determination, and a third display screen is provided on said first wireless device after said location information is transmitted to said first wireless telephonic device.

11. (previously presented) The method of claim 3, wherein said selection occurs on a first display screen, a second display screen is provided on said first wireless telephonic device during said determination, a third display screen is provided on said first wireless device after said location information is transmitted to said first wireless telephonic device, and a fourth display screen is provided that includes an option to obtain directions from said first wireless telephonic device to said one of said plurality of wireless telephonic devices associated to said selected one of said plurality of users.

12. (previously presented) The method of claim 3, further comprising receiving a third manual input, wherein said first wireless telephonic device assigned

location access rights to said one of said plurality of wireless telephonic devices associated with said selected one of said plurality of users for obtaining a location of said first wireless telephonic device and said third manual input modifies said location access rights.

13. (previously presented) The method of claim 3, wherein a triangulation process is utilized to provide said location information.

14. (previously presented) The method of claim 5, wherein said selection occurs on a first display screen and a second display screen is provided on said wireless device during said determination.

15. (previously presented) The method of claim 5, wherein said selection occurs on a first display screen, a second display screen is provided on said wireless device during said determination, and a third display screen is provided on said wireless device after said location information is transmitted to said wireless device.

16. (previously presented) The method of claim 5, wherein said selection occurs on a first display screen, a second display screen is provided on said wireless device during said determination, a third display screen is provided on said wireless device after said location information is transmitted to said wireless device, and a fourth display screen is provided that includes an option to obtain directions from said wireless telephonic device to said first wireless telephonic device.

17. (previously presented) The method of claim 5, further comprising receiving a third manual input, wherein said wireless device assigned location access rights to said first wireless telephonic device for obtaining a location of said wireless device and said third manual input modifies said location access rights.

18. (previously presented) The method of claim 5, further comprising receiving a third manual input, wherein said wireless device assigned location access rights to said first wireless telephonic device for obtaining a location of said wireless device, said third manual input modifies said location access rights, and determining a travel time between said wireless device and said first wireless telephonic device.

19. (previously presented) The method of claim 7, wherein said password is received on a first display screen.

20. (previously presented) The method of claim 7, wherein said password is received on a first display screen and said login is received on a second display screen.

21. (previously presented) The method of claim 7, wherein said manual selection occurs on a first display screen and a second display screen is provided on said first wireless device during said determination.

22. (previously presented) The method of claim 7, wherein said manual selection occurs on a first display screen, a second display screen is provided on said first wireless device during said determination, and

a third display screen is provided on said first wireless device after said location information is transmitted to said first wireless device.

REMARKS/ARGUMENTS

Summary of Office Action

The claims are allowed.

Summary of Applicant's 3.12 Amendments

Applicant has amended claims 3 and 7 to change typographical inconsistencies alleged by the Examiner.

Conclusion

The Director is hereby authorized to charge and fees due in conjunction with this filing, or to credit any overpayment of the same, to Deposit Account No. 50-3855.

Respectfully Submitted,

/Jeffrey D. Mullen/
Jeffrey D. Mullen
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Glenshaw, PA 15116
Tel.: (914) 837-7741

Electronic Patent Application Fee Transmittal

Application Number:	11462201
Filing Date:	03-Aug-2006
Title of Invention:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
First Named Inventor/Applicant Name:	Jeffrey D. Mullen
Filer:	Jeffrey David Mullen
Attorney Docket Number:	JDM/002 CON3

Filed as Small Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Utility Appl Issue Fee	2501	1	480	480

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Extension-of-Time:				
Miscellaneous:				
			Total in USD ($)	**480**

Electronic Acknowledgement Receipt	
EFS ID:	23681731
Application Number:	11462201
International Application Number:	
Confirmation Number:	4907
Title of Invention:	SYSTEMS AND METHODS FOR LOCATING CELLULAR PHONES AND SECURITY MEASURES FOR THE SAME
First Named Inventor/Applicant Name:	Jeffrey D. Mullen
Customer Number:	32733
Filer:	Jeffrey David Mullen
Filer Authorized By:	
Attorney Docket Number:	JDM/002 CON3
Receipt Date:	02-OCT-2015
Filing Date:	03-AUG-2006
Time Stamp:	17:15:16
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	$480
RAM confirmation Number	4072
Deposit Account	503855
Authorized User	MULLEN, JEFFREY D.
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 (National application filing, search, and examination fees) Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)	

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Issue Fee Payment (PTO-85B)	JDM-002CON3--ptol85b.pdf	72608 46f9ae4d7cc9e61029a8d96aa4c261c142e25761	no	2
Warnings:					
Information:					
2		JDM-002CON3-1312Amendment.pdf	145454 02439c417a7e858e96489ff9b1aebf3241687eb0	yes	9

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Amendment after Notice of Allowance (Rule 312)	1	1
	Claims	2	7
	Applicant Arguments/Remarks Made in an Amendment	8	9

Warnings:					
Information:					
3	Fee Worksheet (SB06)	fee-info.pdf	30422 229e5284105188c7c21872f00226981b4c5e76d7	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	248484		

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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.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/462,201	08/03/2006	Jeffrey D. Mullen	JDM/002 CON3	4907

32733 7590 10/21/2015

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EXAMINER	
KASRAIAN, ALLAHYAR	

ART UNIT	PAPER NUMBER
2642	

MAIL DATE	DELIVERY MODE
10/21/2015	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Response to Rule 312 Communication	Application No.	Applicant(s)
	11/462,201	MULLEN, JEFFREY D.
	Examiner	Art Unit
	ALLAHYAR KASRAIAN	2642

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address –

1. ☒ The amendment filed on *02 October 2015* under 37 CFR 1.312 has been considered, and has been:

a) ☒ entered.

b) ☐ entered as directed to matters of form not affecting the scope of the invention.

c) ☐ disapproved because the amendment was filed after the payment of the issue fee.
Any amendment filed after the date the issue fee is paid must be accompanied by a petition under 37 CFR 1.313(c)(1) and the required fee to withdraw the application from issue.

d) ☐ disapproved. See explanation below.

e) ☐ entered in part. See explanation below.

/ALLAHYAR KASRAIAN/
Primary Examiner, Art Unit 2642

Substitute for form 1449A/PTO				**Complete if known**	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				**Application Number**	11/462,201
				Filing Date	August 3, 2006
				First Named Inventor	Jeffrey D. Mullen
				Art Unit	~~2614~~ 2642
(use as many sheets as necessary)				**Examiner Name**	~~Not Yet Assigned~~
Sheet	3	of	7	**Attorney Docket Number**	JDM/002 CON3

		6,201,803	03/13/2001	Munday et al.	
		6,208,866	03/27/2001	Rouhollahzadeh et al.	
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		6,408.186	06/18/2002	Park et al.	102(e) 06/21/2000

Change(s) applied to document, /S.J.W./ 12/8/2014

Examiner Signature	/Rafael Pérez-Gutiérrez/	Date Considered	12/1/2014

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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Substitute for form 1449A/PTO				**Complete if known**	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				**Application Number**	11/462,201
				Filing Date	August 3, 2006
				First Named Inventor	Jeffrey D. Mullen
				Art Unit	~~2614~~ 2642
(use as many sheets as necessary)				**Examiner Name**	~~Not Yet Assigned~~
Sheet	4	of	7	**Attorney Docket Number**	JDM/002 CON3

		6,421,009	07/16/2002	Suprunov	102(e) 05/08/1998
		6,438,376	08/20/2002	Elliott et al.	102(e) 05/11/1999
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Examiner Signature	/Rafael Pérez-Gutiérrez/	Date Considered	12/1/2014

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/462,201	08/03/2006	Jeffrey D. Mullen	JDM/002 CON3	4907

32733 7590 11/09/2015

JEFFREY D. MULLEN
2212 Hassinger Lane
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EXAMINER	
KASRAIAN, ALLAHYAR	

ART UNIT	PAPER NUMBER
2642	

MAIL DATE	DELIVERY MODE
11/09/2015	PAPER

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APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
11/462,201	03 August, 2006	MULLEN, JEFFREY D.	JDM/002 CON3

		EXAMINER	
JEFFREY D. MULLEN 2212 Hassinger Lane Glenshaw, PA 15116		ALLAHYAR KASRAIAN	
		ART UNIT	PAPER
		2642	20151103

DATE MAILED:

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Commissioner for Patents

Information Disclosure Statement

The information disclosure statement submitted on 12/23/2014 has been re-considered by the Examiner and made of record in the application file.

Note:

On sheet 2 of the IDS filed on 12/23/2014, the 16th document number (2001/9948364) is invalid. Examiner believes the correct number is 2001/0048364. Applicant's cooperation is respectfully requested if it is believed the indicated number is incorrect.

