

Search query (3): [SP]: reivindicaciones 1. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, caracterizado porque comprende al menos una pluralidad de dispositivos de recepcion/envio de instrucciones, en donde cada uno de los dispositivos de recepcion/envio de instrucciones se encarga de generar y enviar una instruccion de la seleccion que ha realizado un usuario inicial del presente sistema a un servidor de procesamiento de instrucciones para su procesamiento un servidor de procesamiento de instrucciones, que se encuentra interconectado a cada uno de los dispositivos de recepcion/envio de instrucciones que conforman a la pluralidad de dispositivos de recepcion/envio de instrucciones, el cual se encarga de recibir y procesar la instruccion de seleccion del usuario inicial para generar y enviar una instruccion de asignacion a un servidor de asignacion un servidor de asignacion que se encuentra interconectado al servidor de procesamiento de instrucciones y a un dispositivo de envio de mensajes electronicos, el cual se encarga de recibir y procesar la instruccion de asignacion del servidor de procesamiento de instrucciones, generando una instruccion de envio que es atendida por el dispositivo de envio de mensajes electronicos una pluralidad de dispositivos de usuario final, en donde cada uno de los dispositivos de usuario final de la pluralidad de dispositivos es manejado por un usuario final, el cual recibe un mensaje electronico proveniente del dispositivo de envio de mensajes electronicos y, una pluralidad de servidores proveedores de productos y/o servicios, a los que el usuario final ingresa informacion contenida en el mensaje electronico recibido en el dispositivo de usuario final a traves de un portal de acceso disponible en cada uno de dichos servidores proveedores de productos y/o servicios, para poder tener acceso al producto y/o servicio electronico solicitado. 2. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 1, caracterizado ademas porque la instruccion de seleccion depende del tipo de producto y/o servicio electronico que el usuario inicial requiera en ese momento y contiene informacion personal del usuario final que obtendra el producto y/o servicio electronico deseado, como puede ser su numero de telefono celular o su direccion de correo electronico. 3. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 1, caracterizado ademas porque cada uno de los dispositivos de recepcion/envio de instrucciones que conforman a la pluralidad de dispositivos de recepcion/envio de instrucciones comprende todos aquellos componentes electronicos necesarios para la recepcion, procesamiento, generacion y envio de la instruccion de seleccion de un usuario inicial del presente sistema, asi como todos aquellos componentes electronicos necesarios para su interconexion con el servidor de procesamiento de instrucciones en donde, dentro de los componentes principales que conforman a cada uno de dichos dispositivos se encuentran al menos una fuente de poder y/o bateria un procesador una unidad de memoria tipo rom una unidad de memoria tipo ram una tarjeta de red un periferico de entrada y, un periferico de salida. 4. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 3, caracterizado ademas porque los dispositivos de recepcion/envio de instrucciones que conforman a la pluralidad de dispositivos de recepcion/envio de instrucciones se seleccionan de entre computadoras, telefonos celulares, tabletas, cajeros automaticos y/o terminales punto de venta. 5. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 1, caracterizado ademas porque dentro de los componentes electronicos principales que conforman al servidor de procesamiento de instrucciones se encuentran al menos una fuente de poder y/o bateria un procesador una unidad de memoria tipo rom una tarjeta de red un periferico de entrada y, un periferico de salida. 6. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 1, caracterizado ademas porque dentro de los componentes electronicos principales que conforman al servidor de asignacion se encuentran al menos una fuente de poder y/o bateria un procesador una unidad de memoria tipo rom una tarjeta de red un periferico de entrada y, un periferico de salida. 7. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 6, caracterizado ademas porque en la memoria tipo rom de dicho servidor de asignacion se encuentran almacenados en una primera seccion, una pluralidad de codigos activos de los distintos productos y/o servicios electronicos ofrecidos en dicho sistema para adquisicion de productos y/o servicios electronicos que emplea mensajes electronicos y, en una segunda seccion de dicha memoria tipo rom, se encuentran almacenados una pluralidad de formatos de mensajes electronicos que dependen de los productos y/o servicios electronicos ofrecidos y que contienen informacion sobre como hacer uso de los codigos activos de la primera seccion de dicha memoria tipo rom, los cuales se encuentran asociados con los productos y/o servicios electronicos adquiridos. 8. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 1, caracterizado ademas porque el dispositivo de envio de mensajes electronicos recibe la instruccion de envio del servidor de asignacion, la procesa y genera un mensaje electronico que es enviado a un dispositivo de usuario final de la pluralidad de dispositivos de usuario final, el cual corresponde al dispositivo asociado con el numero de telefono celular o con la direccion de correo electronico que proporciona el usuario seleccionador cuando solicito el producto y/o servicio electronico. 9. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 8, caracterizado ademas porque el mensaje electronico que envia dicho dispositivo de envio de mensajes electronicos puede ser de tipo sms, mms, correo electronico o mediante algun programa electronico de mensajeria como whatsapp(r). 10. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 9, caracterizado ademas porque el dispositivo de envio de mensajes electronicos comprende un modem multi-puerto para envio masivo de mensajes a traves de la red celular, en donde dichos mensajes pueden ser de tipo sms o a traves de algun programa electronico de mensajeria como whatsapp(r). 11. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 9, caracterizado ademas porque dicho dispositivo de envio de mensajes electronicos comprende una computadora, configurada para el envio de mensajes electronicos tipo correo electronico a traves de internet. 12. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 1, caracterizado ademas porque los dispositivos que conforman la pluralidad de dispositivos de usuario final cuentan con todos los componentes necesarios para la recepcion y visualizacion del mensaje electronico enviado por el dispositivo de envio de mensajes electronicos dentro de los componentes electronicos principales que conforman a dichos dispositivos de usuario final se encuentran al menos una fuente de poder y/o bateria un procesador una unidad de memoria tipo rom una unidad de memoria tipo ram una tarjeta de red un periferico de entrada y, un periferico de salida. 3. 13.un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 1, caracterizado ademas porque cada uno de los servidores proveedores de productos y/o servicios de la pluralidad de servidores proveedores de productos y/o servicios cuenta con todos los componentes electronicos necesarios para que el usuario final pueda acceder a la informacion contenida en el mensaje electronico y pueda disponer del producto y/o servicio electronico deseado a traves de un portal de acceso ubicado dentro del servidor proveedor de producto y/o servicio dentro de los componentes electronicos principales que conforman a dichos servidores proveedores de productos y/o servicios se encuentran al menos una fuente de poder y/o bateria un procesador una unidad de memoria tipo rom una unidad de memoria tipo ram una tarjeta de red un periferico de entrada y, un periferico de salida. 14. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 1, caracterizado ademas porque dentro de los productos y/o servicios electronicos que se pueden adquirir a traves de dicho sistema se encuentra al menos: contenido digital multimedia diverso (fotos, videos, musica, libros), programas de computo, videojuegos, tiempo aire electronico para telefonos celulares, y/o bolsa de saldo para compra en tiendas electronicas. claims 1. a system for acquiring products and / or services that uses electronic messages,

