

AVAILABLE PORTFOLIOS

MOBILE

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MEANS FOR MAKING PURCHASES, RECORDING DATA, & MAKING USER PURCHASE RECOMMENDATIONS

Personal Data Network Corporation

This portfolio discloses means for facilitating consumer purchase transactions, instantaneously recording data about such purchases, and making accessible recommendations (in searchable format), all using a transportable recordable medium (“TRM”). The TRM can be a PC, cell phone, PDA, credit card, smartcard, and/or key-fob, among other items. The environment through which the transactions are facilitated, and through which activity data and recommendations are provided to a user, is technologically neutral, and can be done through and in any network, including the Internet.

Value Proposition: Conventional search technologies “learn” what a user’s interests and habits are, and tailor results and recommendations accordingly to maximize positive results. This type of search software, while powerful, is still limited to relying on a user’s online activity for help in filtering more helpful results from less. The ‘881 patent in this lot describes a system by which all of a user’s activity (especially purchasing activity), even away from the computer, is made available to the user’s search program to further refine results and recommendations. The technique disclosed in the patent employs existing, ubiquitous systems like credit cards, cell phones and smart cards, which will significantly ease adoption of the technology. This technology will become even more relevant with the increased frequency and use of mobile payments and near-field communication payment techniques (NFC). With a broader and deeper pool of data to work with, search software will become more personalized than ever, and return more relevant results without page after page of distracting off-target hits.

Priority Date: 03-15-2000

Forward Citing Companies: Sony, Sprint, Microsoft, Cisco, Motorola, Amazon, Ebay

Representative Claim: US 6,611,881 – Claim #1

A method comprising: providing a transportable recordable medium (TRM) by communicating over a wide area network (WAN) the activity data to an account of the user on a profiler access device to a user; processing a monetary transaction such that a financial account data on the TRM is accessed; and transferring an activity data to a user accessible location derived from the TRM.

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TECHNOLOGY

MOBILE PAYMENTS AND
SMART CARDS

NOVELTY

ADVANCED SYSTEM FOR
TRACKING CONSUMER
PREFERENCES &
PROVIDING USER
RELEVANT SEARCH
RESULTS

IMPORTANCE

THE PORTFOLIO HAS
AN EARLY PRIORITY
DATE, A PENDING
OPEN CONTINUATION
APPLICATION, & IS
TECHNOLOGICALLY
AGNOSTIC REGARDING
MOBILE PAYMENTS,
SEARCH & PROMOTIONAL
PLATFORMS

NUMBER OF ASSETS

6

US PATENTS (1)

6,611,881

APPLICATIONS (5)

US 10/611,097
US 13/152,173
AU 20020247395
EP 20020715179
WO PCT/US02/08759

ELECTRONIC DEVICE USER INTERFACE

New Renaissance Commercial

This patent portfolio discloses techniques for selecting an entry from a list of entries on an electronic device. Mobile devices (e.g., mobile phones, PDAs, tablets, etc.) often have a small screen with a limited viewing area and a small keyboard with a limited number of keys. This makes it difficult for a user to perform quick searches and selections within a list such as an address book or song listing. Some devices have a hidden keyboard that has to be slid out or opened requiring additional time to access the keyboard. Virtual keyboards are sometimes displayed on touch screens, however such keyboards may be small and difficult to use or may even require a stylus for operation.

Value Proposition: This portfolio addresses market limitations by disclosing a technique for selecting an entry from a list of choices on an electronic device. Various banks (or groups of characters) with a specific set of characters are displayed on a device to the user and upon a particular selection, the set of characters in the bank is appended to a prefix and is used to determine a current result list containing entries matching the prefix. For example, the match may be found in the first name, middle name, or last name of a contact in a list of names in a phonebook. The current result list is then displayed to the user with those entries that match the prefix being highlighted. The user can then scroll through the reduced list of entries and make a specific selection. This technique enables the user to select an entry using minimal input from a display that can fit in a small area.

Priority Date: 04-04-2007

Representative Claim: US 7,996,781 – Claim #1

A method for selecting an entry from a list of entries on an electronic device, comprising: displaying a plurality of banks; receiving a bank selection event for selecting a bank from the plurality of banks, the selected bank containing a set of characters; appending the set of characters to a prefix, where the set of characters occupies a single position of the prefix; determining a current result list of entries that match the prefix, the current result list of entries being a subset of the list of entries, wherein determining the current result list of entries that match the prefix further comprises determining entries that contain a sequence of characters such that each character in a particular position of the sequence is contained in the set of characters at the same position of the prefix, and wherein the sequence of characters is at any location within the matched entry; reducing the list of entries to the current result list of entries; displaying the current result list of entries; and highlighting at least one character in each entry of the current result list of entries, the highlighted characters matching the prefix.