/ALLAHYAR KASRAIAN/
Primary Examiner, Art Unit 2642

PTO-90C (Rev.04-03)

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO **SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT** (use as many sheets as necessary)				***Complete if known***	
				Application Number	11/462,201
				Filing Date	August 3, 2006
				First Named Inventor	Jeffrey D. Mullen
				Art Unit	4907
				Examiner Name	~~Rafael Perez-Gutierrez~~
Sheet	1	of	1	**Attorney Docket Number**	JDM/002 CON3

U.S. PATENT DOCUMENTS

Examiner initials*	Cite No.[1]	Document Number Number – Kind Code[2] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Examiner Signature	/Allahyar Kasraian/	Date Considered	11/03/2015

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				Application Number	11/462,201
				Filing Date	August 3, 2006
				First Named Inventor	Jeffrey D. Mullen
				Art Unit	4907
				Examiner Name	Allahyar Kasraian ~~Rafael Perez-Gutierrez~~
Sheet	2	of	1	**Attorney Docket Number**	JDM/002 CON3

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		7,570,958	08/2008	Krasner	
		7,983,947	07/2011	Kaiwa et al.	
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				First Named Inventor	Jeffrey D. Mullen
				Art Unit	4907
(use as many sheets as necessary)				**Examiner Name**	Allahyar Kasraian ~~Rafael Perez Gutierrez~~
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Sheet 3 of 1

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		2003/0023726	01/2003	Rice et al.	
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/T.W./
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /A.K./

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SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if known	
Application Number	11/462,201
Filing Date	August 3, 2006
First Named Inventor	Jeffrey D. Mullen
Art Unit	4907
Examiner Name	Allahyar Kasraian ~~Rafael Perez-Gutierrez~~
Attorney Docket Number	JDM/002 CON3

U.S. PATENT DOCUMENTS

Examiner initials*	Cite No.[1]	Document Number Number – Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		5,889,474	03/1999	LaDue	
		5,987,019	11/1999	Raith	
		5,999,124	12/1999	Sheynblat	
	6	~~5~~,999,777	02/2006	Ganesh	
		6,078,578	06/2000	Matsumoto	
		6,088,586	07/2000	Haverty	
		6,144,336	11/2000	Preston et al.	
		6,215,863	04/2001	Bennett et al.	
		6,275,~~554~~ 544	08/2001	Aiello	
		6,360,102	03/2002	Havinis	
		6,377,565	04/2002	Puckette	
		6,456,854	09/2002	Chern	
		6,466,788	10/2002	Carlssen	
		6,564,064	05/2003	Ciganer	
		6,587,691	07/2003	Granstam	
		6,603,977	08/2003	Walsh et al	
		6,647,257	11/2003	Owensby	
		6,662,014	12/2003	Walsh et al	
		6,662,614	12/2003	Lim	
		6,665,389	12/2003	Haste III	
		6,716,101	04/2004	Meadows et al.	
		6.725,032	04/2004	Sheridan et al.	
		6,885,874	04/2005	Grube	

Change(s) applied to document, /T.W./ 10/26/2015

Examiner Signature	/Allahyar Kasraian/	Date Considered	03/08/2015

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
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APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/462,201	12/01/2015	9204283	JDM/002 CON3	4907

32733 7590 11/11/2015

JEFFREY D. MULLEN
2212 Hassinger Lane
Glenshaw, PA 15116

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment is 847 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site http://pair.uspto.gov for additional applicants):

Jeffrey D. Mullen, New York, NY;

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The USA offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to encourage and facilitate business investment. To learn more about why the USA is the best country in the world to develop technology, manufacture products, and grow your business, visit SelectUSA.gov.

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Western District of Texas - Waco Division on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
6:22-cv-00145	2/9/2022	Western District of Texas - Waco Division

PLAINTIFF	DEFENDANT
Mullen Industries LLC	Apple Inc.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	8,374,575	2/12/2013	Mullen Industries LLC
2	9,204,283	12/1/2015	Mullen Industries LLC
3	9,635,540	4/25/2017	Mullen Industries LLC
4	11,096,039	8/17/2021	Mullen Industries LLC
5	11,109,218	8/31/2021	Mullen Industries LLC

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Western District of Texas - Waco Division on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
6:22-cv-00145	2/9/2022	Western District of Texas - Waco Division

PLAINTIFF	DEFENDANT
Mullen Industries LLC	Apple Inc.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	11,122,418	9/14/2021	Mullen Industries LLC
2	11,190,633	11/30/2021	Mullen Industries LLC
3	11,234,117	1/25/2022	Mullen Industries LLC
4	11,246,024	2/8/2022	Mullen Industries LLC
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

Trials@uspto.gov
571-272-7822

Paper 9
Date: May 9, 2023

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

APPLE INC.,
Petitioner,

v.

MULLEN INDUSTRIES LLC,
Patent Owner.

IPR2023-00091
Patent 9,204,283 B2

Before JEFFREY S. SMITH, BARBARA A. PARVIS, and JAMES J. MAYBERRY, *Administrative Patent Judges.*

Opinion by the Board filed by *Administrative Patent Judge* MAYBERRY.

Opinion Concurring filed by *Administrative Patent Judge* PARVIS.

DECISION
Granting Institution of *Inter Partes* Review
35 U.S.C. § 314

I. INTRODUCTION

A. Background and Summary

Apple Inc. ("Petitioner") filed a Petition requesting an *inter partes* review of claims 1–20 (the "Challenged Claims") of U.S. Patent No. 9,204,283 B2 (Ex. 1002, the "'283 patent"). Paper 1 ("Pet."). Mullen Industries LLC ("Patent Owner") filed a Preliminary Response. Paper 7 ("Prelim. Resp.").

We have authority to determine whether to institute review under 35 U.S.C. § 314 and 37 C.F.R. § 42.4. To institute an *inter partes* review, we must determine that the information presented in the Petition shows "a reasonable likelihood that the petitioner would prevail with respect to at least [one] of the claims challenged in the petition." 35 U.S.C. § 314(a) (2018). For the reasons set forth below, upon considering the Petition, Preliminary Response, and evidence of record, we institute an *inter partes* review.

B. Real Parties-in-Interest

Petitioner identifies itself, Apple Inc., as the real party-in-interest. Pet. 72. Patent Owner names itself, Mullen Industries LLC, as the real party-in-interest. Paper 3, 1.

C. Related Matters

Pursuant to 37 C.F.R. § 42.8(b)(2), the parties inform us that the '283 patent is involved in the following district court case: *Mullen Industries LLC v. Apple Inc.*, C.A. No. 6:22-cv-00145-ADA (W.D. Tex., filed Feb. 9, 2022). Pet. 73; Paper 3, 1. Petitioner indicates this case was transferred and assigned Case No. 3:23-cv-00437 (NDCA, filed Jan. 31, 2023). Paper 6, 2. Patent Owner identifies *inter partes* review proceedings for patents related to the '283 patent: IPR2023-00087, IPR2023-00090, IPR2023-00096, IPR2023-00097, IPR2023-00098, IPR2023-00115, IPR2023-00116,

IPR2023-00117, IPR2023-00148, and IPR2023-00149. Paper 3, 1–2; Prelim. Resp. 2.

D. The '283 Patent

The '283 patent, titled "Systems and Methods for Locating Cellular Phones and Security Measures for the Same," issued December 1, 2015, from an application filed August 3, 2006. Ex. 1002, codes (54), (45), (22). The '283 patent claims priority ultimately to a provisional application filed March 25, 2002. *Id.*, code (60). The '283 patent relates to remotely determining a device's location. *Id.* at 1:17–20. More specifically, the patent describes "systems and methods for allowing a user of a cellular phone (e.g., a requesting user or a requester) to locate the position of a different user's cellular phone (e.g., a requested user) based upon requestor-assigned access rights." *Id.* at 1:38–43.

According to the '283 patent, a process initiates when a user requests the location of another user's cell phone, and then the process evaluates if the user initiating the location request has the rights to access the location of the desired user. Ex. 1002, 4:50–53. If no access rights for the requesting user have been granted, the process informs the requesting user that the user has not been given access to the requested location. *Id.* at 4:53–56. But, if access has been given by a particular user that allows for the requesting user to locate that particular user, the allowed location information is provided, though the process may filter the information and only provide a portion of the available information. *Id.* at 4:62–67.

In addition to keeping track of granting rights for showing location information, the invention describes a user logging into a mobile device with a user id and password, for additional security. *Id.* at 9:64–10:2.

An example of a screen displaying location information is shown in Figure 6, reproduced below.

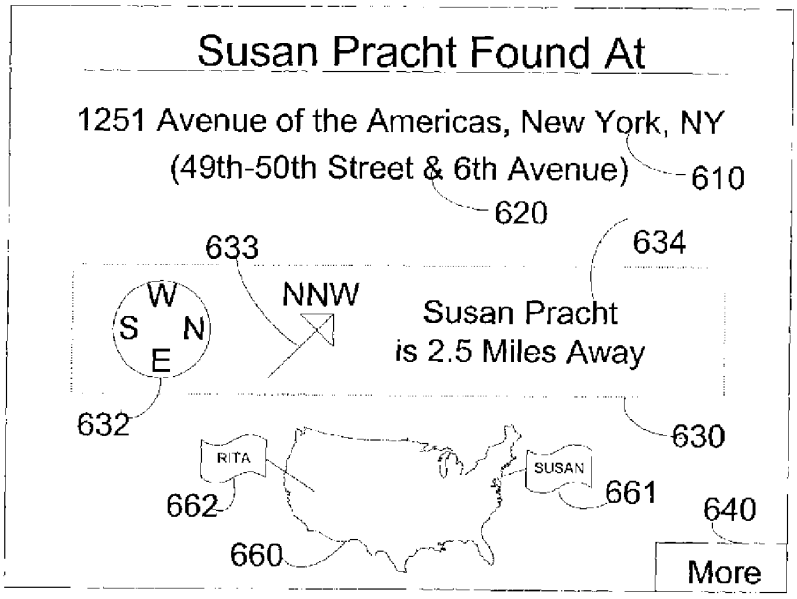


Figure 6, showing primary location information 610, as well as supplemental information, such as directional information 630, distance information 634, map 660, and the location of other users Rita and Susan, at 661 and 662.