Results: 5

Search history

Search PN=(WO2016116773) (Results 1)

1:

Search [SP]: system for the acquisition of electronic services and/or products using electronic messages
 2: **systeme d'acquisition de produits et/ou services électroniques faisant intervenir des messages électroniques** sistema par adquisicion de productos y/o servicios electronicos que emplea mensajes electronicos la invention relates to a system for the acquisition of electronic services and/or products using electronic messages, comprising: at least a plurality of devices for receiving/sending instructions, wherein each of the devices for receiving/sending instructions is for generating an instruction of the selection carried out by an initial user of said system and sending same to an instruction-processing server for the processing thereof an instruction-processing server for receiving and processing the selection instruction of the initial user in order to generate an assigning instruction and send same to an assigning server an assigning server for receiving and processing the assigning instruction of the instruction-processing server, generating a sending instruction that is dealt with by the electronic message-sending device a plurality of the final user devices, wherein each of the devices is managed by a final user, which receives an electronic message from the electronic message-sending device and a plurality of servers providing products and/or services, into which the final user introduces information contained in the electronic message received in the final user device via an access portal available in each of said servers providing products and/or services, in order to be able to have access to the requested electronic service and/or product.la presente invention concerne un systeme d'acquisition de produits et/ou services électroniques faisant intervenir des messages électroniques, comprenant au moins une pluralite de dispositifs de reception/envoi d'instructions, chacun de ces dispositifs de reception/envoi d'instructions etant charge de generer une instruction de la selection realisee par un utilisateur initial du present systeme et de l'envoyer a un serveur de traitement d'instructions en vue de son traitement un serveur de traitement d'instructions destine a recevoir et traiter l'instruction de selection de l'utilisateur initial pour generer et envoyer une instruction d'attribution a un serveur d'attribution un serveur d'attribution destine a recevoir et traiter l'instruction d'attribution du serveur de traitement d'instructions, generant une instruction d'envoi mise en oeuvre par le dispositif d'envoi de messages électroniques une pluralite de dispositifs d'utilisateur final, chacun de ces dispositifs etant manipule par un utilisateur final, lequel recoit un message electronique en provenance du dispositif d'envoi de messages électroniques ainsi qu'une pluralite de serveurs fournisseurs de produits et/ou services, dans lesquels l'utilisateur final entre les informations contenues dans le message electronique recu dans le dispositif d'utilisateur final, via un portail d'accès disponible sur chacun desdits serveurs fournisseurs de produits et/ou services, en vue de pouvoir acceder au produit et/ou service electronique demande.la presente invencion se encuentra relacionada con un sistema para adquisicion de productos y/o servicios electronicos que emplea mensajes electronicos que comprende al menos una pluralidad de dispositivos de recepcion/envio de instrucciones, en donde cada uno de los

dispositivos de recepcion/envio de instrucciones se encarga de generar y enviar una instruccion de la seleccion que ha realizado un usuario inicial del presente sistema a un servidor de procesamiento de instrucciones para su procesamiento un servidor de procesamiento de instrucciones, que se encarga de recibir y procesar la instruccion de seleccion del usuario inicial para generar y enviar una instruccion de asignacion a un servidor de asignacion un servidor de asignacion que se encarga de recibir y procesar la instruccion de asignacion del servidor de procesamiento de instrucciones, generando una instruccion de envio que es atendida por el dispositivo de envio de mensajes electronicos una pluralidad de dispositivos de usuario final, en donde cada uno de los dispositivos es manejado por un usuario final, el cual recibe un mensaje electronico proveniente del dispositivo de envio de mensajes electronicos y, una pluralidad de servidores proveedores de productos y/o servicios, a los que el usuario final ingresa informacion contenida en el mensaje electronico recibido en el dispositivo de usuario final a traves de un portal de acceso disponible en cada uno de dichos servidores proveedores de productos y/o servicios, para poder tener acceso al producto y/o servicio electronico solicitado. (Results 0)