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TECHNOLOGY

MOBILE SEARCH

NOVELTY

EASY TO USE TEXT SEARCH AND COMPLETION FOR MOBILE DEVICES BASED ON CHARACTER MATCHING

IMPORTANCE

IMPROVEMENT TO USER INTERFACE FOR DEVICES WITH SMALL SCREENS AND KEYBOARDS

NUMBER OF ASSETS

4

US PATENTS (1)

7,996,781

US APPLICATIONS (3)

13/205,414
60/921,690
60/952,859

MULTIPLE RECIPIENT FILE SHARING SYSTEM FROM A MOBILE DEVICE

Laurent Frederick Sidon

This patent portfolio discloses a technique for sharing and distributing files stored in a mobile device to multiple recipients. Mobile devices such as mobile phones store files and software applications in their memory and transmit or receive them via wireless telecommunication networks and the Internet. Conventional services such as MMS (Multimedia Messaging Service) enable file sharing between two mobile devices. However, MMS allows transmission of one image file at a time to a single recipient. Also, the user interface for MMS service tends to be inconvenient. Therefore, techniques are required for a convenient mechanism that allows transfer and distribution of multiple files to multiple recipients.

Value Proposition: This portfolio addresses market limitations by disclosing techniques to enable a user to easily and quickly distribute files to multiple recipients of their choice. The files stored in folders on an internet enabled mobile device are distributed to the selected recipients automatically on a single action from the user. Using this technology, the folder structure as well as the files on the mobile device can be replicated and mapped onto a remote server, from where they are distributed to the specified recipients. Also, the technique includes pre-associating any number or e-mail addresses of recipients to the folders containing files on the mobile device that are to be shared on the network (e.g., the Internet). This way, distribution of files is done automatically based on file updates or any other events that are defined to trigger file distribution.

Evidence of Use: Available with NDA

Priority Date: 06-09-2006

Representative Claim: US7958270 – Claim #16

A system for seamlessly distributing files stored in a plurality of folders in an Internet-enabled mobile device to one or more recipient devices, comprising: an Internet-enabled mobile device; a mobile application residing on said mobile device; a remote server, linkable to said mobile device by an Internet connection, and said remote server including a Web Server software; and a Web application residing on said remote server, a database associated with said remote server, said mobile application on said mobile device, a set of user-defined trigger events selected on said mobile device, said Web application and the Web server software on said remote server, and said database interacting with one another to extract one or more recipient device addresses from a contact data organizer on said mobile device, associate one or more of said recipient device addresses with each of one or more files in a folder structure on said mobile device based on the structure of said folders, and distribute files to one or more recipient devices with said recipient device addresses upon the occurrence of one of said user-defined trigger events.

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TECHNOLOGY

DATA DISTRIBUTION;
MOBILE DEVICES

NOVELTY

EFFICIENT WAY OF
SHARING MULTIPLE FILES
FROM A MOBILE DEVICE
TO MULTIPLE RECIPIENTS

IMPORTANCE

IMPORTANT TO ONLINE
FILE SHARING AND
DISTRIBUTING OR ONLINE
DATA BACKUP/ARCHIVING
SERVICE PROVIDERS

NUMBER OF ASSETS

1

US PATENTS (1)

7,958,270

ANONYMOUS TEXT MESSAGING

MytextID, LLC

This patent portfolio discloses techniques for anonymously exchanging text messages among a network of users.

Short Message Service (SMS) or Multimedia Message Service (MMS) are often used on mobile phones for communication. Messages from a mobile phone are sent either to another mobile phone (such as when a mobile subscriber sends a personal message to another subscriber) or to a computer application with the capability of processing this kind of message. Various value added services such as television voting, ordering ringtones, mobile marketing and others, use short code address for transmitting SMS messages. A short code address is a convenient, easy to remember, short number (or text string that corresponds to a telephone number) that identifies a central location to which an SMS message can be sent. SMS messages sent to short code numbers are billed by mobile phone carriers to the mobile phone user either at the standard messaging rate or at a fixed tariff rate. However, with current technology, the telephone numbers of the users that are sending or receiving the messages are displayed on the other end and cannot be kept private.

Value Proposition: This patent portfolio discloses techniques for anonymously exchanging text messages. A sender may send a text message with a short code to a receiver through a message forwarding service. Further, the text message includes a unique alias of the receiver, which is used by the forwarding service to determine a telephone number of the receiver. The text message is then sent to the receiver at the determined telephone number. The text message sent to the receiver includes text and a unique alias of the sender. The communication is completely anonymous, as the text message does not include the identities of the sender or the receiver. This masking of the identity with unique alias prevents third parties from accessing personal information associated with the phone numbers.