E. Illustrative Claim

Petitioner challenges claims 1–20 of the '283 patent. Pet. 1. Claims 1, 8, and 15 are independent claims. Independent claim 1, reproduced below, is illustrative of the claimed subject matter.

> 1. A method comprising:
>
> displaying on a first wireless telephonic device a plurality of users, wherein each one of said plurality of users is associated to a different one of a plurality of wireless telephonic devices;
>
> receiving on said first wireless telephonic device a first manual input in a form of a selection of one of said plurality of users;
>
> receiving on said first wireless telephonic device an input in a form of a login and a second manual input in a form of a password;

> determining whether to allow access of location information for said one of said plurality of wireless telephonic devices associated to said selected one of said plurality of users,
>
> wherein said determination includes identifying said user of said first wireless telephonic device from said plurality of users using said login and determining said password is associated with said login and determining whether said selected one of said plurality of users has provided access rights for said location information to said user of said first wireless telephonic device, and
>
> said first wireless telephonic device is operable to assign location access rights to said one of said plurality of wireless telephonic devices associated with said selected one of said plurality of users for obtaining a location of said first wireless telephonic device;
>
> transmitting said location information from a server to said first wireless telephonic device; and
>
> displaying said location information on said first wireless device.

Ex. 1001, 12:63–13:25.

F. Prior Art and Asserted Grounds

Petitioner relies on the patent document references summarized in the table below.

Name	Patent Document	Exhibit
Enzmann	US 7,130,630 B1, issued Oct. 31, 2006	1040
Sheha	US 7,333,820 B2, issued Feb. 19, 2008	1041
Smith	US 6,084,951, issued Jul. 4, 2000	1059
Carey	US 6,714,793 B1, issued Mar. 30, 2004	1045
Wako	US 6,415,224 B1, issued Jul. 2, 2002	1062
Engberg	US 6,993,658 B1, issued Jan. 31, 2006	1048

Petitioner asserts that the Challenged Claims are unpatentable on the following grounds:

Ground	Claims Challenged	35 U.S.C. §[1]	Reference(s)/Basis
1	1–20	103(a)	Sheha, Smith, Carey, Enzmann, Wako, and Engberg
2	1–20	103(a)	Enzmann, Smith, Carey, Sheha, Wako, and Engberg

Pet. 3.

Petitioner also relies on the declaration testimony of David H. Williams. *See* Ex. 1021 (providing the Declaration[2]).

The following subsections provide brief descriptions of the asserted prior art references.

1. Sheha

Sheha, titled "System and Method for Providing Routing, Mapping, and Relative Position Information to Users of a Communication Network," issued February 19, 2008, from an application filed July 11, 2002. Ex. 1041, codes (54), (45), (22). Sheha claims priority to a provisional application

[1] The Leahy-Smith America Invents Act ("AIA"), Pub. L. No. 112-29, 125 Stat. 284, 296–07 (2011), took effect on September 16, 2011. The changes to 35 U.S.C. §§ 102 and 103 in the AIA do not apply to any patent application filed before March 16, 2013. Because the '283 patent issued from an application filed before March 16, 2013, we refer to the pre-AIA version of the statute.

[2] Mr. Williams's Declaration is organized into a main section (which Petitioner references as Exhibit 1021) and Appendixes dedicated to each of the patents challenged in the related *inter partes* review proceedings. The '283 patent is addressed in Appendix 2 and Petitioner references that portion of the Declaration as Exhibit 1021-2.

filed July 17, 2001.[3] *Id.* at code (60); *see also* Ex. 1042 (providing the provisional application). Sheha allows a caller and a receiver of a telephone call to provide to, and receive from, each other position information of the caller and/or receiver's physical location, including each address. Ex. 1041, code (57). Sheha addresses a need for

> a system that determines local and/or remote position information which does not require an extensive collection of DVD or CD-ROM discs, which is able to provide location and destination address or position information given a telephone number, and which is up-to-date and reliable and can be accessed via a networked online server(s).

Id. at 2:43–49.

Sheha discloses a computer, called an online database and application server ("ODAS"), which stores telephone and address information. Ex. 1041, 7:51–55. Each calling and receiving user must login to ODAS. *Id.* at 8:40–46. Subsequently, the ODAS provides the address information, so it can be displayed to a user. *Id.* at 7:55–57. In a wireless-to-wireless device call, each device provides its location to the ODAS, which can then provide the information to the other user, based on privacy setting or a group database. *Id.* at 11:3–26, 11:63–12:7.

2. Enzmann

Enzmann, titled "Location Query Service for Wireless Networks," issued October 31, 2006, from an application filed on December 19, 2000. Ex. 1040, codes (54), (45), (22). Enzmann seeks to provide location information, based on the enhanced wireless 911 service network's capabilities. *Id.* at 1:11–45. Enzmann describes a "location system 120,"

[3] At this stage of the proceeding, Patent Owner does not dispute that Sheha is entitled to priority of the provisional application filed July 17, 2001.

within a communications network, which provides location information, such as position coordinates, for a handheld device, which it secures from wireless network services. *Id.* at 4:24–38. A user submits a location query to a server, which query may include a password. *Id.* at 6:41–48. The location server 100 determines if the requestor is authorized, and if the user about whom the information is requested has permitted it, then seeks location information about the device from the wireless network, and returns it to the requesting user. *Id.* at 7:12–8:67.

Figure 1, reproduced below, shows a diagram of the Enzmann system of one embodiment.

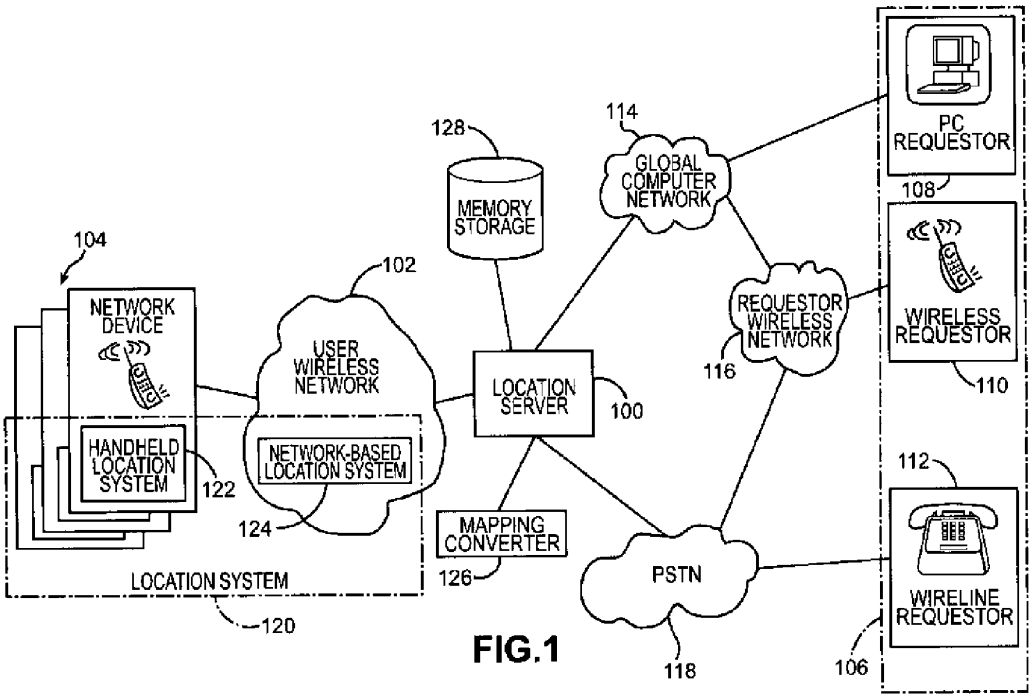


FIG.1

Figure 1 shows location server 100, location system 120, user network devices 104, and requestors 108 and 110. Ex. 1040, 3:53–4:4.

3. Smith

Smith, titled "Iconized Name List," issued July 4, 2000. Ex. 1059, codes (54), (45). Relevant to this proceeding, Smith discloses a contact list for a wireless device. *See id.* at 1:42–48 ("Also available today are communicators that facilitate . . . communication such as voice, faxes, SMS (Short Messaging Services) messages, and Internet-related applications. One such product offers a 'contacts' feature for managing contact information including names, telephone numbers, and addresses.").

4. Carey

Carey, titled "Method and System for Instant Messaging Across Cellular Networks and a Public Data Network," issued March 30, 2004, from an application filed March 6, 2000. Ex. 1045, codes (54), (45), (22). Relevant to this proceeding, Carey discloses manually entering a user identification and a password into a user interface on a wireless device. *See id.* at 7:65–8:10 ("F[igure] 8[] illustrate[s an] example user interface[] . . . for mobile unit device interactions." . . . [A] wireless instant messaging sign on window 200 includes data fields for entry of the user's screen name 202 and password 204."), Fig. 8 (depicting the user interface for entering the screen name and password).

5. Wako

Wako, titled "Display method and Apparatus for Navigation System," issued July 2, 2002, from an application filed February 6, 2001. Ex. 1062, codes (54), (43), (22). Relevant to this proceeding, Wako discloses a "navigation system for displaying information necessary for guiding a driver of a vehicle." *Id.* at code (57).