Search 3: [SP]: reivindicaciones 1. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, caracterizado porque comprende al menos una pluralidad de dispositivos de recepcion/envio de instrucciones, en donde cada uno de los dispositivos de recepcion/envio de instrucciones se encarga de generar y enviar una instruccion de la seleccion que ha realizado un usuario inicial del presente sistema a un servidor de procesamiento de instrucciones para su procesamiento un servidor de procesamiento de instrucciones, que se encuentra interconectado a cada uno de los dispositivos de recepcion/envio de instrucciones que conforman a la pluralidad de dispositivos de recepcion/envio de instrucciones, el cual se encarga de recibir y procesar la instruccion de seleccion del usuario inicial para generar y enviar una instruccion de asignacion a un servidor de asignacion un servidor de asignacion que se encuentra interconectado al servidor de procesamiento de instrucciones y a un dispositivo de envio de mensajes electronicos, el cual se encarga de recibir y procesar la instruccion de asignacion del servidor de procesamiento de instrucciones, generando una instruccion de envio que es atendida por el dispositivo de envio de mensajes electronicos una pluralidad de dispositivos de usuario final, en donde cada uno de los dispositivos de usuario final de la pluralidad de dispositivos es manejado por un usuario final, el cual recibe un mensaje electronico proveniente del dispositivo de envio de mensajes electronicos y, una pluralidad de servidores proveedores de productos y/o servicios, a los que el usuario final ingresa informacion contenida en el mensaje electronico recibido en el dispositivo de usuario final a traves de un portal de acceso disponible en cada uno de dichos servidores proveedores de productos y/o servicios, para poder tener acceso al producto y/o servicio electronico solicitado. 2. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 1, caracterizado ademas porque la instruccion de seleccion depende del tipo de producto y/o servicio electronico que el usuario inicial requiera en ese momento y contiene informacion personal del usuario final que obtendra el producto y/o servicio electronico deseado, como puede ser su numero de telefono celular o su direccion de correo electronico. 3. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 1, caracterizado ademas porque cada uno de los dispositivos de recepcion/envio de instrucciones que conforman a la pluralidad de dispositivos de recepcion/envio de instrucciones comprende todos aquellos componentes electronicos necesarios para la recepcion, procesamiento, generacion y envio de la instruccion de seleccion de un usuario inicial del presente sistema, asi como todos aquellos componentes electronicos necesarios para su interconexion con el servidor de procesamiento de instrucciones en donde, dentro de los componentes principales que conforman a cada uno de dichos dispositivos se encuentran al menos una fuente de poder y/o bateria un procesador una unidad de memoria tipo rom una unidad de memoria tipo ram una tarjeta de red un periferico de entrada y, un periferico de salida. 4. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 3, caracterizado ademas porque los dispositivos de recepcion/envio de instrucciones que conforman a la pluralidad de dispositivos de recepcion/envio de instrucciones se seleccionan de entre computadoras, telefonos celulares, tabletas, cajeros automaticos y/o terminales punto de venta. 5. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 1, caracterizado ademas porque dentro de los componentes electronicos principales que conforman al servidor de procesamiento de instrucciones se encuentran al menos una fuente de poder y/o bateria un procesador una unidad de memoria tipo ram una tarjeta de red un periferico de entrada y, un periferico de salida. 6. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 1, caracterizado ademas porque dentro de los componentes electronicos principales que conforman al servidor de asignacion se encuentran al menos una fuente de poder y/o bateria un procesador una unidad de memoria tipo rom una unidad de memoria tipo ram una tarjeta de red un periferico de entrada y, un periferico de salida. 7. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 6, caracterizado ademas porque en la memoria tipo rom de dicho servidor de asignacion se encuentran almacenados en una primera seccion, una pluralidad de codigos activos de los distintos productos y/o servicios electronicos ofrecidos en dicho sistema para adquisicion de productos y/o servicios electronicos que emplea mensajes electronicos y, en una segunda seccion de dicha memoria tipo rom, se encuentran almacenados una pluralidad de formatos de mensajes electronicos que dependen de los productos y/o servicios electronicos ofrecidos y que contienen informacion sobre como hacer uso de los codigos activos de la primera seccion de dicha memoria tipo rom, los cuales se encuentran asociados con los productos y/o servicios electronicos adquiridos. 8. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 1, caracterizado ademas porque el dispositivo de envio de mensajes electronicos recibe la instruccion de envio del servidor de asignacion, la procesa y genera un mensaje electronico que es enviado a un dispositivo de usuario final de la pluralidad de dispositivos de usuario final, el cual corresponde al dispositivo asociado con el numero de telefono celular o con la direccion de correo electronico que proporciono el usuario seleccionador cuando solicito el producto y/o servicio electronico. 9. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 8, caracterizado ademas porque el mensaje electronico que envia dicho dispositivo de envio de mensajes electronicos puede ser de tipo sms, mms, correo electronico o mediante algun programa electronico de mensajeria como whatsapp(r). 10. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 9, caracterizado ademas porque el dispositivo de envio de mensajes electronicos comprende un modem multi-puerto para envio masivo de mensajes a traves de la red celular, en donde dichos mensajes pueden ser de tipo sms o a traves de algun programa electronico de mensajeria como whatsapp(r). 11. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 9, caracterizado ademas porque dicho dispositivo de envio de mensajes electronicos comprende una computadora, configurada para el envio de mensajes electronicos tipo correo electronico a traves de internet. 12. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 1, caracterizado ademas porque los dispositivos que conforman la pluralidad de dispositivos de usuario final cuentan con todos los componentes necesarios para la recepcion y visualizacion del mensaje electronico enviado por el dispositivo de envio de mensajes electronicos dentro de los componentes electronicos principales que conforman a dichos dispositivos de usuario final se encuentran al menos una fuente de poder y/o bateria un procesador una unidad de memoria tipo rom una unidad de memoria tipo ram una tarjeta de red un periferico de entrada y, un periferico de salida. 3. 13. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 1, caracterizado ademas porque cada uno de los servidores proveedores de productos y/o servicios de la pluralidad de servidores proveedores de productos y/o servicios cuenta con todos los componentes electronicos necesarios para que el usuario final pueda acceder a la informacion contenida en el mensaje electronico y pueda disponer del producto y/o servicio electronico deseado a traves de un portal de acceso ubicado dentro del servidor proveedor de producto y/o servicio dentro de los componentes electronicos principales que conforman a dichos servidores proveedores de productos y/o servicios se encuentran al menos una fuente de poder y/o bateria un procesador una unidad de memoria tipo rom una unidad de memoria tipo ram una tarjeta de red un periferico de entrada y, un periferico de salida. 14. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 1, caracterizado ademas porque dentro de los productos y/o servicios electronicos que se pueden adquirir a traves de dicho sistema se encuentra al menos: contenido digital multimedia diverso (fotos, videos, musica, libros), programas de computo, videojuegos, tiempo aire electronico para telefonos celulares, y/o bolsa de saldo para compra en tiendas electronicas. claims 1. a system for acquiring products and / or services that uses electronic messages, (Results 5)

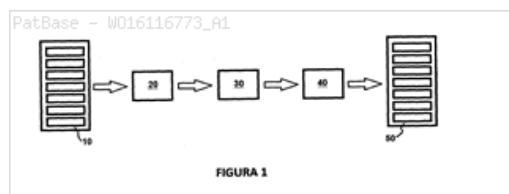
Title: SYSTEM FOR THE ACQUISITION OF ELECTRONIC SERVICES AND/OR PRODUCTS USING ELECTRONIC MESSAGES

Abstract: The invention relates to a system for the acquisition of electronic services and/or products using electronic messages, comprising: at least a plurality of devices for receiving/sending instructions, wherein each of the devices for receiving/sending instructions is for generating an instruction of the selection carried out by an initial user of said system and sending same to an instruction-processing server for the processing thereof; an instruction-processing server for receiving and processing the selection instruction of the initial user in order to generate an assigning instruction and send same to an assigning server; an assigning server for receiving and processing the assigning instruction of the instruction-processing server, generating a sending instruction that is dealt with by the electronic message-sending device; a plurality of the final user devices, wherein each of the devices is managed by a final user, which receives an electronic message from the electronic message-sending device; and a plurality of servers providing products and/or services, into which the final user introduces information contained in the electronic message received in the final user device via an access portal available in each of said servers providing products and/or services, in order to be able to have access to the requested electronic service and/or product.

