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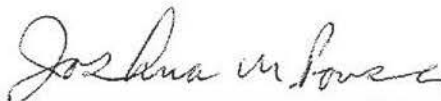
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TITLE OF THE INVENTION

**PROFILE MANAGEMENT SYSTEM INCLUDING
USER INTERFACE FOR ACCESSING AND MAINTAINING PROFILE
DATA OF USER SUBSCRIBED TELEPHONY SERVICES**

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TITLE OF THE INVENTION

PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE FOR ACCESSING AND MAINTAINING PROFILE DATA OF USER SUBSCRIBED TELEPHONY SERVICES

CROSS-REFERENCE TO RELATED APPLICATIONS

The present application is a continuation application of pending U.S. Patent Application No. 10/761,382, filed on January 22, 2004, which is a continuation of U.S. Patent Application No. 09/050,986, filed on March 31, 1998, which claims the benefit of U.S. provisional Patent Application No. 60/042,680, filed April 3, 1997, entitled "Profile Management System Including User Interface for Accessing and Maintaining Profile Data of User Subscribed Telephony Services", in the names of Baniak et al., the disclosures of which are expressly incorporated herein by reference in their entireties.

This is also related to the disclosure provided in U.S. Patent Application No. 08/831,892, filed April 3, 1997, entitled "Apparatus and Method for Facilitating Service Management of Communications Services in a Communications Network", in the names of Larry JOST et al., the disclosure of which is expressly incorporated herein by reference in its entirety.

BACKGROUND OF THE INVENTION

1. Field of the Invention

The present invention generally relates to the field of telecommunications.
20 More particularly, the present invention relates to a user interface, such as a personal computer (PC) interface, for accessing and maintaining profile data of a user's subscribed telephony service.

2. Acronyms

The written description provided herein contains acronyms which refer to
25 various telecommunications services, components and techniques, as well as features relating to the present invention. Although some of these acronyms are known, use

of these acronyms is not strictly standardized in the art. For purposes of the written description herein, acronyms will be defined as follows:

Advanced Intelligent Network (AIN)

Computer Access Restriction (CAR)

5 Common Channel Signaling (CCS)

Central Office (CO)

Calling Party Number (CPN)

Call Processing Record (CPR)

Data and Reporting System (DRS)

10 Integrated Service Control Point (ISCP)

Interactive Voice Response (IVR)

Local Area Network (LAN)

Personal Computer (PC)

Positive ID (PID)

15 Private Branch Exchange (PBX)

Service Creation Environment (SCE)

Service Control Point (SCP)

Service Order Assignment Control (SOAC)

Service Management System (SMS)

20 Service Provisioning And Creation Environment (SPACE)

Service Switching Point (SSP)

Signaling Transfer Point (STP)

Transaction Capabilities Applications Part (TCAP)

Transmission Control Protocol/Internet Protocol (TCP/IP)

25 User Interface (UI)

Wide Area Network (WAN)

Working Telephone Number (WTN)

3. Background Information

In recent years, a number of new telephony service features have been implemented and provided by an Advanced Intelligent Network (AIN). The AIN evolved out of a need to increase the capabilities of the existing telephone network architecture and meet the growing needs of telephony customers. The AIN architecture generally comprises two networks, a data messaging network and a trunked communications network. The trunked communications network handles voice and data communications between dispersed network locations, whereas the data messaging network is provided for controlling operations of the trunked communications network.

An illustration of the basic components of an AIN network environment is shown in Fig. 1. The AIN network is provided to facilitate communication between a plurality of network locations or stations 72-86. As shown in Fig. 1, central offices (COs) 64-71 are provided for sending and receiving data messages from a service control point (SCP) 56 via one or more signaling transfer points (STPs) 51, 53 and 59. The data messages are communicated to and from the COs 64-71 and the SCP 56 along a common channel signaling (CCS) network 88. Each CO 64-71 serves as a network service switching point (SSP) and may be equipped with CCS capabilities, which provides for the two-way communication of data messages between each SSP and the SCP 56 via CCS network 88. These data messages may be formatted in accordance with Transaction Capabilities Applications Protocol (TCAP).

Each CO 64-71 serving as a network SSP routes AIN-service related telephone calls between a calling station (e.g., station 72) and a called station (e.g., station 84) based on instructions received from the SCP 56. The SSPs 64-71 may be connected by trunked communication lines 90 to transport voice and/or data signals. Each of the

stations 72-86 is connected to one or more SSPs 64-71 through private or dedicated telephone lines 93. In AIN-type call processing, the originating SSP is responsible for: identifying calls associated with AIN services; detecting when conditions for AIN service involvement are met; formulating service requests or queries to the SCP 56 for call processing instructions; and responding to the instructions or message responses received from the SCP 56 to complete or terminate the call.

In Fig. 1, the SCP 56 is implemented as part of an integrated service control point (ISCP) 10. The ISCP 10 is an integrated system which may include a programmable SCP 56 and a data and reporting system (DRS) 28. The SCP 56 executes software or programmed-based logic, in accordance with a subscriber's call processing record (CPR), and returns call routing instructions to the SSPs. The DRS 28 compiles calling information to be used for billing and administrative purposes. A service creation environment (SCE) (not shown) may also be provided for programming and provisioning the CPRs stored in the database of the SCP 56. The CPRs define the services for each individual subscriber. The SCE may be integrated with the ISCP 10 or provided as a separate application or entity. By way of a non-limiting example, the ISCP 10 may be implemented with a Bellcore integrated service control point (ISCP) available from Bell Communications Research (Bellcore), Murray Hill, New Jersey, and the SCE may be implemented with SPACE, which is also available from Bellcore. SPACE is a service provisioning and creation environment. SPACE stores a copy of the data in the ISCP and is the network element used for data queries and management by the selected users which have access to it. The users do not access the ISCP directly because direct access would interfere with call processing by performing data manipulations on the same platform. Updates made through SPACE are input into the ISCP immediately. The service

order assignment control (SOAC) system receives all service order activity from service personnel and forwards the service orders to the SMS.

For additional information regarding AIN and AIN-related network environments, see Berman, Roger K., and Brewster, John H., "Perspectives on the AIN Architecture," IEEE Communications Magazine, February 1992, pp. 27-32, the disclosure of which is expressly incorporated herein by reference in its entirety.

A number of services have been provided by AIN or AIN-type intelligent networks to provide specialized call processing of incoming calls and detailed call information. Services such as call routing, call forwarding and call logging have been provided by AIN or AIN-type networks. Service activation of a particular AIN service is normally accomplished by service personnel who receive a service order from a customer, and then provision or create the CPR that is unique for each working telephone number (WTN) in the SCP or ISCP. Each customer's CPR contains subscriber or profile data which control and/or define the service features and parameters associated with the AIN service subscribed to by the customer. Modification to a customer's CPR may be performed by service personnel based on requests received from the customer (e.g., by a formal written submission for service modification or via telephone interaction with service personnel). For more "simple" AIN services (i.e., AIN services that are based on very few or limited service parameters), automated modification systems and methods have also been provided to permit a customer or user to modify their service profile data via a telephone connection and touch tone dialing or Dual Tone Multi Frequency (DTMF) response.

An example of such a simple AIN service is selective call acceptance which was deployed in Wichita, Kansas in 1994. Selective call acceptance allows residential and small business customers to provide a screening list of 50 authorized telephone numbers and one access code in order to allow people calling from one of the

authorized numbers or with the access code to connect to the subscriber's working telephone number. If an unauthorized caller calls the subscriber's working telephone number, the unauthorized caller can be routed to an alternative location if desired, for example, a voice mailbox. When the subscriber chooses to modify the authorized numbers and/or access code, the subscriber either contacts service personnel or modifies their service profile data via DTMF.

While such prior systems have been provided, the ability for a customer to freely access and maintain their service profile data has been limited. Prior attempts have relied upon the involvement of service personnel or have limited a customers ability to access and modify their service profile data. DTMF-based interfaces have also not provided an efficient or user-friendly system by which customers may review and revise their service profile data. Further, for more "complex" AIN-based services (i.e., AIN services based on a large number of service parameters or including more complex sets or groups of service parameters) such prior attempts have not provided an effective solution for automated service management and maintenance. Thus, there is currently a need for an interface permitting users to freely access and maintain their service profile data. A need also exists for a user interface permitting a user to review and update their data for services, such as AIN-based services, through a computer-based interface without requiring the involvement of or interaction with service personnel.

SUMMARY OF THE INVENTION

In view of the above, the present invention, through one or more of its various aspects and/or embodiments is thus presented to accomplish one or more objectives and advantages, such as those noted below.

A general object of the present invention is to provide a profile management system having a user interface that provides the ability for a customer to freely access and maintain their service profile data.

5 Another object of the invention is to provide a profile management system for AIN-based services. A further object of the invention is to provide such a system that does not rely upon the involvement of service personnel to permit a user to access and modify their AIN service profile data.

10 Still another object of the invention is to provide a profile management system that provides an efficient and user-friendly manner by which customers may review and revise their service profile data.

15 Yet another object of the invention is to provide a profile management system for more "complex" services (e.g., AIN services based on a large number of service parameters or including more complex sets or groups of service parameters), that permits a user to more effectively access and maintain their profile data for such a complex service.

Another object of the invention is to provide a profile management system that includes a user interface that permits a customer to review and update their profile data for services, such as AIN-based services, through a computer-based interface.

20 A profile management system is provided for accessing and maintaining profile data associated with a telecommunications service subscribed to by a user. The profile data is stored on a telecommunications network which executes the telecommunications service subscribed to by the user in accordance with the profile data. The profile management system includes a client and a server. The client hosts a user interface allowing the user to view and update the profile data. The server
25 processes user requests from the client to view and update the profile data by obtaining the profile data from the telecommunications network and forwarding the

profile data to the client. The server also processes user requests from the client to update the profile data by forwarding user updates of the profile data from the client to the telecommunications network. As a result of the profile management system, the user can access and maintain the profile data associated with the telecommunications service subscribed to by the user without involving service personnel.

In a preferred embodiment, the user interface is a graphical user interface, the telecommunications service is positive identification, and the profile data includes access codes and authorized telephone numbers. Moreover when a calling party calls the user, the calling party is only successfully connected to the user if either the calling party's telephone number is one of the authorized telephone numbers or the calling party inputs one of the access codes. If the calling party is not successfully connected to the user, the calling party hears a prerecorded message and is subsequently disconnected. A reporting system may also be provided which generates reports detailing calling parties attempting to connect to the user. The report may also indicate each calling party successfully connected to the user, and each calling party not successfully connected to the user.

According to another preferred embodiment, the profile management system also includes an access control system which only allows authorized users to access and maintain the profile data. Furthermore, the user may specify a time when the server will forward the user updates from the client to the telecommunications network. The profile management system may also include a DTMF system for accessing and maintaining the profile data.

According to another embodiment, a profile management system is provided for accessing and maintaining profile data associated with a telecommunications service subscribed to by a user. The profile management system includes a server, a

client and a telecommunications network. The client hosts a user interface allowing the user to view and update the profile data. The telecommunications network stores the profile data and executes the telecommunications service subscribed to by the user in accordance with the profile data. The server processes user requests from the client to view and update the profile data by obtaining the profile data from the telecommunications network and forwarding the profile data to the client. The server also processes user requests from the client to update the profile data by forwarding user updates of the profile data from the client to the telecommunications network. As a result of the profile management system the user can access and maintain the profile data associated with the telecommunications service subscribed to by the user without involving service personnel.

In a preferred embodiment, the user interface is a graphical user interface, the telecommunications service is positive identification, and the profile data includes access codes and authorized telephone numbers. Moreover when a calling party calls the user, the calling party is only successfully connected to the user if either the calling party's telephone number is one of the authorized telephone numbers or the calling party inputs one of the access codes. If the calling party is not successfully connected to the user, the calling party hears a prerecorded message and is subsequently disconnected.

According to another embodiment, a profile management system is provided for accessing and maintaining profile data associated with an AIN service subscribed to by a user. The profile management system includes a server, client and an AIN network. The client hosts a user interface allowing the user to view and update the profile data. The AIN network stores the profile data and executes the AIN service subscribed to by the user in accordance with the profile data. The server processes user requests from the client to view and update the profile data by obtaining the

profile data from the AIN network and forwarding the profile data to the client. The server also processes user requests from the client to update the profile data by forwarding user updates of the profile data from the client to the AIN network. As a result of the profile management system the user can access and maintain the profile data associated with the AIN service subscribed to by the user without involving service personnel.

In a preferred embodiment, the user interface is a graphical user interface, the AIN service is positive identification, and the profile data includes access codes and authorized telephone numbers. Moreover when a calling party calls the user, the calling party is only successfully connected to the user if either the calling party's telephone number is one of the authorized telephone numbers or the calling party inputs one of the access codes. If the calling party is not successfully connected to the user, the calling party hears a prerecorded message and is subsequently disconnected.

According to another preferred embodiment, a profile management system is provided for accessing and maintaining profile data associated with a telecommunications service subscribed to by a user. The profile management system includes a client and a server. The client hosts a user interface allowing the user to view and update the profile data. The server stores the profile data and executes the telecommunications service subscribed to by the user in accordance with the profile data. The server processes user requests from the client to view and update the profile data by forwarding the profile data to the client. The server processes user requests from the client to update the profile data by replacing the stored profile data with user updates of the profile data received from the client. As a result of the profile management system, the user can access and maintain the profile data associated with the telecommunications service subscribed to by the user without involving service personnel.

According to another preferred embodiment, a method is provided for accessing and maintaining profile data associated with a telecommunications service subscribed to by a user. The method includes remotely logging into a server, from a client; viewing the profile data associated with the telecommunications service
5 subscribed to by the user; and if desired, updating the profile data. As a result of the method, the user can access and maintain the profile data associated with the telecommunications service subscribed to by the user without involving service personnel.

The above-listed and other objects, features and advantages of the present
10 invention will be more fully set forth hereinafter.

BRIEF DESCRIPTION OF THE DRAWINGS

The present invention is further described in the detailed description which follows, by reference to the noted plurality of drawings by way of non-limiting examples of preferred embodiments of the present invention, in which like reference
15 numerals represent similar parts throughout the several views of the drawings, and wherein:

Fig. 1 illustrates the components of a conventional Advanced Intelligent Network (AIN) network environment;

Fig. 2 illustrates, in block diagram form, an exemplary system architecture for
20 implementing the various features and aspect of the present invention;

Fig. 3 illustrates, in block diagram form, another exemplary system architecture for implementing the features of the present invention;

Fig. 4 illustrates yet another exemplary system architecture and environment for implementing the present invention;

Fig. 5 illustrates a further exemplary system architecture and environment for
25 implementing the features of the present invention;

Fig. 6 illustrates a list of Positive ID numbers and their status as displayed by an exemplary user interface according to an aspect of the present invention;

Fig. 7 illustrates an authorized telephone number table and access code table as displayed by an exemplary user interface according to an aspect of the present invention; and

Fig. 8 shows an activity log according to an aspect of the present invention.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

Referring to the accompanying drawings, a detailed description of preferred embodiments, features and aspects of the present invention will be provided.

The present invention relates to a profile management system having a user interface, such as a personal computer (PC) interface, for accessing and maintaining profile data of a user's subscribed telephony service. The telephony service may be a AIN-based service that includes profile data which control and/or define the service features and parameters associated with the AIN service subscribed to by the customer. Through the user interface of the present invention, a customer may freely access, maintain and modify their service profile data without the involvement of or interaction with service personnel. The present invention also provides the ability to selectively access and maintain complex service profile data with a user-friendly and effective interface. When the interface is implemented with a PC interface, one or more display screens may be provided to display the customer's profile data, and to permit a user to build and maintain their data.

The various features and aspects of the present invention are disclosed herein with reference to a particular AIN-based service, which is referred to as "Positive ID (PID)" or "Computer Access Restriction (CAR)" herein. Although the present disclosure describes a particular implementation of the present invention with respect

to the PID service, the scope of the invention is not limited to this implementation and the various features and aspects of the invention may be adapted for other AIN-based services or telephony. Changes may be made, within the purview of the disclosure, as presently stated, without departing from the scope and spirit of the invention in its various aspects. Further, although the invention has been described herein with reference to particular means, materials and embodiments, the invention is not intended to be limited to the particulars disclosed herein; rather, the invention extends to all functionally equivalent structures, methods and uses.

As disclosed herein, PID is an AIN-based service that permits a user to control access to their telephone or private line. PID may be used to restricts phone line access to computer systems or other proprietary systems (e.g., PBXs, etc.) of a subscriber. According to one aspect of PID, a screening list of authorized calling party numbers (CPNs) is stored at an ISCP or SCP. When a call is placed to a subscriber's working telephone number (WTN) (e.g., the number of the phone line used to access the subscriber's computer system), an AIN query is launched to the SCP by the serving or originating SSP in order to determine whether the calling party is authorized to access the subscriber's system. Authorization is confirmed when the number of the calling party is located in the screening list of authorized CPNs. If the calling party is not authorized, a denial message may be played back to indicate that access has been restricted. A screening list of override access codes may also be stored in the SCP, to permit employees or other calling parties who are calling from an unauthorized phone number to override the rejection and gain access by entering one of the access codes contained in the screening list.

In accordance with an aspect of the invention, a profile management system may be provided as a tool to PID customers for building and maintaining their profile data, including their lists of authorized telephone numbers and access codes

associated with their PID-equipped lines. The user interface of the invention may comprise a PC interface including client software which allows a user to access a secured server of the PID service provider, which will accept changes made by a user through the PC interface. These changes may include revisions to a customer's list that are sent to the AIN network that screens the PID customer's incoming calls. According to an aspect of the invention, the server may also automatically track log-on activity to a customer's account and provide reports so that a user can verify that only authorized individuals have accessed their WTN.

Fig. 2 illustrates in block diagram form an exemplary system architecture for implementing the present invention. The profile management system of the present invention may include a PID PC client 102 that serves as a PC interface for the PID user or subscriber. Although Fig. 2 depicts a single PID PC client 102, a plurality of PID PC clients may be provided for each AIN-service based user and/or depending on the number of users accommodated by the profile management system of the invention. The PID PC client 102 may comprise PID client software residing on a micro-processor based system or personal computer platform such as an IBM PC or compatible, preferably operating in a Microsoft Windows environment. The PID client software may be programmed with a high level programming language, such as PowerBuilder available from Sybase, Inc. of Emeryville, California and provides various display windows or screens for facilitating the building and maintenance of the user's profile data. A detailed description of the functions and operations performed by the PID client software is provided below.

The PID PC client 102 may include a modem for dialing and accessing a PID PC server 104 through a dedicated/private line or network using, for example, the TCP/IP protocol. Messaging middleware such as "DATAGATE" (which is a message based software application available from Southwestern Bell Telephone

Co.) may be utilized by the PID PC client 102 to send and receive messages and information to the PID PC server 104. Although Fig. 2 only depicts one PID PC server, depending on the number of users and system capacity, one or more PID PC servers may be provided that each serve a plurality of PID PC clients. The PID PC client 102 may communicate with the PID PC server 104 to obtain a list of the PID WTNs a user is entitled to work with, and to obtain the detailed information associated with each PID WTN, including the authorized telephone numbers and access codes for user maintenance, e.g., updating the tables.

The PID PC server 104 may comprise an application service to handle the PID client connections and communicates with a Service Management System (SMS) Server 204 to obtain profile data on behalf of subscribers and also to submit subscriber orders. The PID PC server 104 may be implemented with a UNIX-based mainframe or other type of computer, utilizing threads and software programmed in a high level programming language such as C++. The PID PC server 104 may access and interact with the SMS Server 204 via a suitable communication channel or network connections (e.g., a dedicated line, local area network (LAN) or wide area network (WAN)) using TCP/IP and messaging middleware such as "DATAGATE". The SMS Server 204 may be implemented with a UNIX-based mainframe or computer (e.g., a SPARC Center 2000 with a Solaris operating system), and sends information to and receives information from an ISCP or SCP via a service creation environment (SCE) such as SPACE. A more detailed description of the various features of the SMS Server 204 may be found in U.S. patent application no. 08/831,892 filed April 3, 1997, entitled "Apparatus and Method for Facilitating Service Management of Communications Services in a Communications Network", in the names of Larry JOST et al.