6. Engberg

Engberg, titled "Use of Personal Communication Devices for User Authentication," issued January 31, 2006, from an application filed March 6, 2000. Ex. 1048, codes (54), (45), (22). Relevant to this proceeding, Endberg discloses "a system through which user tokens required for user authentication arc supplied through personal communication devices such as mobile telephones and pagers." *Id.* at 1:9–11. In an embodiment, a user enters a user ID into a first screen to request a token, and the user enters a passcode and token into a second screen. *See id.* at 6:44–46, Figs. 2C–2D.

II. ANALYSIS

A. Legal Standards

Section 103(a) forbids issuance of a patent when "the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains." *KSR Int'l Co. v. Teleflex Inc.*, 550 U.S. 398, 406 (2007). The question of obviousness is resolved on the basis of underlying factual determinations, including: (1) the scope and content of the prior art; (2) any differences between the claimed subject matter and the prior art; (3) the level of ordinary skill in the art; and (4) when available, evidence such as commercial success, long felt but unsolved needs, and failure of others.[4] *Graham v. John Deere Co.*, 383 U.S. 1, 17–18 (1966); *see KSR*, 550 U.S. at 407 ("While the sequence of these questions might be reordered

[4] The parties do not direct us to any objective evidence of non-obviousness at this stage of the proceeding.

in any particular case, the [Graham] factors continue to define the inquiry that controls."). The Court in *Graham* explained that these factual inquiries promote "uniformity and definiteness," for "[w]hat is obvious is not a question upon which there is likely to be uniformity of thought in every given factual context." 383 U.S. at 18.

The Supreme Court made clear that we apply "an expansive and flexible approach" to the question of obviousness. *KSR*, 550 U.S. at 415. Whether a patent claiming the combination of prior art elements would have been obvious is determined by whether the improvement is more than the predictable use of prior art elements according to their established functions. *Id.* at 417. To support this conclusion, however, it is not enough to show merely that the prior art includes separate references covering each separate limitation in a challenged claim. *Unigene Labs., Inc. v. Apotex, Inc.*, 655 F.3d 1352, 1360 (Fed. Cir. 2011). Rather, obviousness additionally requires that a person of ordinary skill at the time of the invention "would have selected and combined those prior art elements in the normal course of research and development to yield the claimed invention." *Id.*

"[O]bviousness must be determined in light of *all the facts*, and . . . a given course of action often has simultaneous advantages and disadvantages, and this does not necessarily obviate motivation to combine" teachings from multiple references. *Medichem, S.A. v. Rolabo, S.L.*, 437 F.3d 1157, 1165 (Fed. Cir. 2006) (emphasis added); *see also PAR Pharm., Inc. v. TWI Pharms., Inc.*, 773 F.3d 1186, 1196 (Fed. Cir. 2014) ("The presence or absence of a motivation to combine references in an obviousness determination is a pure question of fact."). As a factfinder, we also must be

aware "of the distortion caused by hindsight bias and must be cautious of arguments reliant upon *ex post* reasoning." *KSR*, 550 U.S. at 421.

"The 'reasonable likelihood' standard is a somewhat flexible standard that allows the Board room to exercise judgment." Patent Trial and Appeal Board Consolidated Trial Practice Guide 53 (Nov. 2019), *available at* https://www.uspto.gov/TrialPracticeGuideConsolidated.

B. Level of Ordinary Skill in the Art

The level of skill in the art is "a prism or lens" through which we view the prior art and the claimed invention. *Okajima v. Bourdeau*, 261 F.3d 1350, 1355 (Fed. Cir. 2001). "This reference point prevents . . . factfinders from using their own insight or, worse yet, hindsight, to gauge obviousness." *Id.* Factors pertinent to a determination of the level of ordinary skill in the art include: (1) educational level of the inventor; (2) type of problems encountered in the art; (3) prior art solutions to those problems; (4) rapidity with which innovations are made; (5) sophistication of the technology; and (6) educational level of workers active in the field. *Env't Designs, Ltd. v. Union Oil Co.*, 713 F.2d 693, 696–97 (Fed. Cir. 1983) (citing *Orthopedic Equip. Co. v. All Orthopedic Appliances, Inc.*, 707 F.2d 1376, 1381–82 (Fed. Cir. 1983)). Not all such factors may be present in every case, and one or more of these or other factors may predominate in a particular case. *Id.* Moreover, these factors are not exhaustive but are merely a guide to determining the level of ordinary skill in the art. *Daiichi Sankyo Co. v. Apotex, Inc.*, 501 F.3d 1254, 1256 (Fed. Cir. 2007). In determining a level of ordinary skill, we also may look to the prior art, which may reflect an appropriate skill level. *Okajima*, 261 F.3d at 1355.

Petitioner contends that a person of ordinary skill in the art the time of the invention

> would have had at least a bachelor of science degree in computer science, computer engineering, electrical engineering, or a similar degree with one or two years of experience with wireless networks and devices, such as cell phones and personal digital assistants ('PDAs') as well as wireless positioning technologies such as GPS or triangulation.

Pet. 10 (citing Ex. 1021 ¶¶ 42–45). Petitioner also asserts "[a]dditional practical experience would substitute for lack of a formal degree." *Id.*

At this time, Patent Owner does not address the level of ordinary skill in the art.

On the current record, we find Petitioner's proposal is consistent with the level of skill reflected in the '283 patent Specification and the prior art of record. *See Okajima v. Bourdeau*, 261 F.3d 1350, 1355 (Fed. Cir. 2001). We adopt Petitioner's proposal for the purposes of this Decision.

C. Claim Construction

We construe the Challenged Claims by applying "the same claim construction standard that would be used to construe the claim in a civil action under 35 U.S.C. [§] 282(b)," which is articulated in *Phillips v. AWH Corp.*, 415 F.3d 1303 (Fed. Cir. 2005) (en banc); 37 C.F.R. § 42.100(b) (2022). Under this standard, the words of a claim generally are given their "ordinary and customary meaning," which is the meaning the term would have to a person of ordinary skill at the time of the invention, in the context of the entire patent including the specification. *Phillips*, 415 F.3d at 1312–13.

Petitioner asserts that "[n]one of the claim terms of the '283 Patent need be construed by the Board." Pet. 11. Patent Owner does not address claim construction at this stage of the proceeding.

Based on the record before us, we do not need to construe explicitly any claim term to resolve the parties' disputes at this stage of the proceeding. *See Realtime Data, LLC v. Iancu*, 912 F.3d 1368, 1375 (Fed. Cir. 2019) ("The Board is required to construe 'only those terms that . . . are in controversy, and only to the extent necessary to resolve the controversy.'") (quoting *Vivid Techs., Inc. v. Am. Sci. & Eng'g, Inc.*, 200 F.3d 795, 803 (Fed. Cir. 1999)). To the extent that the scope of any particular claim term requires discussion, however, we provide the discussion in our assessment of the challenges.

D. Ground 1: Claims 1–20 as unpatentable under 35 U.S.C. 103(a) over Sheha, Smith, Carey, Enzmann, Wako, and Engberg

Petitioner contends that claims 1–20 are unpatentable over the combined teachings of Sheha, Smith, Carey, Enzmann, Wako, and Engberg. Pet. 3, 17–20, 24–46. We analyze below the scope and content of the prior art and any differences between the prior art and the claimed invention, along with Petitioner's contentions with respect to why a person having ordinary skill in the art would have combined the teachings of Sheha, Smith, Carey, Enzmann, Wako, and Engberg to arrive at the claimed invention.

1. Independent Claim 1

We address Petitioner's contentions with respect to claim 1, and any counter arguments from Patent Owner, on a limitation-by-limitation basis. We address these limitations consistent with how Petitioner has parsed claim 1. *See, e.g.*, Pet. 7–8 (providing Petitioner's numbering for sub-elements of claim 1).

a) Displaying users step (1(a))

Claim 1 recites a method comprising the step of "displaying on a first wireless telephonic device a plurality of users, wherein each one of said plurality of users is associated to a different one of a plurality of wireless telephonic devices." Ex. 1002, 12:63–67 (the "displaying users" step (1(a)) of claim 1). Petitioner contends that Sheha teaches a mobile device to mobile device communication system where the mobile devices "can request and obtain the locations of other mobile devices." Pet. 24–25 (referencing Ex. 1041, code (57), 10:66–11:51, 11:55–12:8, Fig. 3; Ex. 1021-2 ¶¶ 11, 12).

Petitioner contends that "[i]t was well-known before the priority date of the '283 Patent to allow users to view lists of contacts stored by their wireless devices." Pet. 25 (referencing Ex. 1021-2 ¶ 13). Petitioner contends that Smith discloses displaying a contact list on a wireless device. *Id.* (referencing Ex. 1059, Fig. 15A; Ex. 1021-2 ¶¶ 13–14); *see also id.* at 26 (providing Smith's Figure 15A). Petitioner concludes that "[i]t would have been obvious to include the standard feature of a contact list into the Sheha wireless devices to enable a user to easily retrieve and select a contact of interest from among multiple saved contacts." *Id.* at 26 (referencing Ex. 1021 ¶ 202; Ex. 1021-2 ¶ 15; Pet. § VI.A[5]).