Classifications:

International (IPC 8-9): G06Q30/00 (Advanced/Invention)

CPC: G06Q30/00



Family:

Publication number	Publication date	Application number	Application date
CO20170008230 A2	20171031	CO20170008230	20170815
WO16116773 A1	20160728	WO2015IB00055	20150121

Priority:

WO2015IB00055 20150121

Probable Assignee: IVAN MAURICIO RAMIREZ GONZALEZ

Assignee(s): (std): FERNANDEZ BORJA MAURICIO RAUL ; RAMIREZ GONZALEZ IVAN MAURICIO

Assignee(s): IVAN MAURICIO RAMIREZ GONZALEZ ; MAURICIO RAUL FERNANDEZ BORJA

Inventor(s): (std): FERNANDEZ BORJA MAURICIO RAUL ; RAMIREZ GONZALEZ IVAN MAURICIO

Inventor(s): IVAN MAURICIO RAMIREZ GONZALEZ ; MAURICIO RAUL FERNANDEZ BORJA

Agent(s): MAURICIO JARAMILLO CAMPUZANO; ROMERO MIRANDA JOSE ANTONIO

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: METHOD OF AUTHENTICATION OF USERS IN DATA PROCESSING SYSTEMS

Abstract: A method of authentication of users in a data processing system is provided. The method includes a "Challenge" univocally associated with a user to be authenticated; processing the "Challenge" to generate an expected answer code, to be compared with an answer code that the user has to provide for authentication; encoding the generated "Challenge" for obtaining an image displayable through a display device; sending the image containing the "Challenge" to the user; displaying the image containing the "Challenge"; through a user device provided with an image-capturing device, optically capturing the displayed image; through the user device, processing the captured image for extracting from the captured image the "Challenge", and subsequently processing the obtained "Challenge" for generating the answer code; receiving the answer code from the user and comparing it to the expected answer code; and, in case of positive comparison, authenticating the user. One among the actions of generating a "Challenge" and an expected answer code, and the action of processing the captured image that generates the answer code exploit secret information univocally associated with the user.

Classifications:

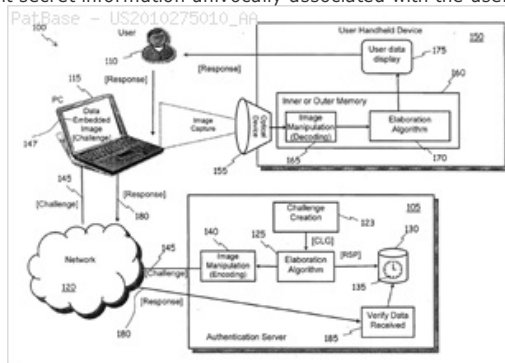
International (IPC 8-9): G06C21/00 G06F21/35 G06F21/36 H04L29/06 H04L9/32 (Advanced/Invention);

H04L29/06 (Core/Invention)

CPC: G06F21/35 G06F21/36 G06F2221/2103 H04L63/0838 H04L63/0853

European: G06F21/35 G06F21/36 H04L63/08D1 H04L63/08E S06F221/2103

US: 713/155 713/155P 726/5 726/5S

**Family:**

Publication number	Publication date	Application number	Application date
BRPI0722174 A2	20140401	BR2007PI22174	20071030
CN101897165 A	20101124	CN200780101902	20071030
CN101897165 B	20130612	CN200780101902	20071030
DE602007034729 D1	20140220	DE200760034729T	20071030
EP2220840 A1	20100825	EP20070858853	20071030
EP2220840 B1	20140108	EP20070858853	20071030
ES2456815 T3	20140423	ES20070858853T	20071030
US2010275010 AA	20101028	US20070740966	20071030
US8407463 BB	20130326	US20070740966	20071030
WO09056897 A1	20090507	WO2007IB03283	20071030

Priority:

EP20070858853 20071030 WO2007IB03283 20071030

Probable Assignee: TELECOM ITALIA SPA

Assignee(s): (std): GHIRARDI MAURIZIO ; TELECOM ITALIA SPA

Assignee(s): TELECOM ITALIA S P A

Inventor(s): (std): GHIRARDI MAURIZIO ; MAURIZIO GHIRARDI

Agent(s): BOEHMERT AND BOEHMERT ANWALTSPARTNERSCHAFT MBB PATENTANWALTE RECHTSANWALTE; MACCALLI MARCO; PONTI ADELAIDA; BANNER AND WITCOFF LTD; MACCALLI MARCO ET AL

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: SYSTEM AND METHOD FOR PERSONAL AUTHENTICATION USING A MOBILE DEVICE

Abstract: A system and method is for personal authentication with respect to a service provider using a mobile device. The method includes providing the user of the mobile device (2) with a two-dimensional code (1), the information contained in a two-dimensional code (1) including encrypted original data which includes an encrypted session key for certifying the user with respect to the service provider; the mobile device (2) obtaining an image containing the two-dimensional code (1) via an image capturing system; the mobile device (2) obtaining the two-dimensional code (1) from the image; the two-dimensional code (1) being converted into a character code. The mobile device (2) obtains the original data including the dynamic session key for authenticating the user before the service provider from the character code, by applying a decryption process.

Classifications:

International (IPC 8-9): G06F21/20 G06F21/31 G06K9/00 G06K9/18 G06K9/20 G06K9/36 G06Q20/32 G06Q30/00 H04L29/06 H04L9/08 H04L9/32 H04W12/00 H04W12/02 H04W12/06 (Advanced/Invention); G06Q30/00 (Core/Invention)

International (IPC 1-7): G06K9/00

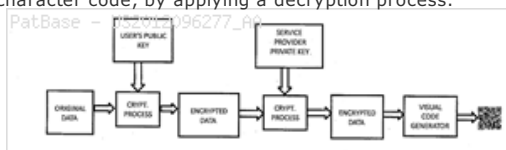
CPC: H04W12/00 H04W12/06 G06Q20/3274 G06Q20/3276

H04L9/0825 H04L9/3226 H04L63/0492 H04L2209/56 H04L2209/80

G06K9/18 H04L63/0838

European: G06Q20/3274 G06Q20/3276 H04L63/04B16 H04L9/08F2D H04L9/32J H04W12/06 T04L209/56 T04L209/80

US: 713/176 713/176S 713/179 713/179S



Family:

Publication number	Publication date	Application number	Application date
AR076339 AA	20110601	AR2010P101300	20100420
AU2010240822 AA	20101028	AU20100240822	20100419
AU2010240822 BB	20141030	AU20100240822	20100419
CA2759414 AA	20101028	CA20102759414	20100419
CN102461229 A	20120516	CN201080024864	20100419
EP2424282 A1	20120229	EP20100766674	20100419
EP2424282 A4	20170927	EP20100766674	20100419
ES2381293 AA	20120524	ES20090001024	20090420
ES2381293 BA	20121107	ES20090001024	20090420
IN07556CN2011 A	20130503	IN2011CN07556	20111018
JP2012524493 T2	20121011	JP20120506536T	20100419
JP5592477 B2	20140917	JP20120506536T	20100419
KR20120017044 A	20120227	KR20117027326	20100419
MX2011011038 A1	20111216	MX20110011038	20100419
RU2011147154 A	20130527	RU20110147154	20100419
US2012096277 AA	20120419	US20100265497	20100419
UY32564 A1	20101029	UY20100032564	20100420
WO10122190 A1	20101028	WO2010ES00168	20100419

Priority:

ES20090001024 20090420 WO2010ES00168 20100419

Probable Assignee: ALTER CORE SL

Assignee(s): (std): AIROSTEL CONSULTING S L ; ALTER CORE S L ; PEREZ SORIA JOSE MARIA

Assignee(s): ALTER CORE SL ; AIROSTEL CONSULTING SL

Inventor(s): (std): MARIA PEREZ SORIA JOSE ; PEREZ SORIA JOSE MARIA ; SORIA JOSE MARIA PEREZ

Inventor(s): JOSE MARIA PEREZ SORIA

Agent(s): SPRUSON AND FERGUSON; SIM AND MCBURNEY; CARVAJAL Y URQUIJO ISABEL; CARVAJAL Y ISABEL

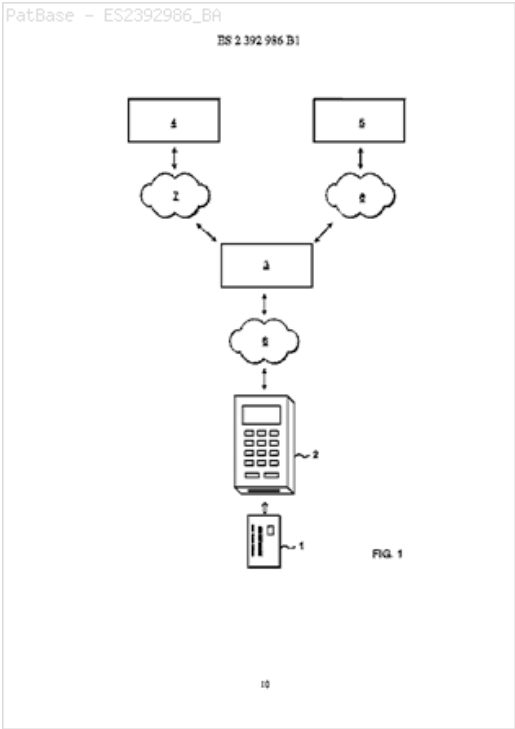
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: PROCEDIMIENTO PARA REALIZAR TRANSACCIONES ELECTRONICAS, MEDIOS DE PAGO ELECTRONICO Y MEDIOS DE COBRO ELECTRONICO CORRESPONDIENTES Procedure for electronic transactions, electronic payment AND ELECTRONIC MEDIA FOR RECOVERY (Machine translation)

Abstract: Source: ES2392986A [ES] Procedimiento para realizar transacciones electronicas, medios de pago electronico y medios de cobro electronico correspondientes. Los medios de cobro electronico (2) de un establecimiento inician un procedimiento de cobro en el que realizan las acciones de: obtener datos almacenados en unos medios de pago electronico (1) del cliente, enviar a un servidor de pagos (3) una peticion de autorizacion del pago y recibir de dicho servidor de pagos (3) una aceptacion o un rechazo del pago. El procedimiento de cobro comprende una etapa de comprobacion de clases de actividad, que consiste en obtener una clase de actividad del establecimiento a partir de unos datos previamente almacenados, obtener unas clases de actividad autorizadas, y/o no autorizadas para los medios de pago electronico (1) a partir de unos datos previamente almacenados, comprobar la correspondencia entre la clase de actividad y rechazar el pago en funcion del resultado de la comprobacion.

Machine translation: Procedure for electronic transactions, electronic payment and electronic payment corresponding media. Electronic media collection (2) Property initiate a recovery procedure in performing the acts of: obtaining data stored in electronic payment means (1) the client, send a payment server (3) a request payment authorization and receive payments from the server (3) an acceptance or rejection of payment. The recovery procedure includes a step of checking activity classes, that is to obtain a class of activity the business from a previously stored data, get some classes of authorized activity, and / or authorized for electronic payments (1) from a previously stored data, check correspondence between the type of activity and deny payment based on the result of the check.

Classifications:
International (IPC 8-9): G06Q20/00 (Advanced/Invention);
G06Q40/00 (Advanced/Non-invention)
CPC: G06Q20/00



Family:

Publication number	Publication date	Application number	Application date
ES2392986 AA	20121217	ES20120030749	20120518
ES2392986 BA	20131023	ES20120030749	20120518

Priority:
ES20120030749 20120518

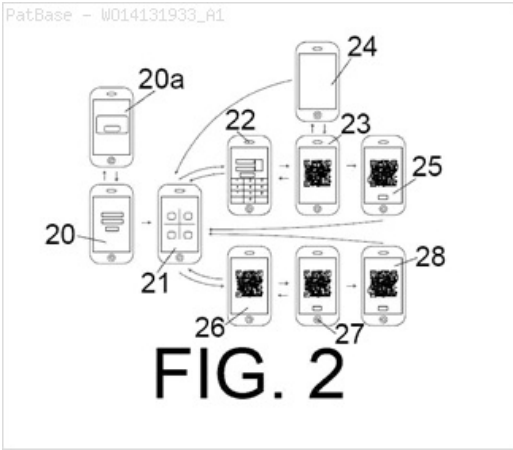
Probable Assignee: FABREGAS ALGARRA NORBERTO
Assignee(s): (std): FABREGAS ALGARRA NORBERTO ; MASIP ALVAREZ JOSE ALBERTO
Assignee(s): NORBERTO FABREGAS ALGARRA ; JOSE ALBERTO MASIP ALVAREZ
Inventor(s): (std): FABREGAS ALGARRA NORBERTO ; MASIP ALVAREZ JOSE ALBERTO
Inventor(s): NORBERTO FABREGAS ALGARRA ; JOSE ALBERTO MASIP ALVAREZ
Agent(s): CURELL MIREIA

Title: MOBILE DEVICE, SYSTEM AND METHOD FOR ELECTRONIC PAYMENT

Abstract: The invention concerns a method for computerized electronic payment, comprising at least the following steps: (i) emitting a code containing the information necessary for performing a financial transaction between an emitter and a receiver of said code; (ii) receiving by the receiver of the emitted code which contains the transaction data, such that the data contained in the emitted code are displayed for authorization thereof by the receiver; (iii) connection to the finance body of the receiver, the financial transaction data being communicated such that the payment to the emitter can be made once the latter has given authorization; and (iv) notifying, both of the receiver and of the emitter, that the payment has been made correctly, the purchasing process thus being terminated.