As further shown in the embodiment of Fig. 2, the profile management system of the invention may also include a PID status server 106 and PID database 110. The PID status server 106 may comprise an application service to handle asynchronous acknowledgments of client order completion and new PID order notifications from the SMS Server 204. The detailed profile data for each Positive ID WTN (i.e., the authorized telephone number list and access codes) may be simultaneously stored by the SMS server 204 and in the database of the ISCP or SCP. The SMS server 204 keeps a duplicate of the profile data stored in the ISCP to facilitate update and modification of a user's profile data and to provide a backup in case of system failure or outage.

The PID database 110 may store additional data required by the profile management system of the present invention. For example, the PID database 100 stores information relating to orders for new service including the order status and may be used to check all activity on a service order, including creation and cancellation. Furthermore, the PID database 100 may store indicators showing whether a specific user has access to a positive ID number or is locked from access for a positive ID number.

The PID status server 106 may be implemented with a UNIX-based mainframe or computer, utilizing threads and software programmed with a high level programming language such as C++. The PID status server 106 may access and interact with the SMS Server 204 via suitable communication channels or network connections (e.g., a dedicated line, local area network (LAN) or wide area network (WAN)) using TCP/IP and messaging middleware such as "DATAGATE". The PID database 110 may be implemented with a suitable storage device or as part of the memory of a UNIX-based mainframe or computer system. It is also possible that several of the main components of the profile management system, including the PID

PC server, the PID status server and the PID database are implemented on a single mainframe or computer system (such as a UNIX-based mainframe).

The user interface is now described with reference to Figs. 6 and 7. Initially, the user logs onto the PID PC server 104 from the PID PC client 102. In a preferred embodiment, the log-in is password controlled. After the user ID and password is verified, a screen similar to that shown in Fig. 6 will appear. Fig. 6 shows all working telephone numbers associated with the user's password and user ID. Then, a user may select one of the WTNs to view, edit or delete. The screen shown in Fig. 6 also indicates a status of each WTN. If the WTN is shown as *ACTIVE*, the date in the second column indicates the date the current profile data was put into service to restrict calls. When a WTN is active, the view and edit button are available, whereas the delete button is unavailable. Viewing the *ACTIVE* status tables is particularly important when trying to establish if an authorized person's telephone number is, in fact, on the table and also whether a given access code is valid.

If the status column for a WTN indicates *PENDING*, then a file containing authorized telephone numbers and access codes has been created with changes in it, but those changes have not yet become effective. Pending files can be created for immediate processing or with an effective date some time in the future, which the user may select. A pending file can also be deleted, which will completely eliminate the submitted file. When a pending file is deleted, a new pending file can be created by editing an active WTN. The status of a WTN is shown as *NEW* from the time that the Positive ID service is ordered until the service establishment date passes.

To select a PID WTN for editing or viewing, the user highlights a desired WTN and presses the edit or view button as shown in Fig. 6. In a preferred embodiment, the screen shown in Fig. 7 will then appear displaying both the authorized telephone number and access code tables. The authorized telephone

number table stores the authorized telephone number in the first column, and comments in the second and third columns. Typically, the second column will store the name of the person associated with the authorized telephone number. The second comment column (third column in Fig. 7) may be used, for example, to indicate a department associated with the authorized telephone number.

According to a preferred embodiment, both tables can be sorted to provide ease in analyzing the information. By double clicking on any column heading, the data will be sorted by the information in that column in ascending order. For example, by double clicking on the column storing authorized telephone numbers, the authorized telephone number table will be sorted in ascending order by authorized telephone number. By double clicking on the comments field, the authorized telephone number table will be alphabetically sorted by the data in the comments field, e.g., by name.

In a preferred embodiment, the authorized number table stores up to 500 numbers, although any other maximum number of authorized telephone numbers can be utilized depending on available storage capacity. Preferably, the authorized telephone numbers are stored in the area code - telephone number format, which is 10 digits in length. By pressing the add button when editing the authorized telephone numbers table, the user may insert a new authorized telephone number into the table. By highlighting an authorized telephone number and pressing the remove button, the user may delete an authorized telephone number from the table.

In a preferred embodiment, the access code table is limited to 100 entries, although any other number may be used depending on available system storage. In a preferred embodiment, the access codes are 4 to 7 digits in length. As shown in Fig. 7, the access code table contains one comment field for information, such as the department, associated with each access code. An access code can be added and deleted in the same manner as the authorized telephone number is added and deleted.

Referring back to Fig. 6, when a PID WTN shows a *NEW* status, no tables exist for that WTN. However, a user may view and edit the unpopulated tables. New tables associated with the *NEW* WTN can be created by pushing the edit button. Pushing the edit button creates a pending version of the tables that may be submitted to the SMS server 204 when editing is completed. If the PID WTN number is shown as *ACTIVE*, no pending file exists for that WTN. However, a user may view the file (storing the tables) currently restricting access to the WTN and may create a new file. After the user creates a new file by completing editing of the file, the WTN will show *PENDING* status. If another user is editing a WTN's tables, then the tables can only be viewed (not edited), because only one pending file can exist for each PID WTN.

If a PID WTN has a *PENDING* status, a file has been created with changes to the table associated with that PID WTN and the file has been submitted, but the changes have not yet become effective. In a preferred embodiment each PID WTN is permitted one pending file. The pending file can be edited, but the edited version will replace the existing pending file. The pending file can also be deleted, which will completely eliminate the submitted file. When a pending file is deleted, a new pending file can be created by editing the new or active PID WTN. Moreover, when a PID WTN is *PENDING*, the user may elect to view either the active file, or the pending file. In other words, the user may view the file currently controlling access to the PID WTN, or the file scheduled to control access when it becomes effective.

In a preferred embodiment, when submitting files to the SMS server 204, an effective date of the submitted file must be selected. Selecting an effective date in the future allows updates to the tables to be made in advance of when the file is actually needed. For example, if a new employee is joining a group in a week, the file could be updated and submitted, but not be made effective until the next week when the employee is part of the group.

Once the user selects a PID WTN to view or edit, the PID PC server 104 launches a query to the SMS server 204 to retrieve the tables (authorized telephone number table and access code table) associated with that PID WTN. The PID PC server 104 also locks the PID WTN, so that no other user can access the tables for editing purposes, until the initial user has completed working with the tables.

In a preferred embodiment, the authorized telephone numbers field and comments fields of the authorized telephone numbers table are stored by the SMS server 204, but the comment fields is stripped off prior to the SMS server 204 sending the message to SPACE. Consequently, if the user only changes information in the comments field, the PID PC client 102 sends a message to the PID PC server 104 indicating that only comments have changed. The PID PC server 104 then sends only the comments field to the SMS server 204 and will mark the change as local only. The local indication tells the SMS server 204 that the update should not be sent onward to SPACE and the ISCP, but should be saved within the SMS server 204.

A detailed description of exemplary interactions between the various main components of the profile management system (i.e., the PID PC Client, the PID PC Server, the PID Status Server, and the PID Database) is now provided. The messaging between the various components is facilitated with messaging middleware such as DATAGATE. First, the messages between the PID PC client 102 and the PID PC server 104 are described.

In a preferred embodiment, the connection between the PID PC client 102 and the PID PC server 104 is via TCP/IP using either a dial up connection or a dedicated line. Initially, the PC client may initiate a log in request by transmitting the user ID and password to the PC server. The PC server responds by accepting the log in or rejecting the log in. The PC client may also initiate a request to change a password to which the PC client responds by either accepting or rejecting the request.

Another possible transaction between the PC client and PC server is retrieving the list of PID WTNs the user has access to, along with information about all pending activities to be performed on each PID WTN. Upon receipt of the PID WTN information, the user interface on the PC client displays the information in a manner similar to that shown in Fig. 6. For a new PID WTN not yet established, which the user has yet to submit tables for, the PC server assigns a *NEW* status for this PID WTN.

Another possible transaction between the PC server and PC client is retrieving the authorized telephone number table and access code table associated with a specific PID WTN. As described above, the user may view the active or pending files. The PC server's response to the PC client's requests includes a read-only data structure if another user is currently working with the PID WTN's pending file i.e., the file is locked, or if the active file is requested. Note, a user may lock a PID WTN that has a pending file, if the user is requesting the pending file. However, if the user is requesting the active view, the lock will be rejected.

Another possible transaction between the PC client and PC server is modifying the authorized telephone number table and the access code table associated with the PID WTN. The PC server responds to the request with either a success or failure indication.

Another set of possible transactions between the PC server and PC client is establishing and releasing a user's lock on a PID WTN's file. Establishing the user's lock locks the PID WTN's file from write access by other users. In other words, a lock prevents any other user from editing the tables associated with the PID WTN. When a user requests a view of a pending PID WTN file, the PC server locks the pending PID WTN's file, preventing any other user from submitting modifications to the PID WTN's file. The release lock transaction may be used to unlock the PID

WTN's file. The release lock request is sent by the user interface on the PC client when a user has exited the PID edit screen.

A cancel pending request transaction is also possible between the PC client and the PC server. The cancel pending request transaction allows a user to cancel a pending request against the PID WTN. In a preferred embodiment, the user selects a specific file for canceling or a file assigned to a specific pending date. After canceling a pending request on a PID WTN, the user interface may allow the user to edit the pending view (retrieved prior to the cancellation) and resubmit the request. A user must obtain a lock on the PID WTN after performing the cancel. Cancellation of a pending file for a PID WTN that is locked is prohibited, unless the file is being canceled by the user holding the lock.

An additional PC client to PC server interaction is for status log requests. a status log request transaction retrieves the status log history of a specified PID WTN, or all PID WTNs associated with a user. If a PID WTN is specified in the request, then the log for that PID WTN is returned. Otherwise, the log for all the PID WTNs associated with the user are returned. A user may also request a date which will be the cutoff time from when the log information begins. If the date is unspecified, the PC server returns all available log information for the selected PID WTNs.

Possible PID PC server 104 to SMS server 204 interactions are now described. The PC server connects to the SMS server over a LAN using TCP/IP and messaging middleware, such as DATAGATE. The PC server may request the current or pending view of the authorized telephone number and access code tables associated with a PID WTN. The PC server may also request to update the PID tables and request to cancel the update of the authorized telephone number and access code tables associated with the PID WTN. In both cases, the SMS server responds with either a success or an error.

Interactions between the SMS server 204 and the PID status server 106 are now described. The SMS server connects to the status server via the LAN using TCP/IP and messaging middleware, such as DATAGATE.

When an order for Positive ID is received by the SMS (e.g., from SOAC),
5 the SMS server sends associated information, such as the WTN and its user ID, to the status server. The status sever then inserts the new WTN into a table storing all PID WTNs. After the successful table addition, the status server sends a confirmation message back to the SMS server. An order may also be changed or deleted. If a prior version of the order exists, the status server resolves differences
10 between the two versions. For example, if the prior version of the order creates a PID WTN not created by the latest version of the PID WTN, the status server removes the PID WTN. Alternatively if new PID WTNs are created by the newer version of the order, the status server adds the new PID WTNs. The revised order is then stored in the PID database 110. If a cancel request is received, the old
15 order is read in from the PID database and the initial work for the order is undone, the order status is set as *CANCELED* and the order is updated in the PID database.

In a preferred embodiment, the SMS server 204 sends the message indicating a pending PID WTN before the due date on the service order because the subscriber then has time to set up their lists of authorized telephone numbers
20 and access numbers prior to the effective date of their service. Thus, the service can be activated the same day the user begins paying for it. In cases other than Positive ID, when the SMS server receives a service order from SOAC, a field in the message received by the SMS server should be provided to indicate the type of service being ordered.

25 The SMS server may also send an acknowledgment that the PID tables are updated when the SMS server has processed a user requested update sent to the

SMS server. In response to the acknowledgment, the status server changes the status associated with the WTN from *PENDING* to *ACTIVE*.

The SMS server may also send a cancellation acknowledgment to the status server when the SMS server has processed a user request to cancel a user generated file (storing the tables). The status server responds by updating the status of the order. The status of the order is set to *CANCELED*.

Fig. 3 illustrates in block diagram form another exemplary system architecture for implementing the features of the present invention. The main components of the profile management system (i.e., the PID PC client 102, the PID PC server 104, the PID status server 106, and the PID database 110) may be configured similarly to the system described with reference to Fig. 2. The SMS server 204 may also be configured similarly to SMS server in Fig. 2, or it may be implemented with two main interfaces (e.g., a SMS query server and a SMS O.S.S. server) as shown in Fig. 3. The SMS query server comprises an interface for the PID PC server 104 and sends queries to the ISCP or SCP database via SPACE to obtain a customer's profile data for subsequent viewing at the PC client 102. The service profile data obtained by the SMS query server (based on a request from the PC server 104) may be sent back to the PC client 102 via the PC server 104. As noted above, the SMS server 204 may also comprise a database (not shown) for storing a copy of the profile data of all PID customer's stored in the ISCP or SCP. The redundancy may be provided to protect against outages or system defaults at SPACE or the ISCP/SCP, and the data stored at the SMS may be updated with the ISCP/SCP profile data on a periodic basis (e.g., once a day, etc.) to maintain accuracy. When a copy of the customer's profile data is provided at the SMS server 204, the SMS query server may query the SMS database to obtain a customer's profile data for viewing. In addition, a SMS O.S.S. server (see Fig. 3)

may be provided as part of the SMS server 204 to handle updates to a customer's profile data (received from the PC client 102 via the PID PC server 104). The SMS O.S.S. server may also initiate and process a customer's service order (e.g., to populate or change a user profile) and acknowledge the status of the customer's order (in the form of a feedback message to the PID status server 106).

Various methods and procedures may be provided for service initialization and activation. For example, in the embodiment of Fig. 3, a user wishing to subscribe to PID may contact service personnel (e.g., by telephone, the internet or e-mail) and request that a service order be placed. When placing the service order, a client may provide contact information to the service personnel. After collecting all of the pertinent information, the client order will be entered by the service personnel (e.g., at a SOAC system terminal) and will flow to SMS for provisioning. The SMS server 204 will then send an acknowledgment message (e.g., via the SMS O.S.S. Server) to the PC status server 106 to confirm, for example, receipt of the customer's order and that the processing of the order has been initiated. The PID database 110 may include a SOAC order table to list a new client's order that has been received and confirmed by the SMS.

Support personnel may access and view the SOAC order table of the PID database 110 via a PID administration tool 130 (which may comprise a computer based interface for accessing and storing information with the PID database). When a support person sees that a new order is present in the SOAC order table, the support person may contact the customer or client based on the contact information that was provided. From the new customer or client, the service person may gather various information to provision the PID PC interface feature of the invention. For example, the service personnel may obtain and setup a user ID and password for the user of the PID PC client software, and determine the client's

system specifications. The service person may also confirm the user's address and send the PC client software to the user for installation.

The user ID and password may be provisioned and stored in an access database 120 by the support person, to provide a security feature for limiting
5 access to the PID PC server 104 and access to the customer's profile data. The access database 120 may be implemented with "Graceland", which is an access and security management tool available from Southwestern Bell Telephone, and the database may be queried and searched by the PID PC server 104 to verify a user's password and user ID before granting access to a client at PID PC client
10 102. Of course any other access and security management tool can be substituted for "Graceland".

According to another preferred embodiment, a user may choose to retrieve an activity log either in its entirety or by selecting a specific WTN and/or date after which all entries should be displayed. The activity log displays transactions related
15 to each Positive ID WTN associated with the user ID. An example of an activity log is illustrated in Fig. 8. The first column indicates the user associated with the activity being logged. In the log file shown in Fig. 8, three different users all had activities logged. The second column indicates the WTN associated with the activity. The third column displays the activity. Possible activities for a WTN
20 are: *ACCESSED* indicating a Positive ID WTN table was reviewed; and *SUBMITTED* indicating a Positive ID WTN table was changed and sent to the SMS server 204. Thus, a modified table will show two log entries, one for accessed and one for submitted. Additional activities are: *CANCEL SEND* indicating a pending file was canceled before it became active and *REPLACED*
25 indicating the pending file was edited and resubmitted to the SMS server 204.

Thus, a replaced table will show two log entries, one for *ACCESSED* and one for *REPLACED*.

The Date/Time column shows the date and time when the activity occurred. The effective date column, shows the date that a pending file is to be made active
5 or the date when another activity is made effective. In the status column, the status value can be *PENDING*, *CANCELED*, *COMPLETED*, *IN PROCESS* and *FAILED*.

PENDING indicates that files have been submitted but have not become active yet. If the pending file was submitted for a future effective date, it will remain in *PENDING* status until edited or the effective date passes. If the effective date
10 field is today's date, the file was sent for immediate processing and will show an *IN PROCESS* status until confirmation is received from the AIN network that the changes have become active. The *COMPLETED* status indicates the file that was submitted is now effectively restricting access to the PID WTN. The *FAILED* status indicates the submitted file failed. A *CANCELED* status indicates the
15 pending file was deleted before it was made active. Any authorized user may delete a pending file, not only the user who created the pending file. The Status Date/Time column indicates the date and time the status changed to the status shown in the Status column. Thus, the activity log provides the user information for tracking changes.

20 According to a preferred embodiment, when the PID PC client 102 is connected with the PID PC server 104, a time out may occur. The time out requires a password to be re-entered after a period of inactivity. In a preferred embodiment, the period is 15 minutes. Therefore, after 15 minutes with no keystrokes, the user's keyboard would lock, relative to the profile management
25 application, until the password is re-entered.

In addition to accessing the profile data with the PID PC client software, an interactive voice response (IVR) system i.e., DTMF, may also be employed according to another embodiment. The IVR system allows the user to add, delete and verify authorized telephone numbers and access codes from any location using a touch tone phone. Once the initial authorized telephone number and access tables have been created and transmitted via the PC interface, the IVR may be used to update the profile data. By calling the IVR and following touch tone commands, updates can be made which become effective immediately. The IVR can also be used at any time to audibly review the tables of authorized telephone numbers and access codes. To use the IVR, the user must enter a password and the PID WTN enabling the user to access the information. The combination of the PID WTN and the password will authenticate users.

While the invention has been described with reference to several exemplary embodiments, it is understood that the words which have been used herein are words of description and illustration, rather than words of limitations. Changes may be made, within the purview of the disclosure, as presently stated and as amended, without departing from the scope and spirit of the invention in its aspects. Further, although the invention has been described herein with reference to particular means, materials and embodiments, the invention is not intended to be limited to the particulars disclosed herein; rather, the invention extends to all functionally equivalent structures, methods and uses.

For example, Figs. 4 and 5 illustrate, in general block diagram form, other exemplary system architectures and environments for implementing the invention. Fig. 4 illustrates a system environment in which the invention may be implemented, with the PC server 104 and the PID status server 106 residing on the same platform or entity. Although not shown in Fig. 4, the PID database 110 may

also be provided on the same platform or system entity of the PID PC server and PID status server. In addition, Figs. 5 illustrates an exemplary WAN-based architecture for implementing the invention. A description of the various components depicted in Figs. 4 and 5 may be found in the U.S. patent application
5 no. 08/831,892 filed April 3, 1997, entitled "Apparatus and Method for Facilitating Service Management of Communications Services in a Communications Network", in the names of Larry JOST et al., the disclosure of which is expressly incorporated herein by reference in its entirety.

10 Although the present invention has been described in considerable detail with reference to certain preferred embodiments, other embodiments are possible. Therefore, the scope and spirit of the appended claims should not be limited to the description of the preferred embodiments contained herein.

What is claim is:

1. A method for managing, by a profile management system, subscriber profile data associated with a communications service subscribed to by a subscriber, the subscriber profile data being stored on a communications network which executes the communications service in accordance with the subscriber profile data, the method comprising:

receiving a subscriber request to view the subscriber profile data from a client which hosts a user interface configured to allow the subscriber to view and update the subscriber profile data;

retrieving the subscriber profile data from the communications network based upon receiving the subscriber request to view the subscriber profile data from the client;

forwarding the subscriber profile data to the client;

receiving a subscriber request to update the subscriber profile data from the client, and

forwarding an update for the subscriber profile data to the communications network based upon receiving the subscriber request to update the subscriber profile data from the client.

2. The method for managing subscriber profile data of claim 1,
wherein the subscriber profile data is retrieved from the communications network via at least one intermediate system.

3. The method for managing subscriber profile data of claim 1,

wherein the update for the subscriber profile data is forwarded to the communications network via at least one intermediate system.

4. The method for managing subscriber profile data of claim 1,
wherein the profile management system comprises a server.

5. The method for managing subscriber profile data of claim 1,
wherein the user interface is a graphical user interface.

6. The method for managing subscriber profile data of claim 1,
wherein the communications service comprises positive identification.