Upon review of the information in the Petition and corresponding evidence, we determine Petitioner has made a sufficient showing, at this stage of the proceeding, that the combination of Sheha and Smith teaches or suggests the "displaying users" step (1(a)) of claim 1. Patent Owner does

[5] Section VI.A of the Petition provides Petitioner's contentions with respect to motivation to combine Sheha with Smith, Carey, Wako, Enzmann, and Engberg. We address these contentions after we address the limitations of claim 1.

not dispute Petitioner's contentions with respect to this limitation at this stage of the proceeding.

b) Selecting a user step (1(b))

Claim 1 also recites the step of "receiving on said first wireless telephonic device a first manual input in a form of a selection of one of said plurality of users." Ex. 1002, 13:1–3 (the "selecting a user" step (1(b)) of claim 1). Petitioner contends that Sheha's device allows alphanumeric input and Smith discloses that a user can manually scroll through a contact list to identify a specific person. Pet. 26–27 (referencing Ex. 1041, 2:64–3:3; Ex. 1059, 9:42–61, Fig. 14; Ex. 1021 ¶¶ 17–19). Petitioner concludes that "[i]t would have been obvious to include such functionality for the same reasons discussed above with respect to claim [limitation] 1a." *Id.* at 27 (referencing Ex. 1021 ¶ 202; Ex. 1021-2 ¶¶ 18–19; Pet. § VI.A); *see also id.* (providing Smith's Figure 14, which provides a flowchart for scrolling through a contact list).

Upon review of the information in the Petition and corresponding evidence, we determine Petitioner has made a sufficient showing, at this stage of the proceeding, that the combination of Sheha and Smith teaches or suggests the "selecting a user" step (1(b)) of claim 1. Patent Owner does not dispute Petitioner's contentions with respect to this limitation at this stage of the proceeding.

c) Logging in step (1(c))

Claim 1 also recites the step of "receiving on said first wireless telephonic device an input in a form of a login and a second manual input in a form of a password." Ex. 1002, 13:4–6 (the "logging in" step (1(c)) of claim 1). Petitioner contends that "Sheha discloses that 'every telephone

account user has a username and password for the [online database and application server ("ODAS")] 3' and that the ODAS verifies that users are signed on to access various available services using authorization and authentication protocols." Pet. 27–28 (referencing Ex. 1041, 8:25–53; 11:55–12:7; Ex. 1021-2 ¶ 21).

Petitioner contends that "[i]t was conventional before the priority date of the '283 Patent to manually enter a login and password." Pet. 28. Petitioner contends that Carey teaches this conventional step. *Id.* (referencing Ex. 1045, 7:67–8:10, Fig. 8; Ex. 1021-2 ¶¶ 21–22); *see also id.* (reproducing Carey's Figure 8, showing a user interface for a wireless device for entering a screen name and password). Petitioner contends that a person having ordinary skill in the art "would have included such functionality to enable a user of Sheha's system to input their username and password." *Id.* (referencing Ex. 1021 ¶¶ 165–166; Ex. 1021-2 ¶¶ 21–22; Pet. § VI.A).

Upon review of the information in the Petition and corresponding evidence, we determine Petitioner has made a sufficient showing, at this stage of the proceeding, that the combination of Sheha, Smith, and Carey teaches or suggests the "logging in" step (1(c)) of claim 1. Patent Owner does not dispute Petitioner's contentions with respect to this limitation at this stage of the proceeding.

d) Determining access step (1d)

Claim 1 also recites the step of "determining whether to allow access of location information for said one of said plurality of wireless telephonic devices associated to said selected one of said plurality of users." Ex. 1002, 13:7–10 (the "determining access" step (1(d)) of claim 1). Petitioner

contends that "Sheha discloses that permissions can be established by the mobile devices' privacy settings or a group database can be used, in conjunction with authentication and authorization protocols, to store permissions," to allow Sheha's system to respond to requested location information. Pet. 28–29 (referencing Ex. 1041, 4:58–5:20; 11:55–12:7; Ex. 1021-2 ¶ 24). Petitioner adds that Sheha's "ODAS uses these privacy settings or the information in the group database to determine whether the target device is authorized the requesting device to obtain its location information." *Id.* at 29 (referencing Ex. 1041, 3:4–14, 3:22–28; 4:8–18; 5:21–46; 8:42–53; 9:59–10:4; Ex. 1021-2 ¶ 24).

We now turn to the two sub-steps of the "determining access" step (1(d)) of claim 1.

i. Identifying and determining sub-steps (1(e))

> The "determining access" step (1(d)) includes the sub-steps of *identifying* said user of said first wireless telephonic device from said plurality of users using said login and *determining* said password is associated with said login and *determining* whether said selected one of said plurality of users has provided access rights for said location information to said user of said first wireless telephonic device.

Ex. 1002, 13:10–17 (emphasis added) (the "identifying and determining sub-steps" (1(e)) of the "determining access" step of claim 1). Petitioner contends that "Sheha discloses that users provide their username and password as a part of Sheha's authorization and authentication protocols to confirm their identity and that 'using the authorization and authentication protocols a user can request the position of a mobile device.'" Pet. 29 (referencing Ex. 1041, 8:40–53, 12:1–7; Ex. 1021-2 ¶¶ 26–27; Pet. 28–29 (providing Petitioner's analysis of claim limitation 1.d). Petitioner adds that

"Sheha . . . discloses that, after determining that the user has provided valid username and password, the ODAS determines whether the user has permission to obtain the location of a requested device." *Id.* (referencing Ex. 1041, 5:21–46, 12:1–7; Ex. 1021-2 ¶¶ 26–27).

Patent Owner argues that Sheha describes the ODAS verifying a user's identity when the user signs in, and, in contrast, the identifying sub-step "does not concern signing-in." Prelim. Resp. 23 (referencing Ex. 1041, 8:40–53). Patent Owner argues that the "identifying" sub-step recites "identifying and distinguishing the user of the first wireless telephonic device from the plurality of users displayed on the first wireless telephonic device using the login and password previously entered into the first wireless telephonic device." *Id.* Patent Owner continues that "[t]he limitation also requires determining that the password entered into the first wireless telephonic device is associated with the login that was entered into that device." *Id.* Patent Owner argues

> Differently, in the instant limitation, determining whether to allow location access is not *preceded* by analyzing a login and password and validating user identity, rather that process *includes it* as a *condition* to access—"determining whether to allow access of location information . . . ***includes*** identifying said user . . . from said plurality of users using said login."

Id. at 25. Patent Owner argues that Petitioner, instead, contends that Sheha determines whether to allow access based on privacy settings, not identifying a user through a login and password. *Id.*

We have considered Patent Owner's arguments and determine, on the current record, that they do not demonstrate a deficiency in Petitioner's position at this stage of the proceeding. Patent Owner's arguments appear to impose a temporal limitation on the "identifying" sub-step of the

"determining access" step. That is, Patent Owner appears to require the recited method to verify the first wireless telephonic device's user's credentials after that user has selected one of the plurality of users and before the method determines whether to allow access to the selected user's location information. We do not discern, nor does Patent Owner identify, language in the claim that imposes a temporal restriction. *Cf. Baldwin Graphic Sys., Inc. v. Siebert, Inc.*, 512 F.3d 1338, 1345 (Fed. Cir. 2008) ("[A]lthough a method claim necessarily recites the steps of the method in a particular order, as a general rule the claim is not limited to performance of the steps in the order recited, unless the claim explicitly or implicitly requires a specific order."). That is, on the current record, Patent Owner does not sufficiently support its implicit claim construction requiring a particular order of steps in the method of claim 1, which departs from the general claim construction rule.

On the current record, the information in the Petition is sufficient, at this stage of the proceeding, to support Petitioner's contentions. As Petitioner contends, Sheha's ODAS employs authentication and authorization protocols as part of the process of ensuring a user that requests the location of another user has the appropriate permissions to access the location information. *See, e.g.*, Ex. 1041, 5:41–46 (describing that privacy settings can be customized by a user to restrict who may have access to that user's location information), 11:63–12:1 (describing an authorization process that uses a group database for a landline device), 12:1–7 (describing that the authorization process for a landline can be used in a mobile phone application).

Mr. Williams testifies that "[t]he Sheha system can use the authentication and authorization protocols . . . to determine that the user is authorized to access the system and has permission to access the requested location information." Ex. 1021-2 ¶ 26 (citing Ex. 1041, 8:40–53, 12:1–7). We credit this testimony on the current record, because it is consistent with Sheha's description. *See, e.g.*, Ex. 1041, 8:46–50 ("These authentication and authorization protocols establish that a user is genuine and verify the level of authority each user is granted, such as for differentiating services provided by the ODAS 3."), 12:4–7 ("[U]sing the authorization and authentication protocols a user can request the position of a mobile device, similarly to requesting the position of a landline device."), 11:63–12:1 (describing an authorization process that uses a group database for a landline device).