Classifications:

International (IPC 8-9): G06Q20/00 G06Q30/00 (Advanced/Invention)
CPC: G06Q20/3276



Family:

Publication number	Publication date	Application number	Application date
ES2430738 AB	20131121	ES20130030285	20130228
ES2430738 BA	20150811	ES20130030285	20130228
ES2430738 R2	20141023	ES20130030285	20130228
WO14131933 A1	20140904	WO2014ES70154	20140228

Priority:

ES20130030285 20130228

Probable Assignee: SARSA EZQUERRA GEMMA

Assignee(s): (std): BOSCH HUGUET JAUME ; SARSA EZQUERRA GEMMA

Assignee(s): GEMMA SARSA EZQUERRA ; JAUME BOSCH HUGUET

Inventor(s): (std): BOSCH HUGUET JAUME ; SARSA EZQUERRA GEMMA

Inventor(s): JAUME BOSCH HUGUET

Agent(s): ISERN JORGE; ISERN JARA JORGE

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Search history

Search PN=(WO2016116773) (Results 1)

1:

Search [SP]: system for the acquisition of electronic services and/or products using electronic messages système d'acquisition de produits et/ou services électroniques faisant intervenir des messages électroniques sistema par adquisicion de productos y/o servicios electronicos que emplea mensajes electronicos the invention relates to a system for the acquisition of electronic services and/or products using electronic messages, comprising: at least a plurality of devices for receiving/sending instructions, wherein each of the devices for receiving/sending instructions is for generating an instruction of the selection carried out by an initial user of said system and sending same to an instruction-processing server for the processing thereof an instruction-processing server for receiving and processing the selection instruction of the initial user in order to generate an assigning instruction and send same to an assigning server an assigning server for receiving and processing the assigning instruction of the instruction-processing server, generating a sending instruction that is dealt with by the electronic message-sending device a plurality of the final user devices, wherein each of the devices is managed by a final user, which receives an electronic message from the electronic message-sending device and a plurality of servers providing products and/or services, into which the final user introduces information contained in the electronic message received in the final user device via an access portal available in each of said servers providing products and/or services, in order to be able to have access to the requested electronic service and/or product. la presente invention concerne un système d'acquisition de produits et/ou services électroniques faisant intervenir des messages électroniques, comprenant au moins une pluralité de dispositifs de réception/envoi d'instructions, chacun de ces dispositifs de réception/envoi d'instructions étant chargé de générer une instruction de la sélection réalisée par un utilisateur initial du présent système et de l'envoyer à un serveur de traitement d'instructions en vue de son traitement un serveur de traitement d'instructions destiné à recevoir et traiter l'instruction de sélection de l'utilisateur initial pour générer et envoyer une instruction d'attribution à un serveur d'attribution un serveur d'attribution destiné à recevoir et traiter l'instruction d'attribution du serveur de traitement d'instructions, générant une instruction d'envoi mise en oeuvre par le dispositif d'envoi de messages électroniques une pluralité de dispositifs d'utilisateur final, chacun de ces dispositifs étant manipulé par un utilisateur final, lequel reçoit un message électronique en provenance du dispositif d'envoi de messages électroniques ainsi qu'une pluralité de serveurs fournisseurs de produits et/ou services, dans lesquels l'utilisateur final entre les informations contenues dans le message électronique reçu dans le dispositif d'utilisateur final, via un portail d'accès disponible sur chacun desdits serveurs fournisseurs de produits et/ou services, en vue de pouvoir accéder au produit et/ou service électronique demandé. la presente invencion se encuentra relacionada con un sistema para adquisicion de productos y/o servicios electronicos que emplea mensajes electronicos que comprende al menos una pluralidad de dispositivos de recepcion/envio de instrucciones, en donde cada uno de los dispositivos de recepcion/envio de instrucciones se encarga de generar y enviar una instruccion de la seleccion que ha realizado un usuario inicial del presente sistema a un servidor de procesamiento de instrucciones para su procesamiento un servidor de procesamiento de instrucciones, que se encarga de recibir y procesar la instruccion de seleccion del usuario inicial para generar y enviar una instruccion de asignacion a un servidor de asignacion un servidor de asignacion que se encarga de recibir y procesar la instruccion de asignacion del servidor de procesamiento de instrucciones, generando una instruccion de envio que es atendida por el dispositivo de envio de mensajes electronicos una pluralidad de dispositivos de usuario final, en donde cada uno de los dispositivos es manejado por un usuario final, el cual recibe un mensaje electronico proveniente del dispositivo de envio de mensajes electronicos y, una pluralidad de servidores proveedores de productos y/o servicios, a los que el usuario final ingresa informacion contenida en el mensaje electronico recibido en el dispositivo de usuario final a traves de un portal de acceso disponible en cada uno de dichos servidores proveedores de productos y/o servicios, para poder tener acceso al producto y/o servicio electronico solicitado. (Results 0)