7. The method for managing subscriber profile data of claim 6,
wherein the communications network comprises a telecommunications network.

8. The method for managing subscriber profile data of claim 7,
wherein the subscriber profile data comprises access codes and authorized
telephone numbers.

9. The method for managing subscriber profile data of claim 8,
wherein, when a calling party calls the subscriber, the calling party is only
successfully connected to the subscriber when either the calling party's telephone

number is an authorized telephone number or when the calling party inputs one of the access codes.

10. The method for managing subscriber profile data of claim 9,
wherein a reporting system generates reports comprising calling parties attempting to connect to the subscriber, indicating each calling party successfully connected to the subscriber and each calling party not successfully connected to the subscriber.

11. The method for managing subscriber profile data of claim 1, further comprising:

controlling access to the subscriber profile data, using an access control system, to only allow authorized subscribers to view and request updates to the subscriber profile data.

12. The method for managing subscriber profile data of claim 1, further comprising:

receiving, from the client, a time specified by the subscriber as to when the requested update for the subscriber profile data should be forwarded to the communications network.

13. A method for managing subscriber profile data associated with a communications service subscribed to by a subscriber, the subscriber profile data being

stored on a communications network which executes the communications service in accordance with the subscriber profile data, the method comprising:

receiving, from a profile management system, a subscriber request to view the subscriber profile data, the subscriber request to view the subscriber profile data being received from the profile management system based upon the profile management system receiving the subscriber request to view the subscriber profile data from a client which hosts a user interface configured to allow the subscriber to view and update the subscriber profile data;

forwarding the subscriber profile data to the profile management system based upon receiving the subscriber request to view the subscriber profile data from the profile management system, the profile management system being configured to forward the subscriber profile data to the client when the profile management system receives the subscriber profile data;

receiving an update for the subscriber profile data from the profile management system, the update for the subscriber profile data being received from the profile management system based upon the profile management system receiving a subscriber request to update the subscriber profile data from the client,

wherein the communications network executes the communications service in accordance with the updated subscriber profile data.

14. The method for managing subscriber profile data of claim 13,

wherein the subscriber profile data is forwarded to the profile management system via at least one intermediate system.

15. The method for managing subscriber profile data of claim 13,
wherein the update for the subscriber profile data is received from the profile
management system via at least one intermediate system.

16. The method for managing subscriber profile data of claim 13,
wherein the communications service comprises positive identification.

17. The method for managing subscriber profile data of claim 16,
wherein the communications network comprises a telecommunications network.

18. The method for managing subscriber profile data of claim 17,
wherein the subscriber profile data comprises access codes and authorized
telephone numbers.

19. The method for managing subscriber profile data of claim 18,
wherein, when a calling party calls the subscriber, the calling party is only
successfully connected to the subscriber when either the calling party's telephone
number is one of the authorized telephone numbers or the calling party inputs one of
the access codes.

20. The method for managing subscriber profile data of claim 14,

wherein the intermediate system comprises a service management system (SMS) server.

21. The method for managing subscriber profile data of claim 14,
wherein the intermediate system further comprises SPACE.

22. The method for managing subscriber profile data of claim 13,
wherein the profile management system communicates with the client using TCP/IP.

ABSTRACT OF THE INVENTION

Subscriber profile data associated with a communications service subscribed to by a subscriber is managed by a profile management system. The subscriber profile data is stored on a communications network which executes the communications service in accordance with the subscriber profile data. A subscriber request to view the subscriber profile data is received from a client which hosts a user interface configured to allow the subscriber to view and update the subscriber profile data. The subscriber profile data is retrieved from the communications network based upon receiving the subscriber request to view the subscriber profile data from the client. The subscriber profile data is forwarded to the client. A subscriber request to update the subscriber profile data is received from the client. An update for the subscriber profile data is forwarded to the communications network based upon receiving the subscriber request to update the subscriber profile data from the client.

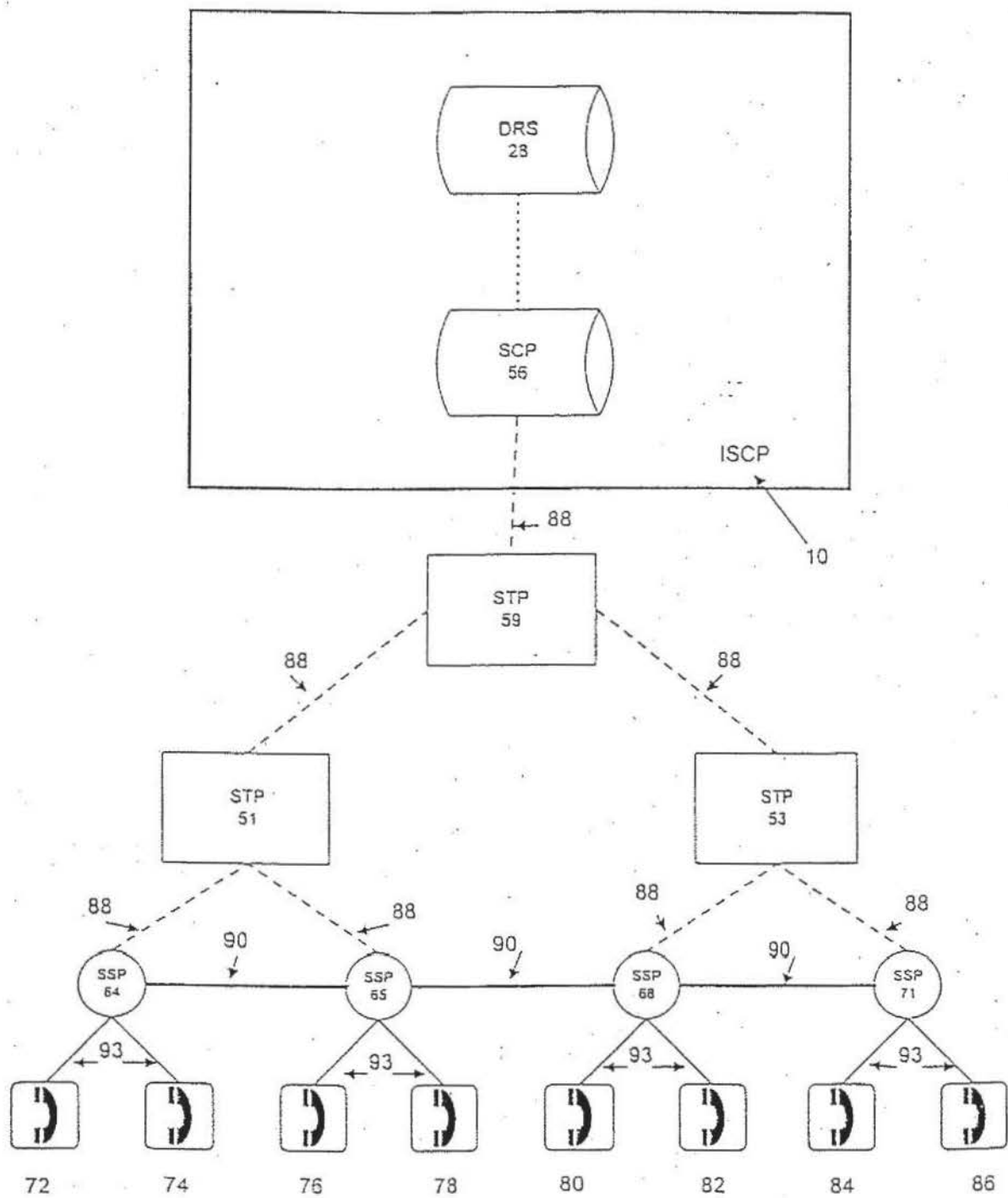
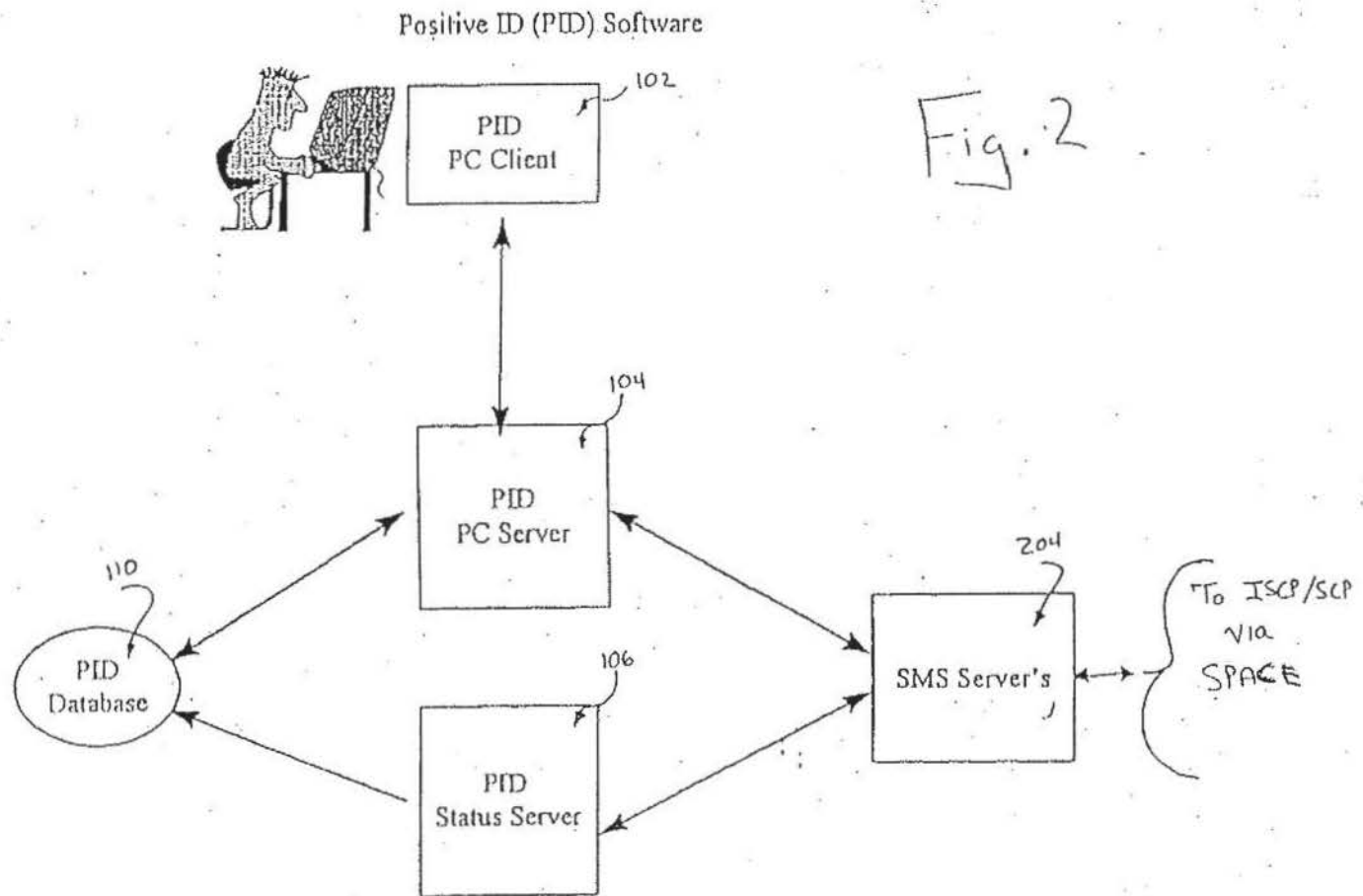


FIG. 1
(PRIOR ART)