Patent Owner's focus on Sheha's disclosure of "privacy settings" is inapposite. As discussed above, Petitioner also relies on Sheha's disclosure of a group database, where "users can define a group of specific users that have access to [location] information." Ex. 1041, 11:64–64. Sheha continues that "[t]his is also accomplished by utilizing a group database and authorization and authentication protocols to identify users that are permitted to access this information." *Id.* at 11:65–12:1; *see also* Pet. 28–29 (identifying this disclosure in conjunction with limitation 1(d)); Ex. 1041, 12:4:7 (disclosing that the mobile embodiment may employ authorization and authentication processes similar to the landline embodiment). With this embodiment, Sheha would use authorization and authentication protocols to identify users who have access to a specific user's location information, as distinguished from other users who do not have such access. That is, Sheha would use a user's login and password to confirm the identity of that user so

as to distinguish the user from other users when determining if that user has been allowed access by another system user to that other user's location information, through the group database.

ii. Conclusions with respect to the determining access step (1(d)) and the "identifying and determining sub-steps" (1(e)) of the "determining access" step

Upon review of the information in the Petition and corresponding evidence, and Patent Owner's counter arguments, we determine Petitioner has made a sufficient showing, at this stage of the proceeding, that the combination of Sheha, Smith, and Carey teaches or suggests the "determining access" step (1(d)) of claim 1, including the "identifying and determining sub-steps" (1(e)).

e) Assigning rights limitation (1(f))

Claim 1 also recites "said first wireless telephonic device is operable to assign location access rights to said one of said plurality of wireless telephonic devices associated with said selected one of said plurality of users for obtaining a location of said first wireless telephonic device." Ex. 1002, 13:17–21 (the "assigning rights" limitation (1(f)) of claim 1). Petitioner contends that "Sheha discloses that any of its mobile devices can provide permission to another mobile device to request its location." Pet. 29. Petitioner contends that Sheha discloses that, in one example, device privacy settings can "control which other devices may access the device's location." *Id.* at 29–30 (referencing Ex. 1041, 5:38–46; 1021-2 ¶ 29–30). Petitioner adds that Sheha also discloses that the privacy settings can be configured by a user. *Id.* at 30 (referencing Ex. 1041, 10:17–26; 1021-2 ¶ 29–30); *see also id.* (citing to Ex. 1041, 11:55–12:7, which discloses an embodiment that uses a group database where rights are assigned).

Patent Owner argues that a user establishing privacy settings does not *assign* access rights to a one of said plurality of wireless telephonic devices associated with said selected one of said plurality of users. Prelim. 28–29. Patent Owner argues that "[t]he privacy settings are implemented on, or otherwise associated with, a user device and are described as applying to all position requests." *Id.* at 30. Patent Owner continues that "Sheha does not describe discerning between position requests or applying different privacy settings to different other users. That is, Sheha does not assign privacy settings to any specific individual or device – all users receive the same treatment." *Id.* at 30–31. Patent Owner argues that "Sheha does not teach or suggest that the privacy settings can be intentionally directed to individual users or devices." *Id.* at 31.

We have considered Patent Owner's arguments and determine, on the current record, that they do not demonstrate a deficiency in Petitioner's position at this stage of the proceeding. First, Patent Owner does not sufficiently explain why a user that establishes access rights through privacy settings is not assigning access rights to each of the plurality of users of Sheha's system, *including* the selected user.

Second, we do not agree with Patent Owner, on the current record, that establishing privacy settings apply to all position requests, as this assertion is contrary to Sheha's disclosure. Sheha discloses that privacy settings can be tailored to certain types of calls. *See* Ex. 1041, 5:41–46; *see also* 10:17–26 (indicating that a user can configure privacy settings).

Third, Patent Owner seems to limit the disclosure in Sheha concerning a group database to a landline embodiment. *See* Prelim. Resp. 32. Sheha discloses that the use of a group database can apply to the mobile phone

embodiment. *See* Ex. 1041, 12:1–7. In this embodiment, a user assigns location access rights to *certain* users of Sheha's system. *See id.* at 11:63–12:1 ("In another embodiment, users can define a group of specific users that have access to [position] information. This is also accomplished by utilizing a group database and authorization and authentication protocols to identify users that are permitted to access this information") (cited at Pet. 29, 30; Ex. 1021-2 ¶ 30).

Upon review of the information in the Petition and corresponding evidence, and Patent Owner's counter arguments, we determine Petitioner has made a sufficient showing, at this stage of the proceeding, that the combination of Sheha, Smith, and Carey teaches or suggests the "assigning rights" limitation (1(f)) of claim 1.

f) Transmitting step (1(g))

Claim 1 also recites the step of "transmitting said location information from a server to said first wireless telephonic device." Ex. 1002, 13:4–6 (the "transmitting" step (1(g)) of claim 1). Petitioner contends that Sheha's ODAS "receives location information from a target wireless devices and provides the requested location information . . . to the requesting wireless device." Pet. 30 (referencing Ex. 1041, 11:10–51; 12:1–7, Fig. 3; Ex. 1021-2 ¶ 32); *see also id.* at 31 (providing annotated version of Sheha's Figure 3).

Upon review of the information in the Petition and corresponding evidence, we determine Petitioner has made a sufficient showing, at this stage of the proceeding, that Sheha teaches or suggests the "transmitting" step (1.g) of claim 1. Patent Owner does not dispute Petitioner's contentions with respect to this limitation at this stage of the proceeding.

g) Displaying location step (1.h)

Finally, claim 1 recites the step of "displaying said location information on said first wireless device." Ex. 1002, 13:4–6 (the "displaying location" step (1.h) of claim 1). Petitioner contends that Sheha discloses transferring position information to a wireless device and providing a map to show the location of the target wireless device. Pet. 31 (referencing Ex. 1041, 4:22–26, 4:52–58, 9:23–39, Fig. 5; Ex. 1021-2 ¶ 34). Petitioner contends that, although Figure 5 is provided in a landline-to-mobile embodiment, it applies to a mobile-to-mobile context. *Id.* at 31–32 (referencing Ex. 1041, 4:13–18, 4:52–58, 11:10–51; Ex. 1021-2 ¶¶ 34–35).

Upon review of the information in the Petition and corresponding evidence, we determine Petitioner has made a sufficient showing, at this stage of the proceeding, that Sheha teaches or suggests the "displaying location" step (1.h) of claim 1. Patent Owner does not dispute Petitioner's contentions with respect to this limitation at this stage of the proceeding.

h) Motivation to combine

Petitioner contends that a person having ordinary skill in the art would have had reason to combine the teachings of Sheha with Smith and Carey to arrive at the subject matter of claim 1. As for Smith, Petitioner contends that a person having ordinary skill in the art "would have understood that the mobile devices in Sheha include wireless telephones that would have included conventional functionality such as contact lists and manual input devices such as buttons to interact with a contact list, such as those discussed in Smith." Pet. 17 (referencing Ex. 1021 ¶ 202); *see also id.* at 26 ("It would have been obvious to include the standard feature of a contact list [from Smith] into the Sheha wireless devices to enable a user to easily retrieve and

select a contact of interest from among multiple saved contacts."). Petitioner adds that because these functions "were routine and conventional," an artisan of ordinary skill would have had a reasonable expectation of success in incorporating the functionality into Sheha's wireless device. *Id.* (referencing Ex. 1021 ¶ 202).

With respect to Carey, Petitioner contends that a person having ordinary skill in the art "would have understood that the mobile devices in Sheha include wireless telephones that could provide users with added functionality, such as location services, that might require a user to enter authorization information to use such added functionality, as described in Sheha." Pet. 18 (referencing Ex. 1021 ¶¶ 165–166); *see also id.* at 28 ("A [person having ordinary skill in the art] would have included [Carey's] functionality to enable a user of Sheha's system to input their username and password."). Petitioner contends that a person having ordinary skill would have had a reasonable expectation of success incorporating Carey's functionality, as Sheha describes an authentication process similar to Carey's process. *Id.*

Upon review of the information in the Petition and corresponding evidence with respect to motivation to combine, we determine Petitioner has made a sufficient showing, at this stage of the proceeding, that a person having ordinary skill in the art would have had reason to combine Smith's and Carey's teachings with Sheha as proposed by Petitioner. On the current record, we determine that Petitioner provides rational factual underpinnings to support its reasoning. *Cf. KSR Int'l Co.*, 550 U.S. at 418 (stating that, to facilitate the analysis of an obviousness position, the proponent should

provide "some articulated reasoning with some rational underpinning to support the legal conclusion of obviousness").

i) Conclusion as to Claim 1

Having reviewed the preliminary record, including Petitioner's showing as to how the combined teachings of Sheha, Smith, and Carey teach or suggest each of the limitations of claim 1, and the reasons for combining the teachings of these references, we determine that Petitioner demonstrates a reasonable likelihood that independent claim 1 is unpatentable under 35 U.S.C. § 103(a) over Sheha, Smith, and Carey.

2. Independent claims 8 and 15

Petitioner relies, for the most part, on its contentions with respect to claim 1 for how the combination of Sheha, Smith, and Carey disclose the subject matter of independent claim 8 and 15. *See* Pet. 38–39, 42–43. For certain limitations, Petitioner provides additional contentions. *See id.*

Patent Owner does not make any arguments directed to these independent claims, except for the arguments directed to independent claim 1, which we address above in connection with our analysis of claim 1 under Ground 1. *See* Prelim. Resp. 27–28, 34 (referencing arguments made for claim 1 with respect to claims 8 and 15).

Based on our analysis of claim 1, and review of Petitioner's additional contentions and corresponding evidence directed to claims 8 and 15, we determine that Petitioner demonstrates a reasonable likelihood that independent claims 8 and 15 are unpatentable under 35 U.S.C. § 103(a) over Sheha, Smith, and Carey.

3. Dependent claims 2–7, 9–14, 16–20

As we discuss above, Petitioner has demonstrated a reasonable likelihood of success in proving that at least claim 1 of the '283 patent is unpatentable, and we institute on all challenges raised in the Petition. *See SAS Inst., Inc. v. Iancu*, 138 S. Ct. 1348, 1354, 1359–60 (2018); *see also PGS Geophysical AS v. Iancu*, 891 F.3d 1354, 1360 (Fed. Cir. 2018) (interpreting the statute to require "a simple yes-or-no institution choice respecting a petition, embracing all challenges included in the petition"); 37 C.F.R. § 42.108(a) ("When instituting *inter partes* review, the Board will authorize the review to proceed on all of the challenged claims and on all grounds of unpatentability asserted for each claim.").