Search [SP]: reivindicaciones 1. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, caracterizado porque comprende al menos una pluralidad de dispositivos de recepcion/envio de instrucciones, en donde cada uno de los dispositivos de recepcion/envio de instrucciones se encarga de generar y enviar una instruccion de la seleccion que ha realizado un usuario inicial del presente sistema a un servidor de procesamiento de instrucciones para su procesamiento un servidor de procesamiento de instrucciones, que se encuentra interconectado a cada uno de los dispositivos de recepcion/envio de instrucciones que conforman a la pluralidad de dispositivos de recepcion/envio de instrucciones, el cual se encarga de recibir y procesar la instruccion de seleccion del usuario inicial para generar y enviar una instruccion de asignacion a un servidor de asignacion un servidor de asignacion que se encuentra interconectado al servidor de procesamiento de instrucciones y a un dispositivo de envio de mensajes electronicos, el cual se encarga de recibir y procesar la instruccion de asignacion del servidor de procesamiento de instrucciones, generando una instruccion de envio que es atendida por el dispositivo de envio de mensajes electronicos una pluralidad de dispositivos de usuario final, en donde cada uno de los dispositivos de usuario final de la pluralidad de dispositivos es manejado por un usuario final, el cual recibe un mensaje electronico proveniente del dispositivo de envio de mensajes electronicos y, una pluralidad de servidores proveedores de productos y/o servicios, a los que el usuario final ingresa informacion contenida en el mensaje electronico recibido en el dispositivo de usuario final a traves de un portal de acceso disponible en cada uno de dichos servidores proveedores de productos y/o servicios, para poder tener acceso al producto y/o servicio electronico solicitado. 2. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 1, caracterizado ademas porque la instruccion de seleccion depende del tipo de producto y/o servicio electronico que el usuario inicial requiera en ese momento y contiene informacion personal del usuario final que obtendra el producto y/o servicio electronico deseado, como puede ser su numero de telefono celular o su direccion de correo electronico. 3. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 1, caracterizado ademas porque cada uno de los dispositivos de recepcion/envio de instrucciones que conforman a la pluralidad de dispositivos de recepcion/envio de instrucciones comprende todos aquellos componentes electronicos necesarios para la recepcion, procesamiento, generacion y envio de la instruccion de seleccion de un usuario inicial del presente sistema, asi como todos aquellos componentes electronicos necesarios para su interconexion con el servidor de procesamiento de instrucciones en donde, dentro de los componentes principales que conforman a cada uno de dichos dispositivos se encuentran al menos una fuente de poder y/o bateria un procesador una unidad de memoria tipo rom una unidad de memoria tipo ram una tarjeta de red un periferico de entrada y, un periferico de salida. 4. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 3, caracterizado ademas porque los dispositivos de recepcion/envio de instrucciones que conforman a la pluralidad de dispositivos de recepcion/envio de instrucciones se seleccionan de entre computadoras, telefonos celulares, tabletas, cajeros automaticos y/o terminales punto de venta. 5. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 1, caracterizado ademas porque dentro de los componentes electronicos principales que conforman al servidor de procesamiento de instrucciones se encuentran al menos una fuente de poder y/o bateria un procesador una unidad de memoria tipo rom una tarjeta de red un periferico de entrada y, un periferico de salida. 6. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 1, caracterizado ademas porque dentro de los componentes electronicos principales que conforman al servidor de asignacion se encuentran al menos una fuente de poder y/o bateria un procesador una unidad de memoria tipo rom una unidad de memoria tipo ram una tarjeta de red un periferico de entrada y, un periferico de salida. 7. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 6, caracterizado ademas porque en la memoria tipo rom de dicho servidor de asignacion se encuentran almacenados en una primera seccion, una pluralidad de codigos activos de los distintos productos y/o servicios electronicos ofrecidos en dicho sistema para adquisicion de productos y/o servicios electronicos que emplea mensajes electronicos y, en una segunda seccion de dicha memoria tipo rom, se encuentran almacenados una pluralidad de formatos de mensajes electronicos que dependen de los productos y/o servicios electronicos ofrecidos y que contienen informacion sobre como hacer uso de los codigos activos de la primera seccion de dicha memoria tipo rom, los cuales se encuentran asociados con los productos y/o servicios electronicos adquiridos. 8. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 1, caracterizado ademas porque el dispositivo de envio de mensajes electronicos recibe la instruccion de envio del servidor de asignacion, la procesa y genera un mensaje electronico que es enviado a un dispositivo de usuario final de la pluralidad de dispositivos de usuario final, el cual corresponde al dispositivo asociado con el numero de telefono celular o con la direccion de correo electronico que proporciono el usuario seleccionador cuando solicito el producto y/o servicio electronico. 9. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 8, caracterizado ademas porque el mensaje electronico que envia dicho dispositivo de envio de mensajes electronicos puede ser de tipo sms, mms, correo electronico o mediante algun programa electronico de mensajeria como whatsapp(r). 10. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 9, caracterizado ademas porque el dispositivo de envio de mensajes electronicos comprende un modem multi-puerto para envio masivo de mensajes a traves de la red celular, en donde dichos mensajes pueden ser de tipo sms o a traves de algun programa electronico de mensajeria como whatsapp(r). 11. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 9, caracterizado ademas porque dicho dispositivo de envio de mensajes electronicos comprende una computadora, configurada para el envio de mensajes electronicos tipo correo electronico a traves de internet. 12. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 1, caracterizado ademas porque los dispositivos que conforman la pluralidad de

dispositivos de usuario final cuentan con todos los componentes necesarios para la recepcion y visualizacion del mensaje electronico enviado por el dispositivo de envio de mensajes electronicos dentro de los componentes electronicos principales que conforman a dichos dispositivos de usuario final se encuentran al menos una fuente de poder y/o bateria un procesador una unidad de memoria tipo rom una unidad de memoria tipo ram una tarjeta de red un periferico de entrada y, un periferico de salida. 3. 13.un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 1, caracterizado ademas porque cada uno de los servidores proveedores de productos y/o servicios de la pluralidad de servidores proveedores de productos y/o servicios cuenta con todos los componentes electronicos necesarios para que el usuario final pueda acceder a la informacion contenida en el mensaje electronico y pueda disponer del producto y/o servicio electronico deseado a traves de un portal de acceso ubicado dentro del servidor proveedor de producto y/o servicio dentro de los componentes electronicos principales que conforman a dichos servidores proveedores de productos y/o servicios se encuentran al menos una fuente de poder y/o bateria un procesador una unidad de memoria tipo rom una unidad de memoria tipo ram una tarjeta de red un periferico de entrada y, un periferico de salida. 14. un sistema para adquisicion de productos y/o servicios que emplea mensajes electronicos, de conformidad con la reivindicacion 1, caracterizado ademas porque dentro de los productos y/o servicios electronicos que se pueden adquirir a traves de dicho sistema se encuentra al menos: contenido digital multimedia diverso (fotos, videos, musica, libros), programas de computo, videojuegos, tiempo aire electronico para telefonos celulares, y/o bolsa de saldo para compra en tiendas electronicas. claims 1. a system for acquiring products and / or services that uses electronic messages, (Results 5)

Search electronic* and message* and (device* or apparatus* or equipment* or phone* or PC or PCs or computer*) and (recept* or receiv*) and 4: (send* or transmi*) and select* and proces* and server* and product* and (buy* or pay* or sell* or acqui*) (Results 102372)

Search 4 and RAM and ROM and batter* and network and memor* and (SMS or MMS or email) (Results 8843)
5:

Search 5 and (multimedia* or photo* or video* or audio* or music or book* or program* or software* or videogame* or games*) (Results 8843)
6:

Search 6 and IC = G06Q30/00 (Results 880)
7:

Search 7 and PD < 20150121 (Results 762)
8:

Search 8 and buy* and pay* and sell* (Results 312)
9:

Search 9 not advertis* (Results 49)
10:

US20080118257P	20081126	US20090150477P	20090206	US20090167555P	20090408
US20090167655P	20090408	US20090167556P	20090408	US20090186097P	20090611
US20090234024P	20090814	US20090246362P	20090928	CA20092744709	20091126
EP20090829824	20091126	US20090626640	20091126	US20100785879	20100524
US20110231822	20110913	US20110245325	20110926	US20110247620	20110928
US20110267851	20111006	US20110283468	20111027	US20110309196	20111201
US20110335014	20111222	US20110335147	20111222	US20120469705	20120511
US20130776564	20130225	US20130789570	20130307	US20140164548	20140127
US20150974521	20151218	US20160145415	20160503	CA20172744709	20170214

Probable Assignee: WIRELESS ENVIRONMENT LLC

Assignee(s): (std): GALLMEIER BRIAN JOHN ; HAIRE JAMES MICHAEL ; HILL ROBERT LAWRENCE ; LEVINE DAVID B ; MICHAEL RECKER ; STEWART WHITNEY HILTON ; WIRELESS ENVIRONMENT LLC ; PETERSEN MATTHEW LACEY ; NIPE MARK ANDREW ; WIRELESS LIGHTING TECHNOLOGIES LLC ; RECKER MICHAEL V ; WIRELESS ENV LLC ; BATES MICHAEL RICHARD ; CREWS TERESA MARIE ; DAVID LEVINE ; EFUNDS CORP