Priority Date: 02-27-2007

Representative Claim: US 7,937,097– Claim #1

A method for anonymously exchanging text messages, the method comprising: receiving a text message from a sending user, the text message comprising a header and a body, the header containing a common short code corresponding to a provider of message forwarding services, the body containing (a) a unique alias corresponding to a desired receiving user and (b) text to be communicated to the receiving user; identifying a telephone number of the sending user; determining if the sending user is registered with the provider by comparing the telephone number of the sending user to a database of registered users; if the sending user is not registered with the provider, notifying the sending user that the text message will not be forwarded to the receiving user; if the sending user is registered with the provider: determining a pre-assigned unique alias of the sending user using the database of registered users; comparing the unique alias corresponding to the desired receiving user to the database of registered users; if the unique alias corresponding to the desired receiving user is not in the database of registered users, notifying the sending user that the text message cannot be forwarded to the receiving user; if the unique alias corresponding to the desired receiving user is in the database of registered users: determining a telephone number of the receiving user using the database of registered users; creating a new text message to be sent to the receiving user, the new text message comprising a header and a body, the header containing the telephone number of the receiving user, the body containing the text to be communicated to the receiving user and the unique alias of the sending user; and sending the new text message to the receiving user.

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TECHNOLOGY

MOBILE MESSAGING

NOVELTY

ANONYMOUS TEXT MESSAGE EXCHANGE AMONGST SENDERS AND RECEIVERS

IMPORTANCE

STRATEGIC PORTFOLIO THAT SHOULD BE OF INTEREST TO INTERACTIVE ADVERTISERS (I.E. MOBILE & ONLINE MARKETING), FINANCIAL INSTITUTIONS, AND INSTANT MESSAGING PROVIDERS

NUMBER OF ASSETS

1

US PATENTS (1)

7,937,097

**PS
567**

WIRELESS NETWORK MANAGEMENT TECHNIQUES

Nokia Siemens Networks Oy

This patent portfolio discloses techniques for managing data on wireless communication networks. The Internet is used for a wide variety of communications such as transmitting e-mail between two computers, a computer and a cellular phone, or between two cellular phones. However, it is a challenge to reply to an e-mail received from a mobile phone to a computer, as the identifier of the mobile station and the Internet address of computer are incompatible. Further, to use communication services, every mobile station has to disclose its identifier to service providers. With the increasing number of service providers, it is difficult to determine which service provider would be appropriate. Furthermore, mobile radio communication networks do not always use communication bandwidth efficiently and sometimes cannot separate control messages from user data.

Value Proposition: This patent portfolio discloses multiple techniques for:

- Transmission of messages such as SMS, MMS, e-mail between a mobile user and an Internet connected computer. The techniques use virtual numbers, wireless application protocol (WAP) or mobile user's e-mail address, for the transmission. These techniques also automatically determine which data service provider would provide most appropriate transmission service. Further, this patent portfolio discloses techniques for separating the control information sent by the service provider from user messages. Therefore, overhead and transmission errors are reduced during transmission of messages such as MMS.
- Providing services such as location based services to mobile users. Location based services may include information about vendors located at a particular location, notification when reaching a particular area, automatically selecting a mobile device profile based on the location of the device, etc.
- Effective and efficient delivery of services such as voice messages, voice clips, video clips and multimedia clips to mobile users.
- Innovative eCommerce methods for shopping using mobile devices. Includes selection from multiple shopping locations and from multiple goods or services. Also includes itinerary services such as best travel routes.

Priority Date: 05-09-2002

Forward Citing Companies: Microsoft Corporation, Ericsson, Teliasonera Finland Oyj

Representative Claim: US 7,031,708 – Claim #1

A method of connecting at least one mobile station in a wireless network including mobile stations and a controller to another network comprising: transmitting a communication from the at least one mobile station, while the at least one mobile station is activated in the wireless network, but is not terminated to the controller, to the another network to establish a connection between the at least one mobile station and the another network; and the another network transmits control information using the connection to the at least one mobile station while the at least one mobile station is activated but is not terminated to the controller, wherein the control information transmitted by the another network relates to a multicast transmission or a broadcast transmission to a plurality of the mobile stations from the another network, and wherein the communication from the at least one mobile station is an indication by the at least one mobile station to the another network that the at least one mobile station is to receive the multicast transmission or broadcast transmission from the another network.

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TECHNOLOGY

MOBILE COMMUNICATIONS

NOVELTY

ENHANCED COMMUNICATION BETWEEN MOBILE DEVICES AND ONLINE COMPUTERS; NOVEL MOBILE SERVICES

IMPORTANCE

IMPORTANT PORTFOLIO FOR PROVIDERS OF WIRELESS TELECOMMUNICATIONS AND NETWORK SERVICES

NUMBER OF ASSETS

36

US PATENTS (36)

5,978,464	6,868,141
5,987,114	6,883,039
5,991,388	6,904,138
6,009,160	6,940,971
6,031,906	6,954,735
6,078,656	6,990,525
6,078,660	7,031,708
6,111,861	7,043,261
6,128,377	7,069,208
6,304,566	7,103,676
6,587,693	7,142,842
6,600,732	7,221,939
6,658,011	7,249,100
6,684,081	7,274,299
6,728,369	7,321,586
6,741,567	7,340,004
6,788,667	7,388,858
6,798,770	7,443,866

**PS
572**