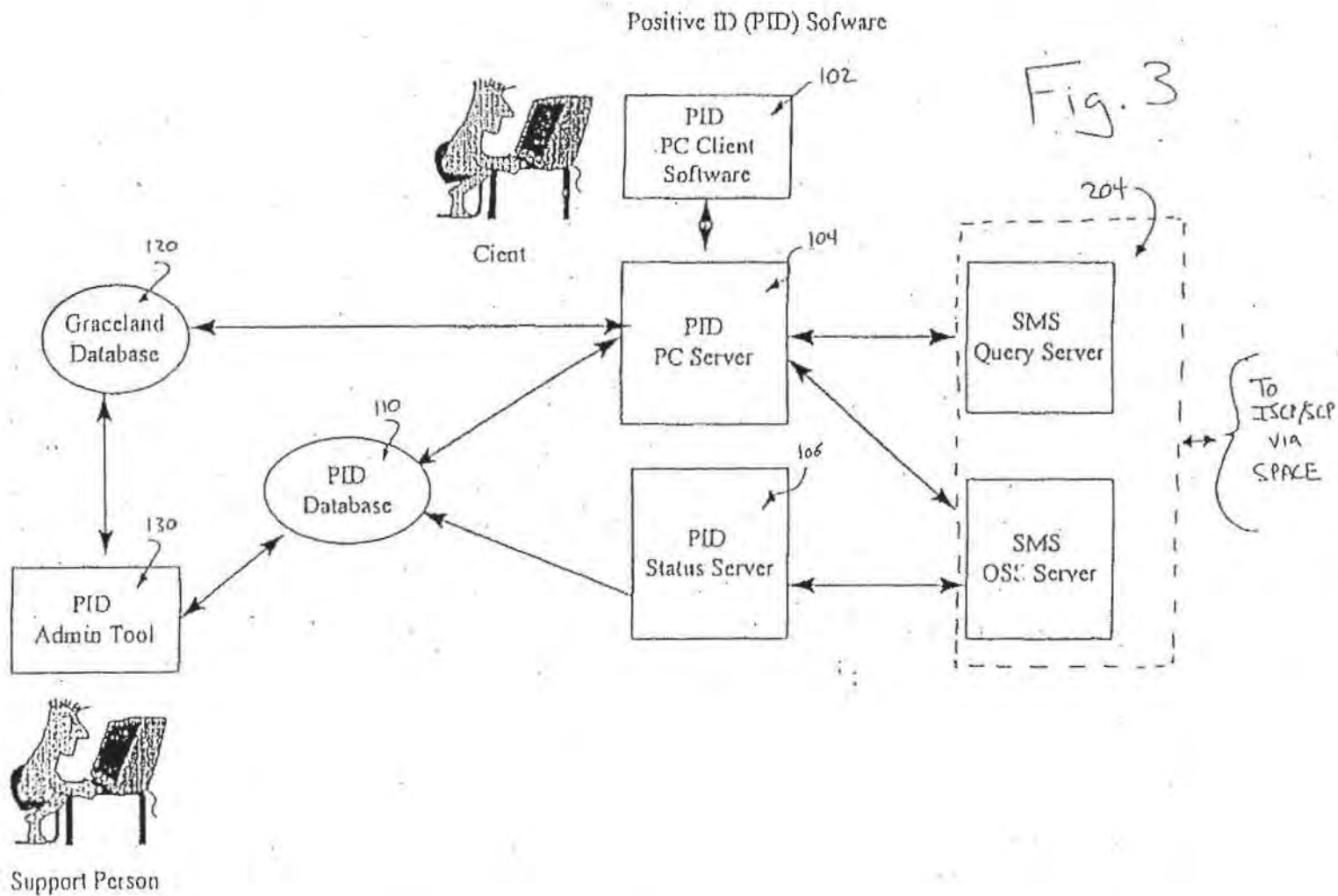


FIG. 4

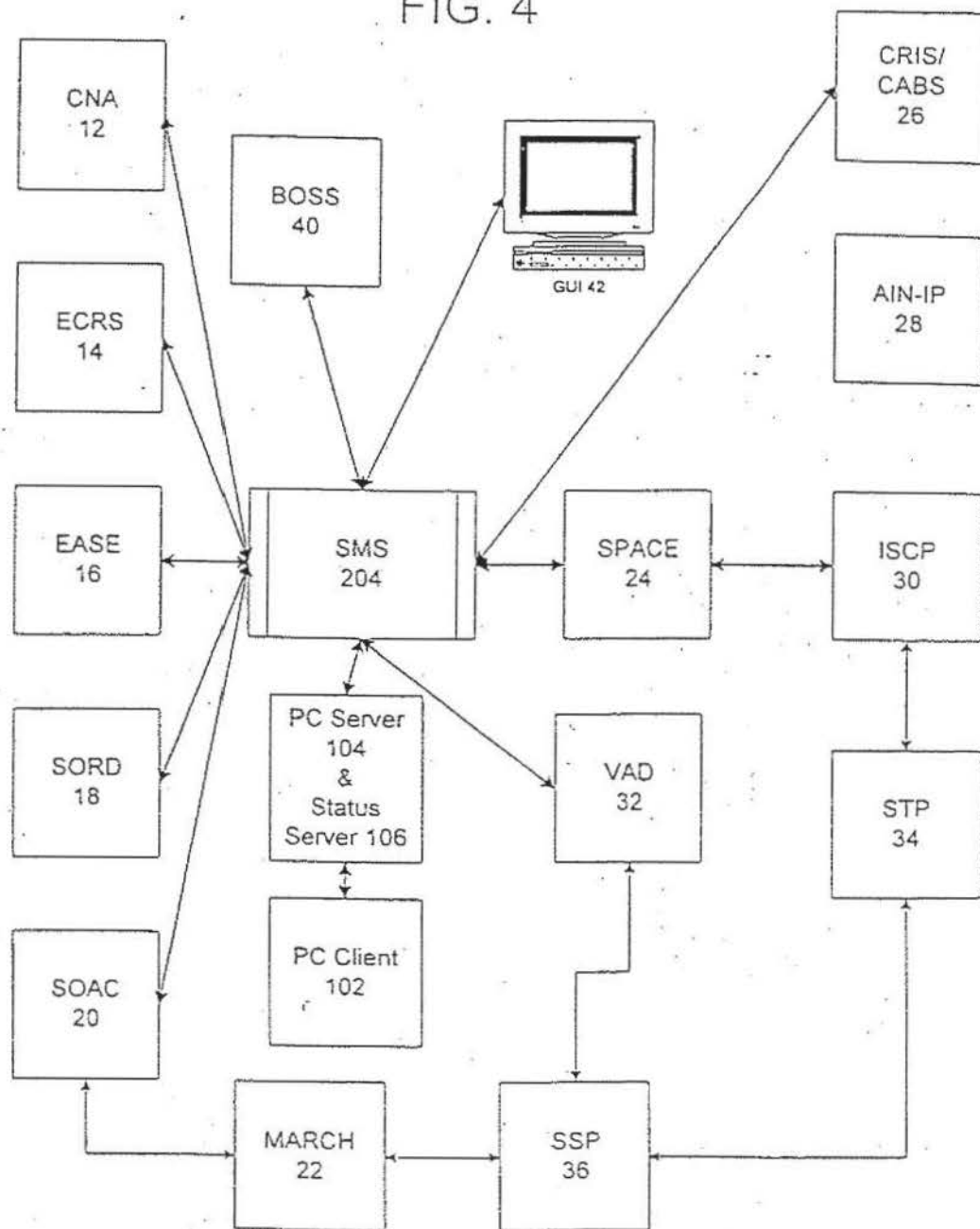


FIG. 5

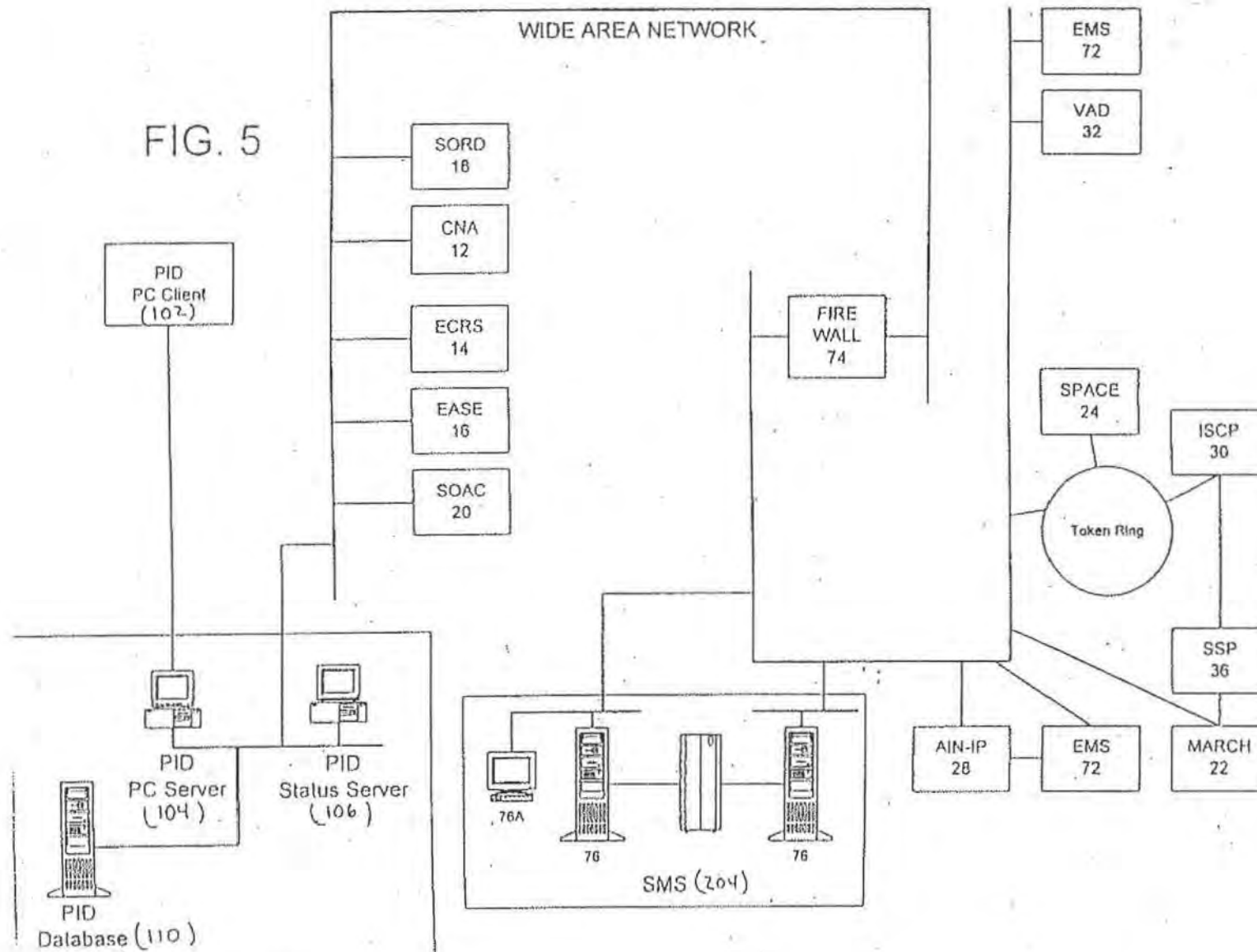


FIG. 6

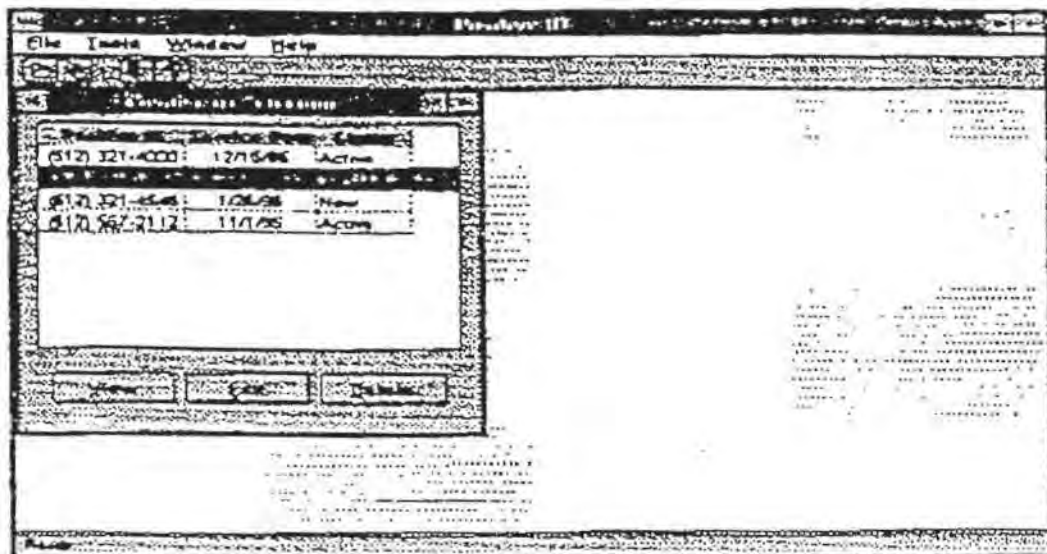


FIG. 7

Business

File Edit Tools Window Help

Business Lists

Telephone Number: Comment: Last: First: Comment:

(314) 286-9049	Stricklin, K	2nd line
(314) 286-8089	Stricklin, K	3rd line
(314) 631-3450	Brakow, Steve	
(314) 937-2012	Turley, Wayne	
(314) 928-8009	Scan, John	Vendor

Address: City: State: Zip: Comment:

1234566	Information Services
13579	Doe, John (contractor)
987652	Marketing

Print

FIG. 8

<u>USER</u> <u>ID</u>	<u>Positive ID</u> <u>Number</u>	<u>Activity</u>	<u>Date/Time</u>	<u>Effective</u> <u>Date</u>	<u>Status</u>	<u>Status</u> <u>Date/Time</u>
KC1463	(314) 331-2151	Sent file	12/23/95, 08:56	1/3/96	failed	12/23/95, 09:42
KC1463	(314) 235-5000	Accessed	1/3/96, 08:30			
MT11234	(314) 235-5000	Sent file	1/3/96, 13:21	1/20/96	cancel	1/3/96, 17:35
KC1463	(314) 235-5000	Cancel send	1/3/96, 17:05	1/20/96	completed	1/3/96, 17:35
MW3344	(314) 235-6000	Sent file	1/3/96, 18:35	1/3/96	pending	

Declaration and Power of Attorney For Utility or Design Patent Application

English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Profile Management System Including User Interface for Accessing and Maintaining Profile Data of User Subscribed Telephony Services

the specification of which

(check one)

☐ is attached hereto.

☒ was filed on March 31, 1998 as

Application No. _____

and was amended on _____

(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code §119 (a-d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the "No" box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

☐ Additional foreign application numbers are listed on a supplemental priority sheet attached hereto.

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

<u>60/042,680</u> (Number)	<u>April 3, 1997</u> (Day/Month/Year Filed)
_____ (Number)	_____ (Day/Month/Year Filed)
_____ (Number)	_____ (Day/Month/Year Filed)

☐ Additional provisional application numbers are listed on a supplemental priority sheet attached hereto.

by claim the benefit under Title 35, United States Code §120 of any United States application(s), or (c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

(Application No.)

(Filing Date)

(Status)
(patented, pending, abandoned)

(Application No.)

(Filing Date)

(Status)
(patented, pending, abandoned)

☐ Additional U.S. or international application numbers are listed on a supplemental priority sheet attached hereto.

I hereby declare 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 issued thereon.

The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from either his foreign patent agent or corporate representative, if any, as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney or agent named herein will be so notified by the undersigned.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the attorney(s) and/or agent(s) associated with the Customer Number provided below to prosecute this application and transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to that Customer Number.

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Ex 1002

Page 49

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Third Inventor's signature	<i>Katherine L. Krein</i> Date 5/5/98
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Citizenship	United States
Post Office Address	One Bell Center, Room 23-P-02, St. Louis, MO 63101
Full name of fourth joint inventor, if any	Christopher H. Rolwes
Fourth Inventor's signature	<i>Christopher H. Rolwes</i> Date 5/8/98
Residence	St. Louis
Citizenship	United States
Post Office Address	One Bell Center, Room 22-N-06, St. Louis, MO 63101
Full name of fifth joint inventor, if any	Terry L. Vieth
Fifth Inventor's signature	<i>Terry L. Vieth</i> Date 5-12-98
Residence	St. Louis
Citizenship	United States
Post Office Address	One Bell Center, Room 18-D-01, St. Louis, MO 63101
Full name of sixth joint inventor, if any	Tracy L. Brokaw
Sixth Inventor's signature	<i>Tracy L. Brokaw</i> Date 7-22-98
Residence	St. Louis
Citizenship	United States
Post Office Address	10229 Carriage Crossing Place Drive, St. Louis, MO 63123

Full name of Mary B. Clark

Seventh Inventor's signature

Mary B. Clark

5/11/98

Date

Residence St. Louis

Citizenship United States

Post Office Address One Bell Center, Room 18-E-05, St. Louis, MO 63101

Full name of

Eighth Inventor's signature

Date

Residence

Citizenship

Post Office Address

Full name of

Ninth Inventor's signature

Date

Residence

Citizenship

Post Office Address

Full name of

Tenth Inventor's signature

Residence

Citizenship

Post Office Address

Electronic Acknowledgement Receipt

EFS ID:	1120770
Application Number:	11459121
Confirmation Number:	9844
Title of Invention:	PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE FOR ACCESSING AND MAINTAINING PROFILE DATA OF USER SUBSCRIBED TELEPHONY SERVICES
First Named Inventor:	Paul BANIAK
Customer Number:	07055
Filer:	Joshua Mitchell Povsner/Timothy Boone
Filer Authorized By:	Joshua Mitchell Povsner
Attorney Docket Number:	P30004
Receipt Date:	21-JUL-2006
Filing Date:	
Time Stamp:	13:51:15
Application Type:	Utility
International Application Number:	

Payment information:

Submitted with Payment	yes
Payment was successfully received in RAM	\$ 1100
RAM confirmation Number	868
Deposit Account	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)	Multi Part	Cox Pages
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1		P30004_APPLN.PDF	1717012	yes	50
	Multipart Description				
	Doc Desc		Start	End	
	Miscellaneous Incoming Letter		1	1	
	Specification		2	31	
	Claims		32	37	
	Abstract		38	38	
	Drawings		39	46	
	Oath or Declaration filed		47	50	
Warnings:					
Information:					
2	Application Data Sheet	P30004_ADS.PDF	3991197	no	6
Warnings:					
Information:					
3	Fee Worksheet (PTO-875)	fee-info.pdf	8539	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			5716748		
<p>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.</p> <p><u>New Applications Under 35 U.S.C. 111</u> 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.</p> <p><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.</p>					

Electronic Patent Application Fee Transmittal

Application Number:				
Filing Date:				
Title of Invention:	PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE FOR ACCESSING AND MAINTAINING PROFILE DATA OF USER SUBSCRIBED TELEPHONY SERVICES			
First Named Inventor:	Paul BANIAK			
Filer:	Joshua Mitchell Povsner/Timothy Boone			
Attorney Docket Number:	P30004			
Filed as Large Entity				
Utility Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Utility application filing	1011	1	300	300
Utility Search Fee	1111	1	500	500
Utility Examination Fee	1311	1	200	200
Pages:				
Claims:				
Claims in excess of 20	1202	2	50	100
Miscellaneous-Filing:				
Petition:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				1100

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	P30004
		Application Number	
Title of Invention	PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE FOR ACCESSING AND MAINTAINING PROFILE DATA OF USER SUBSCRIBED TELEPHONY SERVICES		
<p>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.</p> <p>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.</p>			

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		<input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118	
Prefix	Given Name	Middle Name	Family Name		Suffix		
	Paul	G.	BANIAK				
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service							
City	St. Louis	State/Province	MO	Country of Residence i	US		
Citizenship under 37 CFR 1.41(b) i		US					
Mailing Address of Applicant:							
Address 1		One Bell Center, Room 16-H-08					
Address 2							
City	St. Louis	State/Province		MO			
Postal Code	63101	Country i	US				
Applicant 2						Remove	
Applicant Authority		<input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118	
Prefix	Given Name	Middle Name	Family Name		Suffix		
	Kristin		CHAMBERS				
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service							
City	Austin	State/Province	TX	Country of Residence i	US		
Citizenship under 37 CFR 1.41(b) i		US					
Mailing Address of Applicant:							
Address 1		1616 Guadalupe Room 712					
Address 2							
City	Austin	State/Province		TX			
Postal Code	78701	Country i	US				
Applicant 3						Remove	
Applicant Authority		<input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118	
Prefix	Given Name	Middle Name	Family Name		Suffix		
	Katherine	L.	KREIN				
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service							
City	St. Louis	State/Province	MO	Country of Residence i	US		

Cox

Ex. 1002

Application Data Sheet 37 CFR 1.76		Attorney Docket Number		P30004	
		Application Number			
Title of Invention		PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE FOR ACCESSING AND MAINTAINING PROFILE DATA OF USER SUBSCRIBED TELEPHONY SERVICES			

Citizenship under 37 CFR 1.41(b) i		US	
Mailing Address of Applicant:			
Address 1		One Bell Center, Room 23-P-02	
Address 2			
City	St. Louis	State/Province	MO
Postal Code	63101	Country ⁱ	US
Applicant 4			Remove
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117	
		<input type="radio"/> Party of Interest under 35 U.S.C. 118	
Prefix	Given Name	Middle Name	Family Name
	Christopher	H.	ROLWES
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service			
City	St. Louis	State/Province	MO
		Country of Residence ⁱ	US
Citizenship under 37 CFR 1.41(b) i		US	
Mailing Address of Applicant:			
Address 1		One Bell Center, Room 22-N-06	
Address 2			
City	St. Louis	State/Province	MO
Postal Code	63101	Country ⁱ	US
Applicant 5			Remove
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117	
		<input type="radio"/> Party of Interest under 35 U.S.C. 118	
Prefix	Given Name	Middle Name	Family Name
	Terry	L.	VIETH
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service			
City	St. Louis	State/Province	MO
		Country of Residence ⁱ	US
Citizenship under 37 CFR 1.41(b) i		US	
Mailing Address of Applicant:			
Address 1		One Bell Center, Room 18-D-01	
Address 2			
City	St. Louis	State/Province	MO
Postal Code	63101	Country ⁱ	US
Applicant 6			Remove
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117	
		<input type="radio"/> Party of Interest under 35 U.S.C. 118	
Prefix	Given Name	Middle Name	Family Name
	Tracy	L.	BROKAW
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service			
City	St. Louis	State/Province	MO
		Country of Residence ⁱ	US
Citizenship under 37 CFR 1.41(b) i		US	

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	P30004
		Application Number	
Title of Invention	PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE FOR ACCESSING AND MAINTAINING PROFILE DATA OF USER SUBSCRIBED TELEPHONY SERVICES		

Mailing Address of Applicant:

Address 1		10229 Carriage Crossing Place Drive	
Address 2			
City	St. Louis	State/Province	MO
Postal Code	63123	Country ⁱ	US
Applicant 7			Remove
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117	
		<input type="radio"/> Party of Interest under 35 U.S.C. 118	
Prefix	Given Name	Middle Name	Family Name
	Mary	B.	CLARK
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service			
City	St. Louis	State/Province	MO
		Country of Residence ⁱ	US
Citizenship under 37 CFR 1.41(b) ⁱ		US	

Mailing Address of Applicant:

Address 1		One Bell Center, Room 18-E-05	
Address 2			
City	St. Louis	State/Province	MO
Postal Code	63101	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).	
<input type="checkbox"/> An Address is being provided for the correspondence Information of this application.	
Customer Number	07055
Email Address	gbpatent@gbpatent.com Add Email Remove Email

Application Information:

Title of the Invention	PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE FOR ACCESSING AND MAINTAINING PROFILE DATA OF USER SUBSCRIBED TELEPHONY SERVICES		
Attorney Docket Number	P30004	Small Entity Status Claimed	<input type="checkbox"/>
Application Type			
Subject Matter			
Suggested Class (if any)		Sub Class (if any)	
Suggested Technology Center (if any)			
Total Number of Drawing Sheets (if any)	8	Suggested Figure for Publication (if any)	2

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	P30004
		Application Number	
Title of Invention	PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE FOR ACCESSING AND MAINTAINING PROFILE DATA OF USER SUBSCRIBED TELEPHONY SERVICES		

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 07055

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	10/761382	2004-01-22
Prior Application Status	Pending	Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	Continuation of	09/050986	1998-03-31
Prior Application Status		Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	non provisional of	60/042680	1997-04-03
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
			<input checked="" type="radio"/> Yes <input type="radio"/> No

Ex. 1002

Page 59

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	P30004
		Application Number	
Title of Invention	PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE FOR ACCESSING AND MAINTAINING PROFILE DATA OF USER SUBSCRIBED TELEPHONY SERVICES		

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

Add

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. ☒

Organization Name SBC Technology Resources, Inc.

Mailing Address Information:

Address 1 9505 Arboretum Boulevard

Address 2

City Austin

State/Province

TX

Country i US

Postal Code

78759

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	/Bruce H. Bernstein/		Date (YYYY-MM-DD)	2006-07-20
First Name	Bruce H.	Last Name	Bernstein	Registration Number 29,027

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.

P30004.A01



ZFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Paul G. BANIAK et al.

Group Art Unit: 2614

App. No. : 11/459,121

Examiner: Not Yet Assigned

Filed : July 21, 2006

Confirmation No. : 9844

For : PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE
FOR ACCESSING AND MAINTAINING PROFILE DATA OF USER
SUBSCRIBED TELEPHONY SERVICES

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
U.S. Patent and Trademark Office
Customer Service Window, Mail Stop AMENDMENT
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir :

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and 37 C.F.R. §§1.97 and §§1.98, Applicants hereby make of record the information of record in parent U.S. Patent Application No. 10/761,382, which issued as U.S. Patent No. 7,103,165 on September 5, 2006.

The Examiner is respectfully requested to consider and make of record in the present application the documents submitted to, or cited by, the U.S. Patent and Trademark Office in the parent application, as well as any other information of record in the parent application.

Applicants note that the documents listed on the attached PTO-1449 Form were previously submitted to, or cited by, the U.S. Patent and Trademark Office in the parent application, upon which the present application depends for an effective filing date

{P30004 00069918.DOC}

P30004.A01

under 35 U.S.C. §120. Accordingly, copies of the documents listed on the attached PTO-1449 Form are not enclosed herewith, in accordance with 37 C.F.R. §1.98 (d). Pursuant to 37 C.F.R. §1.98 (d), the Examiner is requested to review and consider the documents in the parent application.

Applicants respectfully request that the Examiner consider the above material and cite the same. For the convenience of the Examiner, the documents submitted to, or cited by, the U.S. Patent and Trademark Office in the parent application are listed on the attached PTO-1449 Form. The Examiner is requested to initial the appropriate spaces on the attached Form, and to return a copy of the completed Form to Applicants with the next communication from the U.S. Patent and Trademark Office.

Applicants note that an Office Action on the merits has not issued in the present application, and thus no fee is believed necessary to ensure consideration of the submitted material.

If the Examiner has any questions, the Examiner is requested to contact the undersigned at the below-listed telephone number.

Respectfully Submitted,
Paul G. BANIAK et al.

 Joshua M. Povsner
Reg. #42,086

Bruce H. Bernstein
Reg. No. 29,027

October 12, 2006
GREENBLUM & BERNSTEIN, P.L.C.
1950 Roland Clarke Place
Reston, VA 20191
(703) 716-1191

Form PTO-1449

U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No. P30004

Serial No. 11/459,121

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT
(Use several sheets if necessary)

Applicant Paul G. BANIAC et al.

Filing Date July 21, 2006

Group 2614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4	2	9	6	4	6	3	10/1981	DALBOUSSIERE et al.		
		4	4	2	9	1	8	8	01/1984	ALLEN		
		4	6	1	1	0	9	4	09/1986	ASMUTH et al.		
		4	6	1	1	0	9	6	09/1986	ASMUTH et al.		
		4	7	8	8	7	1	8	11/1988	MCNABB		
		4	8	6	0	3	4	7	08/1989	COSTELLO		
		4	8	9	9	3	7	3	02/1990	LEE et al.		
		4	8	7	8	2	4	0	10/1989	LIN et al.		
		4	8	9	7	8	6	6	01/1990	MAJMUDAR et al.		
		5	0	5	4	0	5	5	10/1991	HANLE et al.		
		5	1	0	9	4	0	8	04/1992	GREENSPAN et al.		
		5	2	0	0	9	9	5	04/1993	GAUKEL et al.		
		5	2	4	1	5	8	8	08/1993	BABSON, III et al.		
		5	2	2	2	1	2	5	06/1993	CRESWELL et al.		
		5	2	4	7	5	7	1	09/1993	KAY et al.		
		5	2	9	4	2	2	9	03/1994	HARTZELL et al.		
		5	3	3	3	1	8	5	07/1994	BURKE et al.		
		5	3	3	7	3	5	1	08/1994	MANABE et al.		
		5	3	4	5	3	8	0	09/1994	BABSON, III et al.		
		5	3	5	3	3	3	1	10/1994	EMERY et al.		
		5	3	9	6	5	4	6	03/1995	REMILLARD		
		5	3	9	8	2	2	0	03/1995	BARKER		
		5	4	0	4	3	9	6	04/1995	BRENNAN		
		5	4	3	6	9	5	7	07/1995	MCCONNELL		
		5	4	3	8	5	6	8	08/1995	WEISSER, Jr.		
		5	4	4	4	7	6	8	08/1995	LEMAIRE et al.		
		5	4	4	8	6	3	1	09/1995	CAIN		
		5	4	6	3	6	8	2	10/1995	FISHER et al.		