We have, however, reviewed Petitioner's contentions and citations to the evidence, including reasons for combining the teachings of Enzmann, Wako, and Engberg with Sheha, and determine that Petitioner has made a sufficient showing, on the current record, that dependent claims 2–7, 9–14, 16–20, which depend ultimately from one of independent claims 1, 8, or 15, are unpatentable under 35 U.S.C. § 103(a) over Sheha, Smith, Carey, Enzmann, Wako, and Engberg.

Patent Owner does not make any arguments directed to these dependent claims, except for the arguments directed to independent claims 1, 8, and 15, which we address above in connection with our analysis of claim 1 under Ground 1.

E. Ground 2: Claims 1–20 as unpatentable over Enzmann, Smith, Carey, Sheha, Wako, and Engberg

As we discuss above, Petitioner has demonstrated a reasonable likelihood of success in proving that at least claim 1 of the '283 patent is unpatentable, and we institute on all challenges raised in the Petition.

Patent Owner makes similar arguments against Petitioner's contentions with respect to Enzmann as Patent Owner made against Sheha for Ground 1, claim 1. *Compare* Prelim. Resp. 20–34, *with* id. at 34–45. For reasons similar to those discussed above in Ground 1, we determine that Patent Owner's arguments directed to Petitioner's application of Enzmann's teachings for limitation 1(e) do not demonstrate a deficiency in Petitioner's position.

For limitation 1(f), the "assigning rights" limitation of claim 1, Petitioner contends that devices 104 may provide lists of authorized requestors. Pet. 53 (referencing Ex. 1040, 2:35–41; Ex. 1021-2 ¶ 130). Petitioner contends that "[i]t would have been obvious to allow a user to provide such authorization through any available means, including their wireless device itself." *Id.* (referencing Ex. 1021-2 ¶ 131). Petitioner adds that "[f]or example, a [person having ordinary skill in the art] would have been motivated to allow a user to interact with a contact list, such as described above with respect to claim 1a, to authorize or de-authorize a particular contact from accessing the user's location." *Id.* (referencing Ex. 1021-2 ¶¶ 111–114, 131). Mr. Williams testifies that "Enzmann is agnostic as to whether it is a requesting device or a target device that can establish permission rights – any wireless device can provide an access list to the location server 100." Ex. 1021-2 ¶ 130 (referencing Ex.1040, 2:35–41).

Patent Owner explains that this limitation "requires that the requestor assign access rights to the network device user," and Petitioner's contentions do not address this requirement.

On the current record, we determine that Patent Owner's argument may have merit. Petitioner's contentions with respect to limitation 1(f) build on its contentions for limitation 1(a). Petitioner contends for limitation 1(a) that "Enzmann discloses, implies, or at least makes obvious that a wireless device 104 may be a wireless requestor 110, and further that the wireless requestor 110 may be a cellular telephone." Pet. 47–48 (referencing Ex. 1021-2 ¶ 110); see id. at 53 (providing contentions for limitation 1(f) and stating "Enzmann discloses that users of the various network devices 104 may provide lists of authorized requestors to its system to identify the users who may request their locations."). Petitioner bases this contention on Enzmann's disclosure that both wireless requestor 110 and wireless device 104 may be WAP[6]-compatible devices. *Id.* at 47.

Mr. Williams testifies that

> Enzmann describes that requesting devices can be wireless devices, shown as wireless requestor 110 in Figure 1 above. These wireless requestors can be any suitable wireless device, including those that have IP messaging or wireless access protocol ("WAP") capabilities. Ex.1040, 4:1-11, 5:6:2-7. One of skill in the art is aware that, prior to priority date for the '283 Patent, wireless cellular devices, such as cellular telephones, had both IP and WAP capabilities to allow users to execute internet applications, which Enzmann discusses. Ex.1040, 5:39-60. Thus, the wireless requestors 110 could also be network devices 104, which are also disclosed as being wireless telephonic devices that can have messaging and WAP capabilities, such as cellular telephones and pagers, like the wireless requestors 110. Ex.1040, 5:39-60. Thus, the wireless requestors 110 include wireless telephonic devices.

Ex. 1021-2 ¶ 110.

[6] "Wireless Access Protocol." *See* Ex. 1040, 4:34.

With respect to Petitioner's contention that Enzmann "discloses . . . that a wireless device 104 may be a wireless requestor 110," as Patent Owner argues, based on our review of the current record, this contention is not supported in Enzmann. *See* Prelim. Resp. 44–45. Indeed, Enzmann consistently differentiates between requestors and network users. *See, e.g.*, Ex. 1040, 3:62–4:12 (distinguishing network devices 104 and requestors 110); Fig. 1 (depicting network devices 104 as part of the user wireless network 102 with requestors outside that network).

With respect to Petitioner's contention that Enzmann "implies . . . that a wireless device 104 may be a wireless requestor 110," again, Enzmann consistently describes wireless devices 104 as distinct from wireless requestor 110. Based on our review of the current record, neither Petitioner nor Mr. Williams appears to direct us to any disclosure in Enzmann, other than disclosure concerning the similarity in hardware, to support this alleged implication.

With respect to Petitioner's contention that Enzmann "at least makes obvious that a wireless device 104 may be a wireless requestor 110," the only basis for this statement is, once again, the similarity in hardware. Indeed, Mr. Williams testifies that "the wireless requestors 110 *could* also be network devices 104." Ex. 1021-2 ¶ 110 (emphasis added). The fact that wireless requestors 110 could have been network devices is not sufficient, without more, to render the concept obvious. *Cf. Belden Inc. v. Berk-Tek LLC*, 805 F.3d 1064, 1073 (Fed. Cir. 2015) ("[O]bviousness concerns whether a skilled artisan not only could have made but would have been motivated to make the combinations or modifications of prior art to arrive at the claimed invention.").

Even if we accept the foundational argument, Petitioner further contends that a person having ordinary skill in the art would have modified Smith's functionality to include assigning access rights in a contact list. Pet. 53 (referencing Ex. 1021-2 ¶ 131). On the current record, it appears that Petitioner's only support for this assertion is Mr. Williams's testimony. Mr. Williams does not provide support for his opinion, other than the conclusory statement that "a likely use case for a user of a network device in the Enzmann system is a user wanting to dynamically add or remove people from their access list while using the network device." Ex. 1021-2 ¶ 131. Expert testimony alone is not sufficient to provide a missing limitation. *Cf. Arendi S.A.R.L. v. Apply, Inc.*, 832 F.3d 1355, 1361 (Fed. Cir. 2016) (holding that reliance on common sense in an obviousness analysis is "typically invoked to provide a known motivation to combine, not to supply a missing claim limitation").

The concurrence points to a one reference in the Petition, in a discussion of limitation 1(a), to an instant messaging service example from Enzmann. On the current record, Petitioner does not sufficiently explain how this example supports its contentions with respect to limitation 1(f). Still, our differing opinions emphasize that the parties' positions would benefit from further development during trial. Because we institute trial on all challenges, we will assess Ground 2 on a complete trial record.

III. CONCLUSION

For the foregoing reasons, we conclude that the information presented in the Petition establishes a reasonable likelihood that Petitioner would prevail in showing that at least one of the Challenged Claims of the '283

patent is unpatentable. Accordingly, we institute an *inter partes* review proceeding on all challenges in the Petition.

IV. ORDER

In consideration of the foregoing, it is hereby:

ORDERED that *inter partes* review of claims 1–20 of the '283 patent is hereby instituted on all grounds stated in the Petition; and

FURTHER ORDERED that pursuant to 35 U.S.C. § 314(c) and 37 C.F.R. § 42.4, notice is hereby given of the institution of a trial; the trial will commence on the entry date of this decision.

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

APPLE INC.,
Petitioner,

v.

MULLEN INDUSTRIES LLC,
Patent Owner.

IPR2023-00091
Patent 9,204,283 B2

Before JEFFREY S. SMITH, BARBARA A. PARVIS, and JAMES J. MAYBERRY, *Administrative Patent Judges.*

PARVIS, *Administrative Patent Judge*, concurring.

I concur with the majority's decision to institute *inter partes* review. I write separately only to address the majority's determination that Patent Owner demonstrates a deficiency in Petitioner's position with respect to Ground 2.

As set forth in the majority opinion for limitation 1(f), the "assigning rights" limitation of claim 1, Petitioner contends that devices may provide lists of authorized requestors. Pet. 53 (referencing Ex. 1040, 2:35–41; Ex. 1021-2 ¶ 130). Petitioner contends that "[i]t would have been obvious to allow a user to provide such authorization through any available means, including their wireless device itself." *Id.* (referencing Ex. 1021-2 ¶ 131).

Petitioner adds that "[f]or example, a [person having ordinary skill in the art] would have been motivated to allow a user to interact with a contact list, such as described above with respect to claim 1a, to authorize or de-authorize a particular contact from accessing the user's location." *Id.* (referencing Ex. 1021-2 ¶¶ 111–114, 131).

Limitation 1(f) in claim 1 recites "said first wireless telephonic device is operable to assign location access rights to said one of said plurality of wireless telephonic devices associated with said selected one of said plurality of users for obtaining a location of said first wireless telephonic device." Ex. 1002, 13:17–21 (the "assigning rights" of claim 1). The portion of Enzmann relied on by Petitioner is as follows:

> In processing location queries, a preferred embodiment of the present invention gives the network user control of who can receive his location information. The network user provides the service with a list of authorized requestors who may receive the user's location information. The service authenticates that a requestor is authorized before forward location information.