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation 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.

Form PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
P30004

Serial No. 11/459,121

INFORMATION DISCLOSURE STATEMENT

BY APPLICANT

(Use several sheets if necessary)

Applicant Paul G. BANIAK et al.

Filing Date July 21, 2006

Group 2614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5	4	6	7	3	8	8	11/1995	REDD, Jr. et al.		
		5	4	6	9	5	0	0	11/1995	SATTER et al.		
		5	4	7	9	4	8	7	12/1995	HAMMOND		
		5	5	4	8	5	6	6	08/1996	BARKER		
		5	5	4	4	3	2	0	08/1996	KONRAD		
		5	5	5	0	9	0	9	08/1996	CHANDA et al.		
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		5	5	8	3	5	6	4	12/1996	RAO et al.		
		5	5	9	2	5	4	1	01/1997	FLEISCHER, III et al.		
		5	6	1	5	2	5	2	03/1997	SIZER, II et al.		
		5	6	2	5	6	7	6	04/1997	GRECO et al.		
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		5	6	4	2	4	1	0	06/1997	WALSH et al.		
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		5	6	8	0	4	4	6	10/1997	FLEISCHER, III et al.		
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		5	6	9	6	8	1	5	12/1997	SMYK		
		5	7	4	0	4	3	8	04/1998	RATCLIFF et al.		
		5	7	4	2	6	6	8	04/1998	PEPE et al.		
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		5	7	5	4	6	3	6	05/1998	BAYLESS et al.		
		5	7	5	8	3	5	1	05/1998	GIBSON et al.		
		5	7	6	4	7	4	8	06/1998	ROSENTHAL et al.		
		5	7	8	7	2	3	7	07/1998	REILLY		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant Paul G. BANIAK et al.	
		Filing Date July 21, 2006	Group 2614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5	7	9	0	1	7	3	08/1998	STRAUSS et al.		
		5	7	9	6	8	0	6	08/1998	BIRCKBICHLER		
		5	7	9	6	9	5	0	08/1998	SIPS et al.		
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		5	8	8	1	1	4	4	03/1999	HAVENS		
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		5	9	1	5	0	0	8	06/1999	DULMAN		
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		5	9	2	0	6	1	8	07/1999	FLEISCHER, III et al.		
		5	9	3	3	4	9	0	08/1999	WHITE et al.		
		5	9	3	3	7	7	8	08/1999	BUHRMANN et al.		
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		5	9	4	0	4	8	8	08/1999	DEGRAZIA et al.		
		5	9	4	6	3	8	1	08/1999	DANNE et al.		
		5	9	5	8	0	1	6	09/1999	CHANG et al.		
		5	9	8	2	7	7	4	11/1999	FOLADARE et al.		
		5	9	8	2	8	7	0	11/1999	PERSHAN et al.		
		5	9	9	9	6	1	1	12/1999	TATCHELL et al.		
		6	0	2	8	9	1	7	02/2000	CREAMER et al.		
		6	0	3	2	1	8	4	02/2000	COGGER et al.		

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Serial No. 11/459,121

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Applicant Paul G. BANIAK et al.

Filing Date July 21, 2006

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	6 0 3 8 2 9 6	03/2000	BRUNSON et al.			
	6 0 5 8 1 7 5	05/2000	SCHULTZ			
	6 0 5 8 1 7 8	05/2000	MCKENDRY et al.			
	6 0 9 7 8 0 2	08/2000	FLEISCHER, III et al.			
	6 1 0 4 7 9 9	08/2000	JAIN et al.			
	6 1 1 5 0 4 0	09/2000	BLADOW et al.			
	6 1 1 8 7 8 0	09/2000	DUNN et al.			
	6 1 2 5 1 2 6	09/2000	HALLENSTAL			
	6 1 3 4 3 1 0	10/2000	SWAN et al.			
	6 1 6 0 8 7 7	12/2000	TATCHELL et al.			
	6 1 6 1 1 2 8	12/2000	SMYK			
	6 1 6 7 1 2 2	12/2000	TITMUSS et al.			
	6 1 7 3 4 3 7	01/2001	POLCYN			
	6 1 9 2 1 1 8	02/2001	BAYLESS et al.			
	6 1 9 5 6 7 8	02/2001	KOMURO			
	6 1 9 5 6 9 7	02/2001	BOWMAN-AMUAH			
	6 2 1 2 5 6 1	04/2001	SITARAMAN et al.			
	6 2 3 3 3 3 0	05/2001	MCCLURE et al.			
	6 2 4 0 4 4 1	05/2001	BECKETT et al.			
	6 2 4 6 7 5 1	06/2001	BERGL et al.			
	6 2 4 6 7 5 6	06/2001	BORLAND et al.			
	6 2 5 9 4 4 9	07/2001	SAXENA et al.			
	6 2 6 3 0 6 4	07/2001	O'NEAL			
	6 3 1 7 4 8 4	11/2001	MCALLISTER			
	6 3 2 0 9 4 8	11/2001	HEILMANN et al.			
	6 3 3 0 5 9 8	12/2001	BECKWITH et al.			
	6 3 3 7 8 9 9	01/2002	ALCENDOR et al.			

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		6	4	4	5	6	9	4	09/2002	SWARTZ		
		6	4	6	3	1	4	5	10/2002	O'NEAL		
		6	5	2	9	5	9	6	03/2003	ASPREY et al.		
		6	5	7	4	6	6	1	06/2003	DELANO et al.		
		6	6	3	1	1	8	6	10/2003	ADAMS et al.		
		5	9	1	5	0	0	8	06/1999	DULMAN		
		6	6	3	1	4	1	6	10/2003	BENDINELLI et al.		
		6	6	4	0	2	3	9	10/2003	GIDWANI		
		6	6	6	2	2	2	1	12/2003	GONDA et al.		
		6	6	7	8	8	2	7	01/2004	ROTHERMEL et al.		
	2001 /	0	0	4	8	7	3	8	12/2001	BANIAK et al.		
	2001/	0	0	4	9	7	3	7	12/2001	CAROLAN et al.		

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
		0	7	4	0	4	8	0	10/1996	E.P.O.			
		92	/	0	9	1	6	4	05/1992	W.I.P.O.			
		99	/	1	6	2	3	0	04/1999	W.I.P.O.			
		99	/	2	0	0	5	8	04/1999	W.I.P.O.			
		00	/	6	5	8	5	7	11/2000	W.I.P.O.			
		01	/	3	5	2	4	0	05/2001	W.I.P.O.			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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		Filing Date July 21, 2006	Group 2614

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	1	"MegaHub PACE SMS- Service Management System- Advanced Intelligent Network Systems,"
		Communications Corporation, Issue 0.4, July 17, 1994.
	2	Berman, Roger K., and Brewster, John H., "Perspectives on the AIN Architecture," IEEE
		Communications Magazine, February 1992, pp. 27-32.
	3	Advanced Intelligent Network (AIN) 0.1 Switching Systems Generic Requirements (Bellcore
		TR-NWT-001284), Issue 1, August 1992.
	4	Advanced Intelligent Network (AIN) 0.1 Switch-Service Control Point (SCP) Application Protocol
		Interface Generic Requirements (Bellcore TR-NWT-001285), Issue 1, August 1992.
	5	BT Technology Journal, vol. 13, No. 2. Apr. 1995, Ipswich GB. pp. 132-142, Marshall et al., "The
		information services supermarket".
	6	Internet web pages by Dazil Internet Services, "Caller EyeDee," downloaded December 2001.
	7	Internet Web Pages by Z-Tel, "Personal Communications Center", dated April 13, 2000 and May 15,
		2000.
	8	Internet Web Pages by TOSC International, "Cool Call", dated May 4, 2000.
	9	Internet Web Pages by Phone.Com, "My Phone Services", dated May 4, 2000.
1	0	Lennox et al., "Call processing Language Framework and Requirements", RFC 2824, published May
		2000.
1	1	Lennox et al., "CPL: A Language for User Control of Internet Telephony Services", Internet
		Engineering Task Force, IPTEL WG, published October 25, 2000.
1	2	J. Rosenberg, "Introduction to CPL", Dynamicsoft, Winter 2001 Von Developers Conference, published
1		February 25, 2001.
1	3	"Next Generation Phone System", Internet web pages by CommWeb.com, August 2, 2001.
1	4	"Teleglobe International Toll Free Services," www.teleglobe.com (December 2002).
1	5	"Sprint Wholesale Toll-Free Services,"
		http://www.sprintbiz.com/wholesale/products/toll_free_services.pdf (January 2001).
1	6	An article by KRAMER, T., "Standalone Call Accounting: The Hardware, the Software, and the Enterprise",
		Communications Convergence, March 5, 2001, downloaded from
		http://www.cconvergence.com/shared/article/showArticle.jhtml?articleid=8711796&pgno=1 on June 12, 2004

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APPLICATION NUMBER	FILING OR 371(c) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
11/459,121	07/21/2006	Paul G. BANIAK	P30004

CONFIRMATION NO. 9844

7055
GREENBLUM & BERNSTEIN, P.L.C.
1950 ROLAND CLARKE PLACE
RESTON, VA20191

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.

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APPLICATION NUMBER	FILING OR 371(c) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
11/459,121	07/21/2006	Paul G. BANIAK	P30004

CONFIRMATION NO. 9844

7055

GREENBLUM & BERNSTEIN, P.L.C.

1950 ROLAND CLARKE PLACE

RESTON, VA20191

Title: PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE FOR ACCESSING AND MAINTAINING PROFILE DATA OF USER SUBSCRIBED TELEPHONY SERVICES

Publication No. US-2007-0047714-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 publicly 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.

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Serial No. 11/459,121

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Applicant Paul G. BANIAK et al.

Filing Date July 21, 2006

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U.S. PATENT DOCUMENTS

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		4	2	9	6	4	6	3	10/1981	DALBOUSSIERE et al.		
		4	4	2	9	1	8	8	01/1984	ALLEN		
		4	6	1	1	0	9	4	09/1986	ASMUTH et al.		
		4	6	1	1	0	9	6	09/1986	ASMUTH et al.		
		4	7	8	8	7	1	8	11/1988	MCNABB		
		4	8	6	0	3	4	7	08/1989	COSTELLO		
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		4	8	7	8	2	4	0	10/1989	LIN et al.		
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		5	3	3	7	3	5	1	08/1994	MANABE et al.		
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		5	4	3	6	9	5	7	07/1995	MCCONNELL		
		5	4	3	8	5	6	8	08/1995	WEISSER, Jr.		
		5	4	4	4	7	6	8	08/1995	LEMAIRE et al.		
		5	4	4	8	6	3	1	09/1995	CAIN		
		5	4	6	3	6	8	2	10/1995	FISHER et al.		

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DATE CONSIDERED 05/22/2010

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		5	4	6	7	3	8	8	11/1995	REDD, Jr. et al.		
		5	4	6	9	5	0	0	11/1995	SATTER et al.		
		5	4	7	9	4	8	7	12/1995	HAMMOND		
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		5	6	9	6	8	1	5	12/1997	SMYK		
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		5	7	6	4	7	4	8	06/1998	ROSENTHAL et al.		
		5	7	8	7	2	3	7	07/1998	REILLY		

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		5	7	9	0	1	7	3	08/1998	STRAUSS et al.		
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		5	8	0	2	1	5	7	09/1998	CLARKE et al.		
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		5	8	6	4	6	1	3	01/1999	FLOOD		
		5	8	6	7	5	6	2	02/1999	SCHERER		
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		5	9	3	3	4	9	0	08/1999	WHITE et al.		
		5	9	3	3	7	7	8	08/1999	BUHRMANN et al.		
		5	9	3	7	0	5	0	08/1999	YUE et al.		
		5	9	4	0	4	8	8	08/1999	DEGRAZIA et al.		
		5	9	4	6	3	8	1	08/1999	DANNE et al.		
		5	9	5	8	0	1	6	09/1999	CHANG et al.		
		5	9	8	2	7	7	4	11/1999	FOLADARE et al.		
		5	9	8	2	8	7	0	11/1999	PERSHAN et al.		
		5	9	9	9	6	1	1	12/1999	TACHELL et al.		
		6	0	2	8	9	1	7	02/2000	CREAMER et al.		
		6	0	3	2	1	8	4	02/2000	COGGER et al.		

EXAMINER	/William Deane Jr/	DATE CONSIDERED	05/22/2010
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*EXAMINER: Initial if citation 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.

Cox

P30004.P07

Sheet 4 of 7

Form PTO-1449

U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No. P30004

Serial No. 11/459,121

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT
(Use several sheets if necessary)

Applicant Paul G. BANIAK et al.

Filing Date July 21, 2006

Group 2614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6 0 3 8 2 9 6	03/2000	BRUNSON et al.			
	6 0 5 8 1 7 5	05/2000	SCHULTZ			
	6 0 5 8 1 7 8	05/2000	MCKENDRY et al.			
	6 0 9 7 8 0 2	08/2000	FLEISCHER, III et al.			
	6 1 0 4 7 9 9	08/2000	JAIN et al.			
	6 1 1 5 0 4 0	09/2000	BLADOW et al.			
	6 1 1 8 7 8 0	09/2000	DUNN et al.			
	6 1 2 5 1 2 6	09/2000	HALLENSTAL			
	6 1 3 4 3 1 0	10/2000	SWAN et al.			
	6 1 6 0 8 7 7	12/2000	TATCHELL et al.			
	6 1 6 1 1 2 8	12/2000	SMYK			
	6 1 6 7 1 2 2	12/2000	TITMUSS et al.			
	6 1 7 3 4 3 7	01/2001	POLCYN			
	6 1 9 2 1 1 8	02/2001	BAYLESS et al.			
	6 1 9 5 6 7 8	02/2001	KOMURO			
	6 1 9 5 6 9 7	02/2001	BOWMAN-AMUAH			
	6 2 1 2 5 6 1	04/2001	SITARAMAN et al.			
	6 2 3 3 3 3 0	05/2001	MCCLURE et al.			
	6 2 4 0 4 4 1	05/2001	BECKETT et al.			
	6 2 4 6 7 5 1	06/2001	BERGL et al.			
	6 2 4 6 7 5 6	06/2001	BORLAND et al.			
	6 2 5 9 4 4 9	07/2001	SAXENA et al.			
	6 2 6 3 0 6 4	07/2001	O'NEAL			
	6 3 1 7 4 8 4	11/2001	MCALLISTER			
	6 3 2 0 9 4 8	11/2001	HEILMANN et al.			
	6 3 3 0 5 9 8	12/2001	BECKWITH et al.			
	6 3 3 7 8 9 9	01/2002	ALCENDOR et al.			

EXAMINER

/William Deane Jr/

DATE CONSIDERED

05/22/2010

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Form PTO-1449

U.S. Department of Commerce
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INFORMATION DISCLOSURE STATEMENT
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(Use several sheets if necessary)

Applicant Paul G. BANIAK et al.

Filing Date July 21, 2006

Group 2614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6	4	4	5	6	9	4	09/2002	SWARTZ		
		6	4	6	3	1	4	5	10/2002	O'NEAL		
		6	5	2	9	5	9	6	03/2003	ASPREY et al.		
		6	5	7	4	6	6	1	06/2003	DELANO et al.		
		6	6	3	1	1	8	6	10/2003	ADAMS et al.		
		5	9	1	5	0	0	8	06/1999	DULMAN		
		6	6	3	1	4	1	6	10/2003	BENDINELLI et al.		
		6	6	4	0	2	3	9	10/2003	GIDWANI		
		6	6	6	2	2	2	1	12/2003	GONDA et al.		
		6	6	7	8	8	2	7	01/2004	ROTHERMEL et al.		
	2001 /	0	0	4	8	7	3	8	12/2001	BANIAK et al.		
	2001/	0	0	4	9	7	3	7	12/2001	CAROLAN et al.		

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
		0	7	4	0	4	8	0	10/1996	E.P.O.			
		92	/	0	9	1	6	4	05/1992	W.I.P.O.			
		99	/	1	6	2	3	0	04/1999	W.I.P.O.			
		99	/	2	0	0	5	8	04/1999	W.I.P.O.			
		00	/	6	5	8	5	7	11/2000	W.I.P.O.			
		01	/	3	5	2	4	0	05/2001	W.I.P.O.			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

/William Deane Jr/

DATE CONSIDERED

05/22/2010

*EXAMINER: Initial if citation 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.

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. P30004	Serial No. 11/459,121
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Applicant Paul G. BANIAK et al.	
				Filing Date July 21, 2006	Group 2614
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
	1	"MegaHub PACE SMS- Service Management System- Advanced Intelligent Network Systems,"			
		Communications Corporation, Issue 0.4, July 17, 1994.			
	2	Berman, Roger K., and Brewster, John H., "Perspectives on the AIN Architecture," IEEE			
		Communications Magazine, February 1992, pp. 27-32.			
	3	Advanced Intelligent Network (AIN) 0.1 Switching Systems Generic Requirements (Bellcore			
		TR-NWT-001284), Issue 1, August 1992.			
	4	Advanced Intelligent Network (AIN) 0.1 Switch-Service Control Point (SCP) Application Protocol			
		Interface Generic Requirements (Bellcore TR-NWT-001285), Issue 1, August 1992.			
	5	BT Technology Journal, vol. 13, No. 2. Apr. 1995, Ipswich GB. pp. 132-142, Marshall et al., "The			
		information services supermarket".			
	6	Internet web pages by Dazil Internet Services, "Caller EyeDee," downloaded December 2001.			
	7	Internet Web Pages by Z-Tel, "Personal Communications Center", dated April 13, 2000 and May 15,			
		2000.			
	8	Internet Web Pages by TOSC International, "Cool Call", dated May 4, 2000.			
	9	Internet Web Pages by Phone.Com, "My Phone Services", dated May 4, 2000.			
1	0	Lennox et al., "Call processing Language Framework and Requirements", RFC 2824, published May			
		2000.			
1	1	Lennox et al., "CPL: A Language for User Control of Internet Telephony Services", Internet			
		Engineering Task Force, IPTTEL WG, published October 25, 2000.			
1	2	J. Rosenberg, "Introduction to CPL", Dynamicsoft, Winter 2001 Von Developers Conference, published			
1		February 25, 2001.			
1	3	"Next Generation Phone System", Internet web pages by CommWeb.com, August 2, 2001.			
1	4	"Teleglobe International Toll Free Services," www.teleglobe.com (December 2002).			
1	5	"Sprint Wholesale Toll-Free Services,"			
		http://www.sprintbiz.com/wholesale/products/toll_free_services.pdf (January 2001).			
1	6	An article by KRAMER, T., "Standalone Call Accounting: The Hardware, the Software, and the Enterprise",			
		Communications Convergence, March 5, 2001, downloaded from			
		http://www.cconvergence.com/shared/article/showArticle.jhtml?articled=8711796&pgno=1 on June 12, 2004			
EXAMINER		/William Deane Jr/		DATE CONSIDERED 05/22/2010	
*EXAMINER: Initial if citation 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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BIB DATA SHEET

CONFIRMATION NO. 9844

SERIAL NUMBER 11/459,121	FILING or 371(c) DATE 07/21/2006 RULE	CLASS 379	GROUP ART UNIT 2614	ATTORNEY DOCKET NO. P30004
APPLICANTS Paul G. BANIAK, St. Louis, MO; Kristin CHAMBERS, Austin, TX; Katherine L. KREIN, St. Louis, MO; Christopher H. ROLWES, St. Louis, MO; Terry L. VIETH, St. Louis, MO; Tracy L. BROKAW, St. Louis, MO; Mary B. CLARK, St. Louis, MO;				
** CONTINUING DATA ***** This application is a CON of 10/761,382 01/22/2004 PAT 7,103,165 and is a CON of 09/050,986 03/31/1998 ABN				
** FOREIGN APPLICATIONS *****				
** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 09/18/2006				
Foreign Priority claimed <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 35 USC 119(a-d) conditions met <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Verified and /WILLIAM J DEANE JR/ Acknowledged Examiner's Signature	<input type="checkbox"/> Met after Allowance Initials	STATE OR COUNTRY MO	SHEETS DRAWINGS 8	TOTAL CLAIMS 22
INDEPENDENT CLAIMS 2				
ADDRESS AT & T LEGAL DEPARTMENT - GB ATTN: PATENT DOCKETING ROOM 2A- 207 ONE AT & T WAY BEDMINSTER, NJ 07921 UNITED STATES				
TITLE PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE FOR ACCESSING AND MAINTAINING PROFILE DATA OF USER SUBSCRIBED TELEPHONY SERVICES				
FILING FEE RECEIVED 1100	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/459,121	07/21/2006	Paul G. BANIAK	P30004	9844
83619 7590 05/26/2010 AT & T LEGAL DEPARTMENT - GB ATTN: PATENT DOCKETING ROOM 2A- 207 ONE AT & T WAY BEDMINSTER, NJ 07921			EXAMINER DEANE JR, WILLIAM J	
			ART UNIT 2614	PAPER NUMBER
			MAIL DATE 05/26/2010	DELIVERY MODE 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.

11/459,121

Applicant(s)

BANIAK ET AL.

Examiner

William J. Deane

Art Unit

2614

-- 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 07212006.
- 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) 1-22 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) 1-22 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:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ 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) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date: _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date: _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Double Patenting

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the “right to exclude” granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent either is shown to be commonly owned with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement.

Claims 1 – 22 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1 - 16 of U.S. Patent No. 7,103,165. Although the conflicting claims are not identical, they are not patentably distinct from each other because the main difference between the claims are that the 7,103,165 are system claims while the instant claims are directed to method claims.

Claim Rejections - 35 USC § 102

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 (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1 – 9, 11 and 13 - 22 are rejected under 35 U.S.C. 102(e) as being anticipated by US 5,915,008 (Dulman).

As to claims 1, 2, 9, and 10, Dulman teaches a provisioning system enabling subscribers to activate and modify advanced intelligent network (AIN) services as controlled and executed by subscriber profiles stored in a telecommunications network and/or telecommunications network elements such as service switching points (SSP), service control points (SCP), call processing record (CPR), etc. (Col. 1, line 65 - Col. 4, line 44, Col. 5, lines 39 - 46) comprising:

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customer premises equipment (CPE) read as the claimed client which hosts a graphical user interface (GUI) such as Microsoft WINDOWS TM read as the claimed user interface allowing the subscriber to view and update the profile data (Figs. 5A - 5C, Col. 4, line 64 - Col. 5, line 14, Col. 10, lines 11 - 43, Col. 18, lines 11 - 47); any of either ISCP 50 or SCP 62 (Fig. 2, 4A - 4C, Col. 2, lines 14 - 32, Col. 7, line 4 - Col. 10, line 10) reading on the claimed server which processes subscriber requests by obtaining the profile data from and updating profile data from the client to the AIN via a service creation and management application such as a Service Management System (SMS) 30 and / or the SPACE Provisioning system 54, read as the at least one intermediate system. Note as well that any or all of the CPE server 16a, Firewall server 40, and Access server 48 read on the claimed intermediate system because any communications from the CPE must pass through these servers. (Fig. 2, Col. 4, lines 45 - 64, Col. 7, line 55 - Col. 12, line 11).

As to claims 6 - 8, see Col. 3, lines 43 - 64, Col. 20, lines 29 - 49, and Col. 21, lines 17- 23.

As to claims 9, see Col. 10, line 25 - Col. 11, line 48 of US 5,467,388 (Redd, Jr. et al.), which is incorporated by reference in Dulman. (Col. 3, lines 43 -64 of Dulman)

As to claim 6, see Col. 11, lines 44 - 64, Col. 16, lines 32 - 47, and Col. 19, lines 36 - 56.

As to claims 20 and 21, see the rejection of claim 1 above.

As to claims 22, see Fig. 2 and Col. 10, lines 11 - 65.

With respect to claims 13 – 19, note the rejections above.

Claim Rejections - 35 USC § 103

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 negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

3. Claim 10 is rejected under 35 U.S.C. 103(a) as being unpatentable over US 5,915,008 (Dulman).

Dulman has been discussed above. What Dulman does not specifically teach is generating reports comprising calling parties attempting to connect to a user and indicating successful and unsuccessful connections. However, Dulman teaches

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collecting various types of data, as for example, billing (Billing/Data Collector 58) or other data for reporting via a Data and Reporting System (DRS). (Col. 7, lines 4 - 13 and Col. 13, lines 5 - 12)

Collecting information as to whether or not a call was connected to a user or not would clearly be necessary for billing inasmuch as if a caller is not connected to a user, the user should not be billed for the call. Also, for statistical purposes known in the art, this and almost any type of information may be monitored and reported upon. The only determining factor(s) is the information desired. Therefore, it would have been obvious for one of ordinary skill in the art at the time the invention was made to have included generating reports as claimed by the present invention.

4. Claim 12 is rejected under 35 U.S.C. 103(a) as being unpatentable over US 5,915,008 (Dulman) alone or in view of US 5,396,546 (Remillard)

Dulman has been discussed above. What Dulman does not explicitly teach is allowing a user to specify when to forward updates to the telecommunications network.

However, see Col. 14 lines 57 - 60 wherein Dulman teaches that the SPACE provisioning interface allows for delayed transactions. This means that it is inherent or at the least obvious that a subscriber will be able to specify a time for completing or

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forwarding a profile service update(s). Some later time must be specified and who specifies that time is merely a matter of choice.

Remillard teaches an automatic and user configurable information appliance wherein the updating of an electronic device or the downloading of mail, for example, can be predetermined with times set by a user or done automatically. (Col. 6, line 38 - 1 of Remillard)

It would have been obvious for one of ordinary skill in the art at the time the invention was made to have allowed for user-set updating inasmuch as Dulman already contemplates delayed transactions. Therefore, Remillard merely teaches a subscriber could be given the authority to specify that later time. Motivations for user-setup dating are old and well known and encompass merely giving a user more freedom in how his/her service(s) are implemented to saving resources in that automatically updating a user's profile each and every time a parameter or service is updated is wasteful as compared to for example, waiting until a user has completed all his/her updates for that session to update his/her profile.

Conclusion


The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Note the Abstracts and Figs. of the additional references noted on the 892 contained herewith.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bill Deane whose telephone number is (571) 272-7484. In addition, facsimile transmissions should be directed to Bill Deane at facsimile number (571) 273-8300.

21May2010

/William J Deane/


Primary Examiner, Art Unit 2614

<i>Index of Claims</i> 	Application/Control No. 11459121	Applicant(s)/Patent Under Reexamination BANIAK ET AL.
	Examiner William J Deane	Art Unit 2614

✓	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	05/22/2010							
	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. 11459121	Applicant(s)/Patent Under Reexamination BANIAK ET AL.
	Examiner William J Deane	Art Unit 2614

SEARCHED			
Class	Subclass	Date	Examiner
379	201.01	22May2010	WJD
	201.02		
	201.12		
	207.13		

SEARCH NOTES		
Search Notes	Date	Examiner

INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner

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REMARKS

In the outstanding Office Action, claims 1-22 were rejected on the ground of nonstatutory obviousness-type double patenting over claims of U.S. Patent No. 7,103,165. Claims 1-9, 11 and 13-22 were rejected under 35 U.S.C. §102(e) over DULMAN (U.S. Patent No. 5,915,008). Claim 10 was rejected under 35 U.S.C. §103(a) over DULMAN. Claim 12 was rejected under 35 U.S.C. §103(a) over DULMAN in view of REMILLARD (U.S. Patent No. 5,396,546).

Applicants traverse the double patenting rejection. In view of the attached terminal disclaimer, Applicants respectfully request withdrawal of the outstanding rejections over U.S. Patent No. 7,103,165. Applicants are filing the attached terminal disclaimer merely to remove any issue as to whether the claims of the above-identified application and those of U.S. Patent No. 7,103,165 in any way conflict. However, neither Applicants nor the assignee intend to make any representation as to whether the invention to which any claims of the present application are directed would have been obvious in view of any issued patent, or whether an obviousness-type double patenting rejection would be appropriate if the enclosed terminal disclaimer were not filed. The terminal disclaimer is being filed only to expedite the allowance of the pending claims. Accordingly, Applicants respectfully request reconsideration and withdrawal of the rejection on the ground of nonstatutory obviousness-type double patenting over U.S. Patent No. 7,103,165.

Applicants traverse the rejections under 35 U.S.C. §102 and 35 U.S.C. §103. In this regard, the invention to which claims 1-22 are directed is the same invention to which claims allowed in parent U.S. Patent No. 7,103,165 and presented in grandparent U.S. Patent Application No. 09/050,986 were directed. The above-noted double-patenting rejection includes a notation that the claims of the present application are directed to methods whereas claims of U.S. Patent No. 7,103,165 are directed to a system. Thus, whereas the scope of claims differs in

{P30004 01000786.DOC}

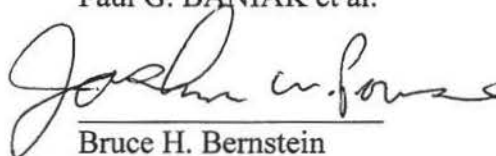
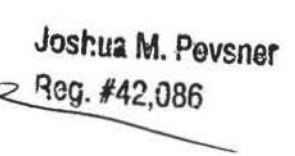
P30004.A03

the different applications, the underlying invention which was the subject of the claims in the parent and grandparent is the same invention to which the claims of the present application are directed.

In the parent and grandparent applications, Applicants submitted Declarations and exhibits that established conception by the Applicants, prior to October 4, 1995, of the claimed invention as asserted to be disclosed by DULMAN. Additionally, the Declarations and exhibits established reduction to practice, with diligence from prior to October 4, 1995 until reduction to practice, of the claimed invention as asserted to be disclosed by DULMAN. Insofar as the invention to which claims 1-22 are directed is the same invention to which claims allowed in parent U.S. Patent No. 7,103,165 and presented in grandparent U.S. Patent Application No. 09/050,986 were directed, the noted Declarations are objective evidence of Applicants' earlier invention of the claimed invention. Applicants therefore respectfully request an indication of the Allowability of each of the claims now pending over DULMAN or any combination of documents that includes DULMAN.

If the Examiner has any questions, the Examiner is requested to contact the undersigned at the below-listed telephone number.

Respectfully Submitted,
Paul G. BANIAK et al.

 
Bruce H. Bernstein
Reg. No. 29,027
Joshua M. Pevsner
Reg. #42,086

August 26, 2010
GREENBLUM & BERNSTEIN, P.L.C.
1950 Roland Clarke Place
Reston, VA 20191
(703) 716-1191

{P30004 01000786.DOC}

P30004.A03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	: Paul G. BANIAK et al.	Group Art Unit: 2614
App. No.	: 11/459,121	Examiner: W.J.. Deane Jr.
Filed	: July 21, 2006	Confirmation No. : 9844
For	: PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE FOR ACCESSING AND MAINTAINING PROFILE DATA OF USER SUBSCRIBED TELEPHONY SERVICES	

RESPONSE UNDER 37 C.F.R. 1.111

Commissioner for Patents
U.S. Patent and Trademark Office
Customer Service Window, Mail Stop AMENDMENT
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir :

In response to the Official Action of May 26, 2010, in which a three month shortened statutory period was set to expire on August 26, 2010, applicants respectfully request reconsideration and withdrawal of the outstanding rejections, together with allowance of all the claims pending in the present application.

Remarks begin on page 2 of this paper.
A Terminal Disclaimer is submitted herewith.

{P30004 01000786.DOC}

- 1 -

Cox
Ex. 1002
Page 95

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	: Paul G. BANIAK et al.	Group Art Unit: 2614
App. No.	: 11/459,121	Examiner: W.J.. Deane Jr.
Filed	: July 21, 2006	Confirmation No. : 9844
For	: PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE FOR ACCESSING AND MAINTAINING PROFILE DATA OF USER SUBSCRIBED TELEPHONY SERVICES	

TERMINAL DISCLAIMER

Commissioner for Patents
U.S. Patent and Trademark Office
Customer Service Window, Mail Stop AMENDMENT
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir :

Your petitioner, AT&T Labs, Inc., (formerly known as SBC Technology Resources, Inc.), a corporation of Austin, Texas, whose business address is 9505 Arboretum Boulevard, represents that it is the owner of record of the entire right, title and interest of the above-identified application as evidenced by an assignment recorded in the U.S. Patent and Trademark Office on September 4, 1998 at Reel 009439, Frame 0513 for U.S. Patent Application No. 09/050,986 (now abandoned), and of U.S. Patent No. 7,103,165 as evidenced by the assignment recorded in the U.S. Patent and Trademark Office at Reel 009439, Frame 0513.

SBC Technology Resources, Inc. has now changed its name to AT&T Labs, Inc.

The undersigned is an attorney or agent of record authorized to act on behalf of the assignee in the filing of this terminal disclaimer.

Your petitioner, AT&T Intellectual Property I, L.P., hereby disclaims, except as provided below, the terminal part of any patent granted on the above-identified application which would extend beyond the expiration date of U.S. Patent No. 7,103,165, and hereby agrees that any patent so granted on the above-identified application shall be enforceable only for and during

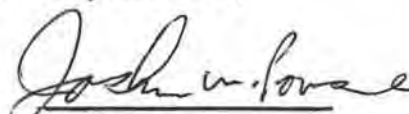
P30004.A03

such period that the above-identified application and U.S. Patent No. 7,103,165 are commonly owned, this agreement to run with any patent granted on the above-identified application and to be binding upon the grantee, its successors or assigns.

Petitioner does not disclaim any terminal part of any patent granted on the above identified application prior to the expiration date of the full statutory term as defined in 35 U.S.C. 154 and 173 as presently shortened by any terminal disclaimer of U.S. Patent No. 7,103,165, in the event that it later: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid, is statutorily disclaimed in whole or terminally disclaimed under 37 C.F.R. 1.321(a), has all claims canceled by a reexamination certificate, is reissued, or is otherwise terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer, except for the failure of common ownership stated above.

I hereby declare 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 are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both under Section 1001, 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.

Respectfully submitted,

By  Joshua M. Povsner
Reg. No. 42,086
Attorney of Record (Customer No. 83619)

Joshua M. Povsner
Reg. #42,086

August 26, 2010
GREENBLUM & BERNSTEIN, P.L.C.
1950 Roland Clarke Place
Reston, VA 20191
(703) 716-1191

Electronic Patent Application Fee Transmittal

Application Number:	11459121			
Filing Date:	21-Jul-2006			
Title of Invention:	PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE FOR ACCESSING AND MAINTAINING PROFILE DATA OF USER SUBSCRIBED TELEPHONY SERVICES			
First Named Inventor/Applicant Name:	Paul G. BANIAK			
Filer:	Joshua Mitchell Povsner/Angie Reisfield			
Attorney Docket Number:	P30004			
Filed as Large 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:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Statutory disclaimer	1814	1	140	140
Total in USD (\$)				140

Electronic Acknowledgement Receipt

EFS ID:	8297836
Application Number:	11459121
International Application Number:	
Confirmation Number:	9844
Title of Invention:	PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE FOR ACCESSING AND MAINTAINING PROFILE DATA OF USER SUBSCRIBED TELEPHONY SERVICES
First Named Inventor/Applicant Name:	Paul G. BANIAK
Customer Number:	83619
Filer:	Joshua Mitchell Povsner/Angie Reisfield
Filer Authorized By:	Joshua Mitchell Povsner
Attorney Docket Number:	P30004
Receipt Date:	26-AUG-2010
Filing Date:	21-JUL-2006
Time Stamp:	14:51:42
Application Type:	Utility under 35 USC 111(a)


Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$ 140
RAM confirmation Number	1205
Deposit Account	
Authorized User	

File Listing:


Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi CoxPages Ex. 1002 (if appl.)
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1		P30004_Amendment111_TerminalDisclaimer.pdf	235795 bcd7fb45c1aee60147209d7caf64177de06a6e8f	yes	5				
	Multipart Description/PDF files in .zip description								
	Document Description		Start	End					
	Amendment/Req. Reconsideration-After Non-Final Reject		1	3					
	Terminal Disclaimer Filed		4	5					
Warnings:									
Information:									
2	Fee Worksheet (PTO-875)	fee-info.pdf	30490 ec3b9d45aa76cbc7e0c9773857979ffid4e5564f5	no	2				
Warnings:									
Information:									
Total Files Size (in bytes):			266285						
<p>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.</p> <p><u>New Applications Under 35 U.S.C. 111</u> 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.</p> <p><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.</p> <p><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.</p>									

Application Number 	Application/Control No. 11/459,121	Applicant(s)/Patent under Reexamination BANIAK ET AL.	
Document Code - DISQ		Internal Document – DO NOT MAIL	


TERMINAL DISCLAIMER	<input checked="" type="checkbox"/> APPROVED	<input type="checkbox"/> DISAPPROVED
Date Filed : 08-26-10	This patent is subject to a Terminal Disclaimer	

Approved/Disapproved by:
KAREN L. WARD

<i>Index of Claims</i> 	Application/Control No. 11459121	Applicant(s)/Patent Under Reexamination BANIAK ET AL.
	Examiner William J Deane	Art Unit 2614

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

<input checked="" type="checkbox"/> Claims renumbered in the same order as presented by applicant				<input type="checkbox"/> CPA		<input type="checkbox"/> T.D.		<input type="checkbox"/> R.1.47	
CLAIM		DATE							
Final	Original	05/22/2010	11/08/2010						
	1	✓	=						
	2	✓	=						
	3	✓	=						
	4	✓	=						
	5	✓	=						
	6	✓	=						
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	17	✓	=						
	18	✓	=						
	19	✓	=						
	20	✓	=						
	21	✓	=						
	22	✓	=						

Issue Classification 	Application/Control No. 11459121	Applicant(s)/Patent Under Reexamination BANIAK ET AL.
	Examiner William J Deane	Art Unit 2614

ORIGINAL						INTERNATIONAL CLASSIFICATION												
CLASS		SUBCLASS				CLAIMED					NON-CLAIMED							
379		201.02				H	0	4	M	3 / 42 (2006.01.01)								
CROSS REFERENCE(S)																		
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)																	
379	207.13																	

<input checked="" type="checkbox"/> Claims renumbered in the same order as presented by applicant <input type="checkbox"/> CPA <input type="checkbox"/> T.D. <input type="checkbox"/> R.1.47															
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
	1		17												
	2		18												
	3		19												
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	16														

NONE		Total Claims Allowed:	
		22	
(Assistant Examiner)	(Date)	O.G. Print Claim(s)	O.G. Print Figure
/William J Deane/ Primary Examiner.Art Unit 2614	08Nov2010	1	3
(Primary Examiner)	(Date)		



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

83619 7590 11/15/2010

AT & T LEGAL DEPARTMENT - GB
ATTN: PATENT DOCKETING
ROOM 2A- 207
ONE AT & T WAY
BEDMINSTER, NJ 07921

EXAMINER

DEANE JR, WILLIAM J

ART UNIT

PAPER NUMBER

2614

DATE MAILED: 11/15/2010

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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11/459,121

07/21/2006

Paul G. BANIAK

P30004

9844

TITLE OF INVENTION: PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE FOR ACCESSING AND MAINTAINING PROFILE
DATA OF USER SUBSCRIBED TELEPHONY SERVICES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	02/15/2011

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 SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

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)

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.

83619 7590 11/15/2010

AT & T LEGAL DEPARTMENT - GB
ATTN: PATENT DOCKETING
ROOM 2A- 207
ONE AT & T WAY
BEDMINSTER, NJ 07921

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.
-----------------	-------------	----------------------	---------------------	------------------

11/459,121 07/21/2006 Paul G. BANIAK P30004 9844

TITLE OF INVENTION: PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE FOR ACCESSING AND MAINTAINING PROFILE DATA OF USER SUBSCRIBED TELEPHONY SERVICES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
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nonprovisional NO \$1510 \$300 \$0 \$1810 02/15/2011

EXAMINER	ART UNIT	CLASS-SUBCLASS
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DEANE JR, WILLIAM J 2614 379-201020

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 _____ (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 _____

Date _____

Typed or printed name _____

Registration No. _____

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.