Ex. 1040, 2:35–41.

Patent Owner argues the "Petition fails to address whether Enzmann discloses a requestor providing location access rights to a network user, as required by the claim limitation in the context of Enzmann." Prelim. Resp. 43. Patent Owner argues that "the claim language makes clear that access rights were already provided in the other direction, namely from the 'one of said plurality of users' to the 'first wireless telephonic device.'" *Id.*

In my view, based on the preliminary record, Patent Owner's argument that "Petition fails to address whether Enzmann discloses a requestor providing location access rights to a network user, as required by the claim limitation in the context of Enzmann" (Prelim. Resp. 43) is not

consistent with the Petition or the asserted prior art. As set forth in the disclosure relied on in the Petition, reproduced above, network users provide "the service with a list of authorized requestors who may receive the user's location information." Ex. 1040, 2:35–41. In my view, based on the preliminary record, Petitioner's position that Enzmann teaches limitation 1(f) is consistent with Enzmann's disclosure. *Id.*

Patent Owner's dispute relates to multiple elements recited in claim 1. In particular, Patent Owner's argument that "the *claim language makes clear* that access rights were already provided in the other direction" (Prelim. Resp. 43) pertains to other limitations recited in claim 1 as limitation 1(f) recites only that "said first wireless telephonic device is operable to assign location access rights." Ex. 1002, 13:17–21.

The recitation of "said first wireless telephonic device" derives antecedent basis from the recitation of "displaying on a first wireless telephonic device a plurality of users, wherein each one of said plurality of users is associated to a different one of a plurality of wireless telephonic devices." Ex. 1002, 12:63–67 (the "displaying users" step (1.a) of claim 1). For step 1a, Petitioner argues that "Enzmann discloses, implies, or at least makes obvious that a wireless device 104 may be a wireless requestor 110, and further that the wireless requestor 110 may be a cellular telephone." Pet. 47–48 (citing Ex. 1021-2 ¶ 110). The majority states that Petitioner's contention is not supported in Enzmann. I respectfully disagree. With respect to the instant messaging service example, Enzmann describes that "the user may want the option to query for the location of the friend." Ex. 1040, 9:20–21 (cited, e.g., in Pet. 48). Also, although Enzmann illustrates plurality of network devices 104 and wireless requestors 110 (*see,*

e.g., Fig. 1), that is one example. My view based on the preliminary record is that Petitioner's analysis is persuasive. *See, e.g.*, Pet. 20–21, 46–49, 51–52; Ex. 1021-2 ¶¶ 109–115, 120–122; Ex. 1021 ¶¶ 165–166, 202.

Patent Owner argues "Enzmann does *not* disclose the concept of a requestor sending its own location to a 'network user.'" Prelim. Resp. 42. Limitation 1(f) in claim 1, however, recites "said first wireless telephonic device is operable to assign location access rights to said one of said plurality of wireless telephonic devices associated with said selected one of said plurality of users for obtaining a location of said first wireless telephonic device." Ex. 1002, 13:17–21. My view, based on the preliminary record is that limitation 1(f) does not require a requestor sending its own location and Patent Owner's argument does not undermine Petitioner's position.

After consideration of the parties' contentions and the evidence of record with respect to Ground 2 at this early stage, my view, based on the preliminary record is that Petitioner's showing is sufficient for the challenged independent claims and Patent Owner's arguments do not undermine Petitioner's showing. I would have determined that Petitioner demonstrated a reasonable likelihood that it would prevail in showing that the independent claims are unpatentable under 35 U.S.C. § 103(a) as obvious over Enzmann, Smith, and Carey.

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Paper No. 17
Entered: November 7, 2023

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

APPLE INC.,
Petitioner,

v.

MULLEN INDUSTRIES LLC,
Patent Owner.

IPR2022-01389 (Patent 11,190,633 B2)
IPR2023-00090 (Patent 11,122,418 B2)
IPR2023-00091 (Patent 9,204,283 B2)
IPR2023-00096 (Patent 11,096,039 B2)
IPR2023-00097 (Patent 8,374,575 B2)
IPR2023-00115 (Patent 11,234,117 B2)
IPR2023-00116 (Patent 11,234,117 B2)
IPR2023-00148 (Patent 11,246,024 B2)[1]

Before JEFFREY S. SMITH, BARBARA A. PARVIS, JAMES B. MAYBERRY, NATHAN A. ENGELS, and STEVEN M. AMUNDSON, *Administrative Patent Judges*.[2]

PER CURIAM.

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[1] This Order addresses issues that are the same in each of the identified proceedings. We exercise our discretion to issue one Order to be filed in each proceeding. The parties are not authorized to use this style heading in subsequent papers.

[2] This listing of Administrative Patent Judges does not reflect an expanded panel under SOP 1 § III.M. This order addresses multiple proceedings in which listed judges are paneled in various groups of three.

TERMINATION
Due to Settlement After Institution of Trial and
Granting Joint Motion to File Settlement Agreement
as Business Confidential Information
35 U.S.C. § 317; 37 C.F.R. § 42.74

I. INTRODUCTION

With the Board's authorization, Petitioner and Patent Owner (collectively, "the Parties") filed a joint motion to terminate in each of the above-captioned proceedings. Paper 18 ("Joint Motion").[3] Along with the Joint Motion, the Parties filed a copy of a Settlement Agreement (Ex. 1019, "Settlement Agreement"), as well as a joint motion requesting that the Settlement Agreement be treated as business confidential information and kept separate from the files of the patents involved in the above-captioned proceedings. Paper 19 ("Joint Request").

II. DISCUSSION

Under 35 U.S.C. § 317(a), "[a]n inter partes review instituted under this chapter shall be terminated with respect to any petitioner upon the joint request of the petitioner and the patent owner, unless the Office has decided the merits of the proceeding before the request for termination is filed." 35 U.S.C. § 317(a) also provides that if no petitioner remains in the *inter partes* review, the Office may terminate the review.

In the Joint Motion, the Parties represent that the Settlement Agreement resolves their disputes involving the patents at issue in the

[3] The relevant papers and exhibits filed in the above-captioned proceedings are substantively the same. We cite to the record in IPR2022-01389, unless otherwise indicated.

above-captioned proceedings. Joint Motion 2.[4] The Parties also "certify that there are no collateral agreements or understandings made in connection with, or in contemplation of, the termination of this proceeding, pursuant to 35 U.S.C. § 317(b) and 37 C.F.R. § 42.74(b)." *Id.* at 3.

We instituted trial for the above-identified *inter partes* review proceedings (*see* Paper 9), but we have not yet decided the merits of the proceedings, and final written decisions have not been entered. Notwithstanding that the proceedings have moved beyond the preliminary stage, the Parties have shown adequately that termination of the proceedings is appropriate. Under these circumstances, we determine that good cause exists to terminate the proceedings with respect to the Parties.

In the Joint Request, the Parties request that the Settlement Agreement be treated as business confidential information and kept separate from the files of the patents involved in the above-captioned proceedings. Joint Request 2.[5] After reviewing the Settlement Agreement, we find that it contains confidential business information regarding the terms of settlement. Thus, good cause exists to treat the Settlement Agreement as business confidential information pursuant to 37 C.F.R. § 42.74(c).

This Order does not constitute a final written decision pursuant to 35 U.S.C. § 318(a).

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[4] The Joint Motion (Paper 18) does not include page numbers. We consider the title page as page 1 and then proceed from there in numerical order.

[5] The Joint Request (Paper 19) does not include page numbers. We consider the title page as page 1 and then proceed from there in numerical order.

III. ORDER

Accordingly, it is:

ORDERED that the Joint Motions to Terminate (IPR2022-01389, Paper 18; IPR2023-00090, Paper 17; IPR2023-00091, Paper 15; IPR2023-00096, Paper 15; IPR2023-00097, Paper 15; IPR2023-00115, Paper 15; IPR2023-00116, Paper 15; IPR2023-00148, Paper 14) are *granted*, and IPR2022-01389, IPR2023-00090, IPR2023-00091, IPR2023-00096, IPR2023-00097, IPR2023-00115, IPR2023-00116, and IPR2023-00148 are *terminated* with respect to Petitioner and Patent Owner; and

FURTHER ORDERED that the Joint Requests to treat the Settlement Agreement as business confidential information (IPR2022-01389, Paper 19; IPR2023-00090, Paper 18; IPR2023-00091, Paper 16; IPR2023-00096, Paper 16; IPR2023-00097, Paper 16; IPR2023-00115, Paper 16; IPR2023-00116, Paper 16; IPR2023-00148, Paper 15) are *granted*, and the Settlement Agreement (IPR2022-01389, Ex. 1019; IPR2023-00090, Ex. 1061; IPR2023-00091, Ex. 1063; IPR2023-00096, Ex. 1062; IPR2023-00097, Ex. 1061; IPR2023-00115, Ex. 1062; IPR2023-00116, Ex. 1062; IPR2023-00148, Ex. 1056) shall be kept separate from the files of U.S. Patent Nos. 11,190,633 B2, 11,122,418 B2, 9,204,283 B2, 11,096,039 B2, 8,374,575 B2, 11,234,117 B2, and 11,246,024 B2, and made available only to Federal Government agencies on written request, or to any person on a showing of good cause, pursuant to 37 C.F.R. § 42.74(c).

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