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.



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.
11/459,121	07/21/2006	Paul G. BANIAK	P30004	9844
83619	7590	11/15/2010	EXAMINER	
AT & T LEGAL DEPARTMENT - GB ATTN: PATENT DOCKETING ROOM 2A- 207 ONE AT & T WAY BEDMINSTER, NJ 07921			DEANE JR, WILLIAM J	
			ART UNIT	PAPER NUMBER
			2614	
			DATE MAILED: 11/15/2010	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 978 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 978 day(s).

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 Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Notice of Allowability

Application No.

11/459,121

Examiner

William J. Deane

Applicant(s)

BANIAK ET AL.

Art Unit

2614

-- 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 08/26/2010.
2. ☒ The allowed claim(s) is/are 1-22.
3. ☐ 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 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.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ 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. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

/William J Deane/
Primary Examiner, Art Unit 2614

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(profile adj management and view adj3 profile and host and update adj3 profile and fowarding).clm.	US-PGPUB; USPAT; EPO	OR	ON	2010/11/08 11:24

11/ 8/ 2010 11:26:45 AM

Search Notes 	Application/Control No. 11459121	Applicant(s)/Patent Under Reexamination BANIAK ET AL.
	Examiner William J Deane	Art Unit 2614

SEARCHED			
Class	Subclass	Date	Examiner
379	201.01	22May2010	WJD
	201.02		
	201.12		
	207.13		
	Updated the prior search	08Nov2010	WJD

SEARCH NOTES		
Search Notes	Date	Examiner
USPGPUB Interference search (see printout)	08Nov2010	WJD

INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner
379	201.02	08Nov2010	WJD
	207.13		

--	--

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Paul G. BANIAK

Attention: OIPE, Customer Service Center

Appl. No. : 11/459,121

Filed : July 21, 2006

Confirmation No. : 9844

For: PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE FOR
ACCESSING AND MAINTAINING PROFILE DATA OF USER
SUBSCRIBED TELEPHONY SERVICES

REQUEST FOR CORRECTION OF FILING RECEIPT

Commissioner for Patents
U.S. Patent and Trademark Office
Customer Service Window, **Mail Stop Missing Parts**
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir :

The Domestic Priority data as claimed by applicant of the above-identified application, as it appears on the Official Filing Receipt, is incomplete. The Domestic Priority data should include U.S. Provisional Application No 60/042,680, filed April 3, 1997, as listed on the Application Data Sheet filed together with the National Stage papers on July 21, 2006 (copy attached), and as set forth in the specification. Applicants also enclose herewith a copy of the incorrect Official Filing Receipt with the requested change noted thereon.

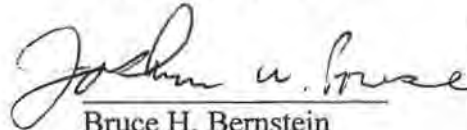
Accordingly, please add the following to the "Domestic Priority data as claimed by applicant" of the above-identified application:

which claims benefit of 60/042,680 04/03/1997

and forward a corrected copy of the Filing Receipt to the undersigned.

Please do not hesitate to contact the undersigned should there be any questions.

Respectfully Submitted,
Paul G. BANIAK et al.


Bruce H. Bernstein
Reg. No. 29,027

Joshua M. Pevsner
Reg. #42,036

December 15, 2010
GREENBLUM & BERNSTEIN, P.L.C.
1950 Roland Clarke Place
Reston, VA 20191
(703) 716-1191



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

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
11/459,121	07/21/2006	2614	1100	P30004	8	22	2

CONFIRMATION NO. 9844

07055
GREENBLUM & BERNSTEIN, P.L.C.
1950 ROLAND CLARKE PLACE
RESTON, VA 20191

FILING RECEIPT



OC000000020481311

Date Mailed: 09/19/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Paul G. BANIAK, St. Louis, MO;
Kristin CHAMBERS, Austin, TX;
Katherine L. KREIN, St. Louis, MO;
Christopher H. ROLWES, St. Louis, MO;
Terry L. VIETH, St. Louis, MO;
Tracy L. BROKAW, St. Louis, MO;
Mary B. CLARK, St. Louis, MO;

RECEIVED

SEP 21 2006

GREENBLUM & BERNSTEIN PLC

Assignment For Published Patent Application

SBC TECHNOLOGY RESOURCES, INC., Austin, TX

Power of Attorney: The patent practitioners associated with Customer Number 7055.

Domestic Priority data as claimed by applicant

This application is a CON of 10/761,382 01/22/2004 PAT 7,103,165
and is a CON of 09/050,986 03/31/1998 ABN

Foreign Applications

If Required, Foreign Filing License Granted: 09/18/2006

which claims benefit of 60/042,680 04/03/1997

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US11/459,121**

Projected Publication Date: 12/28/2006

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	P30004	COPY
		Application Number		
Title of Invention	PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE FOR ACCESSING AND MAINTAINING PROFILE DATA OF USER SUBSCRIBED TELEPHONY SERVICES			
<p>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.</p> <p>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.</p>				

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				
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Paul	G.	BANIAK	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	St. Louis	State/Province	MO	Country of Residence i US
Citizenship under 37 CFR 1.41(b) i		US		
Mailing Address of Applicant:				
Address 1		One Bell Center, Room 16-H-08		
Address 2				
City	St. Louis	State/Province	MO	
Postal Code	63101	Country i	US	
Applicant 2				
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Kristin		CHAMBERS	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Austin	State/Province	TX	Country of Residence i US
Citizenship under 37 CFR 1.41(b) i		US		
Mailing Address of Applicant:				
Address 1		1616 Guadalupe Room 712		
Address 2				
City	Austin	State/Province	TX	
Postal Code	78701	Country i	US	
Applicant 3				
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Katherine	L.	KREIN	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	St. Louis	State/Province	MO	Country of Residence i US


Application Data Sheet 37 CFR 1.76		Attorney Docket Number	P30004
		Application Number	
Title of Invention	PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE FOR ACCESSING AND MAINTAINING PROFILE DATA OF USER SUBSCRIBED TELEPHONY SERVICES		

COPY

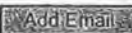

Citizenship under 37 CFR 1.41(b) i		US	
Mailing Address of Applicant:			
Address 1		One Bell Center, Room 23-P-02	
Address 2			
City	St. Louis	State/Province	MO
Postal Code	63101	Country ⁱ	US
Applicant 4			
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117 <input type="radio"/> Party of Interest under 35 U.S.C. 118	
Prefix	Given Name	Middle Name	Family Name
	Christopher	H.	ROLWES
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service			
City	St. Louis	State/Province	MO
Country of Residence i		US	
Citizenship under 37 CFR 1.41(b) i		US	
Mailing Address of Applicant:			
Address 1		One Bell Center, Room 22-N-06	
Address 2			
City	St. Louis	State/Province	MO
Postal Code	63101	Country ⁱ	US
Applicant 5			
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117 <input type="radio"/> Party of Interest under 35 U.S.C. 118	
Prefix	Given Name	Middle Name	Family Name
	Terry	L.	VIETH
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service			
City	St. Louis	State/Province	MO
Country of Residence i		US	
Citizenship under 37 CFR 1.41(b) i		US	
Mailing Address of Applicant:			
Address 1		One Bell Center, Room 18-D-01	
Address 2			
City	St. Louis	State/Province	MO
Postal Code	63101	Country ⁱ	US
Applicant 6			
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117 <input type="radio"/> Party of Interest under 35 U.S.C. 118	
Prefix	Given Name	Middle Name	Family Name
	Tracy	L.	BROKAW
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service			
City	St. Louis	State/Province	MO
Country of Residence i		US	
Citizenship under 37 CFR 1.41(b) i		US	

COPY

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	P30004
		Application Number	
Title of Invention	PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE FOR ACCESSING AND MAINTAINING PROFILE DATA OF USER SUBSCRIBED TELEPHONY SERVICES		

Mailing Address of Applicant:				
Address 1	10229 Carriage Crossing Place Drive			
Address 2				
City	St. Louis	State/Province	MO	
Postal Code	63123	Country ⁱ	US	
Applicant 7				
Applicant Authority <input checked="" type="radio"/> Inventor <input type="radio"/> Legal Representative under 35 U.S.C. 117 <input type="radio"/> Party of Interest under 35 U.S.C. 118				
Prefix	Given Name	Middle Name	Family Name	Suffix
	Mary	B.	CLARK	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	St. Louis	State/Province	MO	Country of Residence ⁱ
				US
Citizenship under 37 CFR 1.41(b) ⁱ				
US				
Mailing Address of Applicant:				
Address 1	One Bell Center, Room 18-E-05			
Address 2				
City	St. Louis	State/Province	MO	
Postal Code	63101	Country ⁱ	US	
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button. 				

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).	
<input type="checkbox"/> An Address is being provided for the correspondence information of this application.	
Customer Number	07055
Email Address	gbpatent@gbpatent.com  

Application Information:

Title of the Invention	PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE FOR ACCESSING AND MAINTAINING PROFILE DATA OF USER SUBSCRIBED TELEPHONY SERVICES		
Attorney Docket Number	P30004	Small Entity Status Claimed	<input type="checkbox"/>
Application Type			
Subject Matter			
Suggested Class (if any)		Sub Class (if any)	
Suggested Technology Center (if any)			
Total Number of Drawing Sheets (if any)	8	Suggested Figure for Publication (if any)	2

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	P30004	COPY
		Application Number		
Title of Invention	PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE FOR ACCESSING AND MAINTAINING PROFILE DATA OF USER SUBSCRIBED TELEPHONY SERVICES			

Publication Information:	
<input type="checkbox"/>	Request Early Publication (Fee required at time of Request 37 CFR 1.219)
<input type="checkbox"/>	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:	<input checked="" type="radio"/> Customer Number	<input type="radio"/> US Patent Practitioner	<input type="radio"/> US Representative (37 CFR 11.9)
Customer Number	07055		

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	10/761382	2004-01-22
Prior Application Status	Pending	Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	Continuation of	09/050986	1998-03-31
Prior Application Status		Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	non provisional of	60/042680	1997-04-03
Additional Domestic Priority Data may be generated within this form by selecting the Add button.			

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
			<input checked="" type="radio"/> Yes <input type="radio"/> No

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	P30004	COPY
		Application Number		
Title of Invention	PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE FOR ACCESSING AND MAINTAINING PROFILE DATA OF USER SUBSCRIBED TELEPHONY SERVICES			

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

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

If the Assignee is an Organization check here. ☒

Organization Name SBC Technology Resources, Inc.

Mailing Address Information:

Address 1		9505 Arboretum Boulevard	
Address 2			
City	Austin	State/Province	TX
Country i	US	Postal Code	78759
Phone Number		Fax Number	
Email Address			

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

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	/Bruce H. Bernstein/		Date (YYYY-MM-DD)	2006-07-20	
First Name	Bruce H.	Last Name	Bernstein	Registration Number	29,027

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

COPY

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.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Paul G. BANIAK et al.

Conf. No.: 9844

Appl. No.: 11/459,121

Examiner: W.J. Deane Jr.

Filed: July 21, 2006

Group Art Unit: 2614

For: PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE FOR
ACCESSING AND MAINTAINING PROFILE DATA OF USER SUBSCRIBED
TELEPHONY SERVICES

COMPLETION OF RECORD

Commissioner for Patents
U.S. Patent and Trademark Office
Customer Service Window, Mail Stop Amendment
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir:

In accordance with the duty of disclosure under 37 CFR § 1.56 and §§ 1.97 – 1.98, Applicant(s) wish to bring the following information to the attention of the Examiner.

Applicant(s) wish to make of record the documents listed on the attached form PTO-1449. Copies of the listed documents are attached, where required, as are noted English translations, or partial translations of pertinent portions, and/or English language abstracts, of any non-English language references. Statements of relevancy, if necessary, appear below.

COMMONLY ASSIGNED

- ☐ Listed on the attached form PTO-1449 are certain of Applicant's commonly assigned pending application(s), published application(s) or issued patent(s). In accordance with 37 CFR §1.98(a)(2)(ii), copies of the cited U.S. pending applications, published applications and/or issued patents, are not provided.

STATEMENT OF RELEVANCY

- ☐ Documents * * have been cited in an International Search Report and/or Written Opinion, which indicates the relevancy thereof to the claims of the International Application. Copies of documents cited in the International Search Report should have been forwarded by the International Bureau and thus have not been provided.
- ☐ Documents * * have been cited in the corresponding * * Search Report and/or Written Opinion, which indicates the relevancy of the cited documents. Any necessary copy is being submitted herewith.
- ☐ Documents * * are cited in the Specification of the present application. Any necessary copy is being submitted herewith.

- ☒ Documents A and K have been cited in the parent U.S. Patent Application No. 10/761,382 (which was filed on January 22, 2004 and now issued as U.S. Patent No. 7,103,165) either by the Applicant(s) or by the examiner. Copies of these documents should be available in the parent application(s) and thus have not been provided herewith.
- ☐ Documents * * are related as patent family members.
- ☐ Documents * * were cited in related U.S. Patent Application No. _____.
- ☐ Documents * * were cited by a third party.
- ☐ Documents * * were previously cited in an earlier filed Information Disclosure Statement in the present application.

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. This certification does not apply to any document previously cited in the present application.
- ☐ Moreover, this communication was not received by any individual designated in §1.56 (c) more than thirty days prior to the filing of the Information Disclosure Statement.

FEES

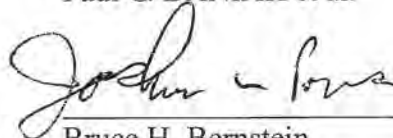
- ☐ A payment in the amount required under 37 CFR §1.17(p) is provided herewith.

DEPOSIT ACCOUNT

- ☒ In the event that any additional fees are due with respect to this paper, the Commissioner is hereby authorized to charge such fees to Deposit Account No. 19-0089 of the undersigned

If there should be any questions, the Examiner is invited to contact the undersigned at the telephone number listed below.

Respectfully submitted,
Paul G. BANIAK et al.



Bruce H. Bernstein
Reg. No. 29027

Joshua M. Pevsner
Reg. #42,036

December 10, 2010
GREENBLUM & BERNSTEIN, P.L.C.
1950 Roland Clarke Place
Reston, VA 20191
(703) 716-1191

FORM PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. P30004	Application No. 11/459,121			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Applicant Paul G. BANIAK et al.				
				Filing Date July 21, 2006	Group 2614			
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	A	4,232,199	11/1980	Boatwright et al.				
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	ENGLISH ABSTRACT YES
	K	0611083	08/1994	E.P.O.				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
EXAMINER					DATE CONSIDERED			
*EXAMINER: Initial if citation 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.								

Electronic Acknowledgement Receipt

EFS ID:	9040206
Application Number:	11459121
International Application Number:	
Confirmation Number:	9844
Title of Invention:	PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE FOR ACCESSING AND MAINTAINING PROFILE DATA OF USER SUBSCRIBED TELEPHONY SERVICES
First Named Inventor/Applicant Name:	Paul G. BANIAK
Customer Number:	83619
Filer:	Joshua Mitchell Povsner/Shannon McDaniel
Filer Authorized By:	Joshua Mitchell Povsner
Attorney Docket Number:	P30004
Receipt Date:	15-DEC-2010
Filing Date:	21-JUL-2006
Time Stamp:	14:11:34
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		P30004_COFR_COR.pdf	727490 d1ed4e516c9d2c25df543010452e1bb360c9e5b3	yes	12

	Multipart Description/PDF files in .zip description		
	Document Description	Start	End
	Request for Corrected Filing Receipt	1	9
	Miscellaneous Incoming Letter	10	12
Warnings:			
Information:			
Total Files Size (in bytes):		727490	
<p>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.</p> <p><u>New Applications Under 35 U.S.C. 111</u> 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.</p> <p><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.</p> <p><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.</p>			



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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
11/459,121	07/21/2006	2614	1100	P30004	22	2

CONFIRMATION NO. 9844

CORRECTED FILING RECEIPT



83619

AT & T LEGAL DEPARTMENT - GB
ATTN: PATENT DOCKETING
ROOM 2A- 207
ONE AT & T WAY
BEDMINSTER, NJ 07921

Date Mailed: 12/21/2010

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections**

Applicant(s)

Paul G. BANIAK, St. Louis, MO;
Kristin CHAMBERS, Austin, TX;
Katherine L. KREIN, St. Louis, MO;
Christopher H. ROLWES, St. Louis, MO;
Terry L. VIETH, St. Louis, MO;
Tracy L. BROKAW, St. Louis, MO;
Mary B. CLARK, St. Louis, MO;

Assignment For Published Patent Application

SBC TECHNOLOGY RESOURCES, INC., Austin, TX

Power of Attorney: The patent practitioners associated with Customer Number 7055

Domestic Priority data as claimed by applicant

This application is a CON of 10/761,382 01/22/2004 PAT 7,103,165
and is a CON of 09/050,986 03/31/1998 ABN
which claims benefit of 60/042,680 04/03/1997

Foreign Applications

If Required, Foreign Filing License Granted: 09/18/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 11/459,121**

Projected Publication Date: Not Applicable

Non-Publication Request: No

Early Publication Request: No

Title

PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE FOR ACCESSING AND
MAINTAINING PROFILE DATA OF USER SUBSCRIBED TELEPHONY SERVICES

Preliminary Class

379

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

LICENSE FOR FOREIGN FILING UNDER**Title 35, United States Code, Section 184****Title 37, Code of Federal Regulations, 5.11 & 5.15****GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where

the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/459,121	07/21/2006	Paul G. BANIAK	P30004	9844

7590 12/28/2010
AT & T LEGAL DEPARTMENT - GB
ATTN: PATENT DOCKETING
ROOM 2A- 207
ONE AT & T WAY
BEDMINSTER, NJ 07921

EXAMINER

DEANE JR, WILLIAM J

ART UNIT	PAPER NUMBER
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2614

MAIL DATE	DELIVERY MODE
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12/28/2010

PAPER

NOTICE OF NON-COMPLIANT INFORMATION DISCLOSURE STATEMENT

An Information Disclosure Statement (IDS) filed 12-15-10 in the above-identified application fails to meet the requirements of 37 CFR 1.97(d) for the reason(s) specified below. Accordingly, the IDS will be placed in the file, but the information referred to therein has not been considered.

The IDS is not compliant with 37 CFR 1.97(d) because:

- ☒ The IDS lacks a statement as specified in 37 CFR 1.97(e).
- ☐ The IDS lacks the fee set forth in 37 CFR 1.17(p).
- ☐ The IDS was filed after the issue fee was paid. Applicant may wish to consider filing a petition to withdraw the application from issue under 37 CFR 1.313(c) to have the IDS considered. See MPEP 1308.

571-272-4200 or 1-888-786-0101
Application Assistance Unit
Office of Data Management

LOD

FORM PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. P30004	Application No. 11/459,121			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Applicant Paul G. BANIAK et al.				
				Filing Date July 21, 2006	Group 2614			
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	A	4,232,199	11/1980	Boatwright et al.				
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	ENGLISH ABSTRACT YES
	K	0611083	08/1994	E.P.O.				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
EXAMINER					DATE CONSIDERED			
*EXAMINER: Initial if citation 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.								

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Paul G. BANIAK et al.

Conf. No.: 9844

Appl. No.: 11/459,121

Examiner: W.J. Deane Jr.

Filed: July 21, 2006

Group Art Unit: 2614

For: PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE FOR
ACCESSING AND MAINTAINING PROFILE DATA OF USER SUBSCRIBED
TELEPHONY SERVICES

**RESPONSE TO NOTIFICATION OF NON-COMPLIANT INFORMATION
DISCLOSURE STATEMENT**

Commissioner for Patents
U.S. Patent and Trademark Office
Customer Service Window, Mail Stop **Amendment**
Randolph Building
401 Dulany Street
Alexandria, VA 22314

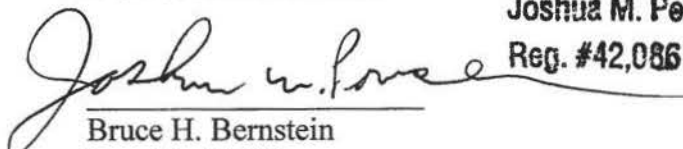
Sir:

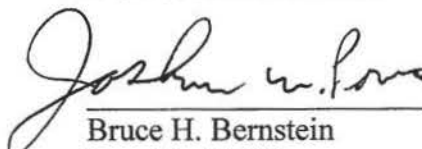
In a Notification of Non-Compliant Information Disclosure Statement dated December 28, 2010, Applicants were advised that information cited in an Information Disclosure Statement filed December 15, 2010 would not be considered due to the absence of a statement specified in 37 CFR 1.97(e). However, each document cited in the Information Disclosure Statement was cited by Applicants or the Examiner in parent U.S. Patent Application No. 10/761,382 (which was filed on January 22, 2004 and now issued as U.S. Patent No. 7,103,165) either by the Applicant(s) or by the examiner. Each document cited in the Information Disclosure Statement filed December 15, 2010 is listed on the front page of parent U.S. Patent No. 7,103,165. Accordingly, no certification under 37 CFR 1.97(e) would be properly made for these documents, whereas MPEP 609.02 confirms that "[t]he examiner of the continuing application will consider information which has been considered by the Office in the parent application".

Accordingly, Applicants again wish to make of record the documents listed on the attached form PTO-1449. As noted above, each document on the attached form PTO-1449 has been cited in the parent U.S. Patent Application No. 10/761,382 (which was filed on January 22, 2004 and now issued as U.S. Patent No. 7,103,165) either by the Applicant(s) or by the examiner. Copies of these documents should be available in the parent application(s) and thus have not been provided herewith.

If there should be any questions, the Examiner is invited to contact the undersigned at the telephone number listed below.

Respectfully submitted,
Paul G. BANIAK et al.


Joshua M. Pevener
Reg. #42,086


Bruce H. Bernstein
Reg. No. 29027

January 12, 2011
GREENBLUM & BERNSTEIN, P.L.C.
1950 Roland Clarke Place
Reston, VA 20191
(703) 716-1191

Electronic Acknowledgement Receipt

EFS ID:	9213365
Application Number:	11459121
International Application Number:	
Confirmation Number:	9844
Title of Invention:	PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE FOR ACCESSING AND MAINTAINING PROFILE DATA OF USER SUBSCRIBED TELEPHONY SERVICES
First Named Inventor/Applicant Name:	Paul G. BANIAK
Customer Number:	83619
Filer:	Joshua Mitchell Povsner/Shannon McDaniel
Filer Authorized By:	Joshua Mitchell Povsner
Attorney Docket Number:	P30004
Receipt Date:	12-JAN-2011
Filing Date:	21-JUL-2006
Time Stamp:	11:54:42
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Miscellaneous Incoming Letter	P30004_NC_IDS.pdf	124419 <small>cdc6288fa227d662ea977764d8302b8ce9c8ca50</small>	no	3

Warnings:

Information:

Cox
Ex. 1002
Page 132

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.



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/459,121	07/21/2006	Paul G. BANIAK	P30004	9844

EXAMINER	
DEANE JR, WILLIAM J	

ART UNIT	PAPER NUMBER
2614	

MAIL DATE	DELIVERY MODE
01/24/2011	PAPER

7590 01/24/2011
AT & T LEGAL DEPARTMENT - GB
ATTN: PATENT DOCKETING
ROOM 2A- 207
ONE AT & T WAY
BEDMINSTER, NJ 07921

NOTICE OF NON-COMPLIANT INFORMATION DISCLOSURE STATEMENT

An Information Disclosure Statement (IDS) filed 1-12-11 in the above-identified application fails to meet the requirements of 37 CFR 1.97(d) for the reason(s) specified below. Accordingly, the IDS will be placed in the file, but the information referred to therein has not been considered.

The IDS is not compliant with 37 CFR 1.97(d) because:

- ☒ The IDS lacks a statement as specified in 37 CFR 1.97(e).
- ☐ The IDS lacks the fee set forth in 37 CFR 1.17(p).
- ☐ The IDS was filed after the issue fee was paid. Applicant may wish to consider filing a petition to withdraw the application from issue under 37 CFR 1.313(c) to have the IDS considered. See MPEP 1308.

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Page 1 of 1



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/459,121	07/21/2006	Paul G. BANIAK	P30004	9844
83619 7590 02/01/2011 AT & T LEGAL DEPARTMENT - GB ATTN: PATENT DOCKETING ROOM 2A- 207 ONE AT & T WAY BEDMINSTER, NJ 07921			EXAMINER DEANE JR, WILLIAM J	
			ART UNIT 2614	PAPER NUMBER
			MAIL DATE 02/01/2011	DELIVERY MODE 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.

Interview Summary	Application No. 11/459,121	Applicant(s) BANIAK ET AL.	
	Examiner William J. Deane	Art Unit 2614	

All participants (applicant, applicant's representative, PTO personnel):

(1) William J. Deane. (3) ____.

(2) Joshua Pevsner. (4) ____.

Date of Interview: 27Jan2011.

Type: a) ☒ Telephonic b) ☐ Video Conference
c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.
If Yes, brief description: ____.

Claim(s) discussed: None.

Identification of prior art discussed: None.

Agreement with respect to the claims f) ☒ was reached. g) ☐ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Mr. Pevsner has called a couple of times in the past few weeks and again on 27Jan in order to have the IDS dated 12/15/2011 considered. However, we ran into some administrative problem, which is to be cleared up via this communication. That is, the attorney was informed that in compliance with MPEP 609.02, the examiner has considered information provided in continuation application 10/761,382, now U.S. Patent No. 7,103,165.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

/William J Deane/ Primary Examiner, Art Unit 2614	
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Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

Electronic Patent Application Fee Transmittal

Application Number:	11459121			
Filing Date:	21-Jul-2006			
Title of Invention:	PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE FOR ACCESSING AND MAINTAINING PROFILE DATA OF USER SUBSCRIBED TELEPHONY SERVICES			
First Named Inventor/Applicant Name:	Paul G. BANIAK			
Filer:	Joshua Mitchell Povsner/Shannon McDaniel			
Attorney Docket Number:	P30004			
Filed as Large 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:				
Utility Appl issue fee	1501	1	1510	1510
Publ. Fee- early, voluntary, or normal	1504	1	300	300

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Printed copy of patent - no color	8001	1	3	3
Total in USD (\$)				1813

Electronic Acknowledgement Receipt

EFS ID:	9367512
Application Number:	11459121
International Application Number:	
Confirmation Number:	9844
Title of Invention:	PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE FOR ACCESSING AND MAINTAINING PROFILE DATA OF USER SUBSCRIBED TELEPHONY SERVICES
First Named Inventor/Applicant Name:	Paul G. BANIAK
Customer Number:	83619
Filer:	Joshua Mitchell Povsner/Shannon McDaniel
Filer Authorized By:	Joshua Mitchell Povsner
Attorney Docket Number:	P30004
Receipt Date:	03-FEB-2011
Filing Date:	21-JUL-2006
Time Stamp:	14:59:28
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$1813
RAM confirmation Number	1252
Deposit Account	
Authorized User	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi-Page Excluded (if appl.)
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1		P30004_IF_FeeAdd_IntSum.pdf	433602 74d0fe2f41b45ea8d155250c92511ce2abfc87db	yes	6				
	Multipart Description/PDF files in .zip description								
	Document Description		Start	End					
	Issue Fee Payment (PTO-85B)		1	2					
	Miscellaneous Incoming Letter		3	4					
	Applicant summary of interview with examiner		5	6					
Warnings:									
Information:									
2	Fee Worksheet (PTO-875)	fee-info.pdf	33826 a954a13843566b4df5c121116954367310b55e61	no	2				
Warnings:									
Information:									
Total Files Size (in bytes):			467428						
<p>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.</p> <p><u>New Applications Under 35 U.S.C. 111</u> 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.</p> <p><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.</p> <p><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.</p>									

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)

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.

83619 7590 11/15/2010
AT & T LEGAL DEPARTMENT - GB
ATTN: PATENT DOCKETING
ROOM 2A- 207
ONE AT & T WAY
BEDMINSTER, NJ 07921

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.
11/459,121	07/21/2006	Paul G. BANIAK	P30004	9844

TITLE OF INVENTION: PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE FOR ACCESSING AND MAINTAINING PROFILE
DATA OF USER SUBSCRIBED TELEPHONY SERVICES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1813	02/15/2011

EXAMINER	ART UNIT	CLASS-SUBCLASS
DEANE JR, WILLIAM J	2614	379-201020

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). <input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. <input checked="" type="checkbox"/> "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 <u>GREENBLUM & BERNSTEIN, P.L.C.</u> 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 **AT&T LABS, INC. (FORMERLY KNOWN AS SBC TECHNOLOGY RESOURCES, INC.)**
(B) RESIDENCE: (CITY AND STATE OR COUNTRY) **AUSTIN, TEXAS**

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 One (1)

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

☐ A check is enclosed.
☒ Payment by credit card.
☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 19-0089 (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: Joshua M. Povsner Date: 2-3-2011
Typed or printed name: **Bruce H. Bernstein** Reg. # **42,086** Registration No. 29,027

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.

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.

PART B - FEE(S) TRANSMITTAL

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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)

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83619 7590 11/15/2010
AT & T LEGAL DEPARTMENT - GB
ATTN: PATENT DOCKETING
ROOM 2A- 207
ONE AT & T WAY
BEDMINSTER, NJ 07921

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.
11459,121	07/21/2006	Paul G. BANIAK	P30004	9844

TITLE OF INVENTION: PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE FOR ACCESSING AND MAINTAINING PROFILE
DATA OF USER SUBSCRIBED TELEPHONY SERVICES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1813	02/15/2011

EXAMINER	ART UNIT	CLASS-SUBCLASS
DEANE JR, WILLIAM J	2614	379-201020

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, 1 GREENBLUM & BERNSTEIN, P.L.C.
(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. 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 **AT&T LABS, INC. (FORMERLY KNOWN AS SBC TECHNOLOGY RESOURCES, INC.)**
(B) RESIDENCE: (CITY AND STATE OR COUNTRY) **AUSTIN, TEXAS**

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 One (1)

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

☐ A check is enclosed.
☒ Payment by credit card.
☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 19-0089 (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 Joshua M. Pevsner Date 2-3-2011
Typed or printed name **Bruce H. Bernstein** Reg. # **42,086** Registration No. 29,027

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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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.

"FEE ADDRESS" INDICATION FORM

Address to:
Mail Stop M Correspondence
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Fax to:
571-273-6500

- OR -

INSTRUCTIONS: The issue fee must have been paid for application(s) listed on this form. In addition, only an address represented by a Customer Number can be established as the fee address for maintenance fee purposes (hereafter, fee address). A fee address should be established when correspondence related to maintenance fees should be mailed to a different address than the correspondence address for the application. **When to check the first box below:** If you have a Customer Number to represent the fee address. **When to check the second box below:** If you have no Customer Number representing the desired fee address, in which case a completed Request for Customer Number (PTO/SB/125) must be attached to this form. For more information on Customer Numbers, see the Manual of Patent Examining Procedure (MPEP) § 403.

For the following listed application(s), please recognize as the "Fee Address" under the provisions of 37 CFR 1.363 the address associated with:



Customer Number:

26652

OR



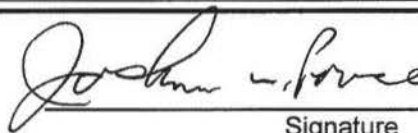
The attached Request for Customer Number (PTO/SB/125) form.

PATENT NUMBER (if known)	APPLICATION NUMBER
	11/459,121

Completed by (check one):



Applicant/Inventor



Signature

Joshua M. Povsner
Reg. #42,086



Attorney or Agent of record 29,027
 (Reg. No.)

Bruce H. Bernstein

Typed or printed name



Assignee of record of the entire interest. See 37 CFR 3.71.
 Statement under 37 CFR 3.73(b) is enclosed.
 (Form PTO/SB/96)

703-716-1191

Requester's telephone number



Assignee recorded at Reel _____ Frame _____

Date

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.



* Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.363. 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 5 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 COMPLETE D FORMS TO THIS ADDRESS. SEND TO: Mail Stop M Correspondence, 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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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

Applicants: Paul G. BANIAK et al. Conf. No.: 9844
Appl. No.: 11/459,121 Examiner: W.J. Deane Jr.
Filed: July 21, 2006 Group Art Unit: 2614
For: PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE FOR
ACCESSING AND MAINTAINING PROFILE DATA OF USER SUBSCRIBED
TELEPHONY SERVICES

INTERVIEW SUMMARY

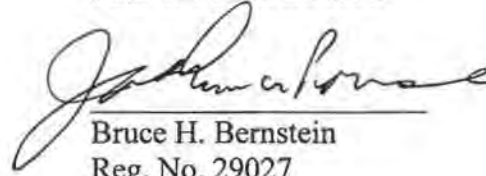
Commissioner for Patents
U.S. Patent and Trademark Office
Customer Service Window, Mail Stop Amendment
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir:

Applicants would like to thank the Examiner's Supervisor, Ahmed Matar, for his courtesy in conducting a telephone interview (returning a telephone call) with Applicants' representative, Joshua M. Povsner, on January 27, 2011. In the telephone interview, Supervisor Matar confirmed that information cited in parent U.S. Patent Application Number 10/761,382 has been considered in compliance with MPEP 609.02. The Interview Summary dated February 1, 2011 is an accurate characterization of the telephone interview and earlier telephonic requests by Applicants' representative for this confirmation.

If there should be any questions, the Examiner is invited to contact the undersigned at the telephone number listed below.

Respectfully submitted,
Paul G. BANIAK et al.



Bruce H. Bernstein
Reg. No. 29027

Joshua M. Pevsner
Reg. #42,086

February 3, 2011
GREENBLUM & BERNSTEIN, P.L.C.
1950 Roland Clarke Place
Reston, VA 20191
(703) 716-1191



UNITED STATES PATENT AND TRADEMARK OFFICE

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United States Patent and Trademark Office
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Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/459,121	03/15/2011	7907714	P30004	9844

83619 7590 02/23/2011
AT & T LEGAL DEPARTMENT - GB
ATTN: PATENT DOCKETING
ROOM 2A- 207
ONE AT & T WAY
BEDMINSTER, NJ 07921

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 1271 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):

Paul G. BANIAK, St. Louis, MO;
Kristin CHAMBERS, Austin, TX;
Katherine L. KREIN, St. Louis, MO;
Christopher H. ROLWES, St. Louis, MO;
Terry L. VIETH, St. Louis, MO;
Tracy L. BROKAW, St. Louis, MO;
Mary B. CLARK, St. Louis, MO;

Electronic Patent Application Fee Transmittal

Application Number:	11459121			
Filing Date:	21-Jul-2006			
Title of Invention:	PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE FOR ACCESSING AND MAINTAINING PROFILE DATA OF USER SUBSCRIBED TELEPHONY SERVICES			
First Named Inventor/Applicant Name:	Paul G. BANIAK			
Filer:	Joshua Mitchell Povsner/Shannon McDaniel			
Attorney Docket Number:	P30004			
Filed as Large 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:				
Certificate of correction	1811	1	100	100
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Total in USD (\$)				100

Electronic Acknowledgement Receipt

EFS ID:	10462635
Application Number:	11459121
International Application Number:	
Confirmation Number:	9844
Title of Invention:	PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE FOR ACCESSING AND MAINTAINING PROFILE DATA OF USER SUBSCRIBED TELEPHONY SERVICES
First Named Inventor/Applicant Name:	Paul G. BANIAK
Customer Number:	83619
Filer:	Joshua Mitchell Povsner/Shannon McDaniel
Filer Authorized By:	Joshua Mitchell Povsner
Attorney Docket Number:	P30004
Receipt Date:	06-JUL-2011
Filing Date:	21-JUL-2006
Time Stamp:	16:40:35
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$100
RAM confirmation Number	3250
Deposit Account	
Authorized User	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi-Page Excluded (if appl.)
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1	Request for Certificate of Correction	P30004_COC.pdf	147642 35d1a525e72f1844ec6aa50478bbe35a82c cb80f	no	4
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	30339 208eaccd217c6a4816cb27c10ab11dc5906 7a7fe	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			177981		
<p>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.</p> <p><u>New Applications Under 35 U.S.C. 111</u> 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.</p> <p><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.</p> <p><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.</p>					

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : P. BANIAK et al.

Certificate of Correction Branch

Patent No. : 7,907,714

Issued: March 15, 2011

Appln. No. : 11/459,121

Filed: July 21, 2006

For : PROFILE MANAGEMENT SYSTEM INCLUDING USER INTERFACE
FOR ACCESSING AND MAINTAINING PROFILE DATA OF USER
SUBSCRIBED TELEPHONY SERVICES

COVER LETTER FOR REQUEST FOR CERTIFICATE OF CORRECTION

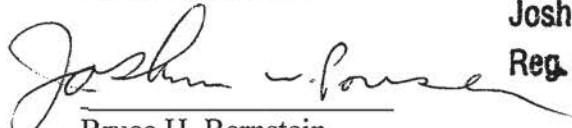
Commissioner for Patents
U.S. Patent and Trademark Office
Customer Service Window
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir:

Attached are a Request and a proposed Certificate of Correction in connection with the
above-identified patent.

The Commissioner is hereby authorized to charge any additional fees, or credit any
overpayment, to Deposit Account No. 19-0089.

Respectfully submitted,
P. BANIAK et al.



Bruce H. Bernstein
Reg. No. 29,027

Joshua M. Povsner
Reg. #42,086

July 6, 2011
GREENBLUM & BERNSTEIN, P.L.C.
1950 Roland Clarke Place
Reston, VA 20191
(703) 716-1191

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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REQUEST FOR CERTIFICATE OF CORRECTION

Commissioner for Patents
U.S. Patent and Trademark Office
Customer Service Window, Mail Stop Certificate of Correction Branch
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir:

Please find attached a proposed Certificate of Correction.

Please correct the following error appearing in the printed patent. The error is apparently the fault of the inventors, as per the attached Certificate of Correction:

On cover page (56) References Cited, U. S. Patent Documents, page 2 of the printed patent, please change "2003/0076941 A1 4/2003 Books et al" to --2003/0076941 A1 4/2003 Tiliks et al--.

This appeared incorrectly on the Information Disclosure Statement filed on October 25, 2006.

Therefore, it is respectfully requested that a Certificate of Correction issue in the above-identified patent as follows:

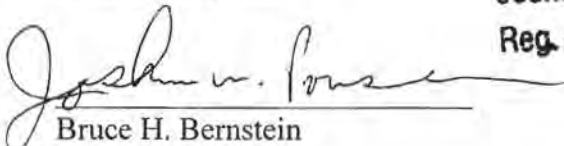
On cover page (56) References Cited, U. S. Patent Documents, page 2 of the printed patent,

please change "2003/0076941 A1 4/2003 Books et al" to --2003/0076941 A1 4/2003 Tiliks et al--.

Should there be any questions, the Examiner is invited to contact the undersigned at the below-listed number.

Respectfully submitted,
P. BANIAK et al.

Joshua M. Pevsner
Reg. #42,086


Bruce H. Bernstein
Reg. No. 29,027

July 6, 2011
GREENBLUM & BERNSTEIN, P.L.C.
1950 Roland Clarke Place
Reston, VA 20191
(703) 716-1191

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

Page 1 of 1

PATENT NO. : 7,907,714

APPLICATION NO.: 11/459,121

ISSUE DATE : March 15, 2011

INVENTOR(S): P. BANIAK et al.

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On cover page (56) References Cited, U. S. Patent Documents, page 2 of the printed patent, please change "2003/0076941 A1 4/2003 Books et al" to -- 2003/0076941 A1 4/2003 Tiliks et al--.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

GREENBLUM & BERNSTEIN, P.L.C.
1950 Roland Clarke Place
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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. 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 1.0 hour 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: Attention Certificate of Corrections Branch, 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
CERTIFICATE OF CORRECTION

PATENT NO. : 7,907,714 B2
APPLICATION NO. : 11/459121
DATED : March 15, 2011
INVENTOR(S) : P. Baniak et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page Item (56) References Cited, U. S. Patent Documents, page 2 of the printed patent,
please change "2003/0076941 A1 4/2003 Books et al" to --2003/0076941 A1 4/2003 Tiliks et al--.

Signed and Sealed this
Sixteenth Day of August, 2011

A handwritten signature in black ink that reads "David J. Kappos". The signature is written in a cursive, flowing style.

David J. Kappos
Director of the United States Patent and Trademark Office