Assignee(s): GALLMEIER BRIAN J ; DIRECTOR OF DEVELOPMENT OF STATE OF OHIO ; CITIZENS BANK N A

Inventor(s): (std): STEWART WHITNEY HILTON ; PETERSEN MATTHEW LACEY ; NIPE MARK ANDREW ; HILL ROBERT LAWRENCE ; HAIRE JAMES MICHAEL ; GALLMEIER BRIAN JOHN ; CREWS TERESA MARIE ; BATES MICHAEL RICHARD ; RECKER MICHAEL V ; LEVINE DAVID B ; GALLMEIER BRIAN J

Inventor(s): MICHAEL V RECKER ; DAVID B LEVINE

Agent(s): A J PARK; AJ PARK; SMART AND BIGGAR; NAISMITH ROBERT STEWART; MCGLASHAN GRAHAM STEWART; FURUYA SATOSHI; MIZOBE TAKAHIKO; AMIN TUROCY AND CALVIN LLP; FIS FINNEGAN HENDERSON FARABOW GARRETT AND DUNNER LLP; MICHAEL BEST AND FRIEDRICH LLP; FINNEGAN HENDERSON FARABOW GARRETT AND DUNNER; FINNEGAN HENDERSON FARABOW GARRETT AND DUNNER L L P; FINNEGAN HENDERSON FARABOW GARRETT AND DUNNER LLP; TUROCY GREGORY

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: METHOD FOR CONTROLLING POWER USAGE OF A REPORTING **DEVICE**

Abstract: A system and method for controlling power usage of a reporting **device** associated with an asset is disclosed. According to one embodiment, a method determines whether the reporting **device** is in a sleep mode or an active mode and in response to determining the reporting **device** is in the sleep mode, the method maintains the sleep mode and in response to determining a state change associated with the reporting **device**, the method powers up the reporting **device** to the active mode.

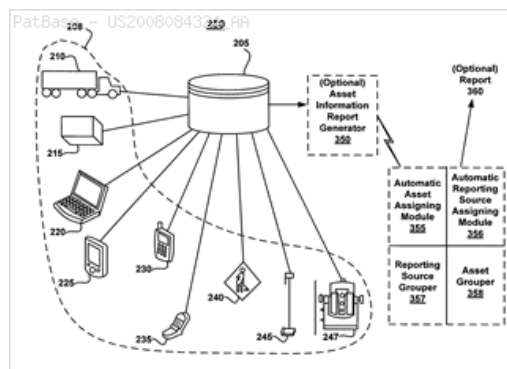
Classifications:

International (IPC 8-9): B60Q1/00 B60R25/02 B60R25/10 E05B67/38 G01N27/00 G01S3/02 G06F15/00 G06F15/16 G06F17/00 G06F17/30 G06F17/40 G06F19/28 G06F21/60 G06F3/00 G06F7/00 G06Q10/00 G06Q10/06 G06Q10/08 G06Q10/10 G06Q30/06 G06Q40/00 G06Q40/06 G06Q40/08 G06Q50/00 G06Q50/08 G07C3/00 G07C5/00 G07C5/08 G08B1/00 G08B1/08 G08B13/24 G08B21/00 G08B5/00 G08G1/123 H04L29/08 H04W24/00 (Advanced/Invention); B60R25/33 B60R25/34 G05D1/00 G06F15/16 G06F19/00 G06Q10/00 G06Q10/06 G06Q30/00 G07C5/00 G07C5/02 G08B13/14 G08G1/00 (Advanced/Non-invention); G06F15/00 G06F17/00 G06F17/30 G06F17/40 G06F3/00 G06F7/00 G06Q10/00 G06Q40/00 G06Q50/00 G08B1/00 G08B21/00 G08G1/123 (Core/Invention)

CPC: G06F17/30309 G06F17/30952 H04W4/021 G06Q10/087 G06F17/30386 G06Q10/0637 G06F3/00 G01N27/00 G06F17/30598 G06Q10/00 G08B13/2462 G06Q10/063 G07C5/006 G07C5/008 Y10T137/8158 G06F21/60 G06Q50/00 G06Q30/0645 G06Q40/06 G06Q10/10 Y02P90/82 G07C5/08 G06Q40/08 G06Q50/08 G07C3/00 G08G1/20 G06F19/3418 G06Q10/06 Y02P90/86

European: G06F17/30S1V G06F17/30S8R2 G06F17/30Z1D G06Q10/00 G06Q10/06 G06Q10/063 G06Q10/087 G06Q10/08E G06Q10/10 G06Q30/0645 G06Q40/06 G06Q40/08 G06Q50/08 G07C3/00 G07C5/00T G07C5/08 G08B13/24B5T H04W4/02G S07C3/00 S07C5/00M S07C5/00T S08G1/20 T04W4/02G

US: 1/1 1/P 137/551 340/426.15 340/426.22 340/439 340/439S 340/505 340/506 340/517 340/539.1 340/539.11 340/539.13 340/539.3 340/568.1 340/572.1 340/572.100S 340/6.1 340/679 340/679P 340/693.3 340/8.1 340/825.36 340/825.49 340/989 340/989P 340/990 340/990P 340/992 342/457 455/41.2 455/41.200S 455/422.1 455/422.100S 455/456.1 455/95 455/95S 701/1 701/207 701/207S 701/29 701/29S 701/31.4 701/31.400S 701/468 701/50 701/50S 702/188 702/188P 702/22 705/1 705/28 705/28P 705/342 705/342P 705/36.00RP 705/36R 705/7 705/7.11 705/7.110P 705/7.36 705/7P 707/102 707/104.1 707/609 707/736 707/737 707/783 707/999.102 707/999.107 707/999.107S 707/E17.005 707/E17.005S 707/E17.037 707/E17.037S 707/E17.044 715/700 715/700P



Family:

Publication number	Publication date	Application number	Application date
CN102968680 A	20130313	CN201210151304	20120515
CN102968680 B	20170524	CN201210151304	20120515
DE102012207793 A1	20121122	DE201210207793	20120510
US2008084324 AA	20080410	US20070801089	20070507
US2008084332 AA	20080410	US20070801088	20070507
US2008084333 AA	20080410	US20070801091	20070507
US2008084334 AA	20080410	US20070801041	20070507
US2008086320 AA	20080410	US20070801017	20070507
US2008086321 AA	20080410	US20070801019	20070507
US2008086322 AA	20080410	US20070801077	20070507
US2008086323 AA	20080410	US20070801101	20070507
US2008086349 AA	20080410	US20070901554	20070917
US2008086391 AA	20080410	US20070801090	20070507
US2008086427 AA	20080410	US20070801014	20070507
US2008086428 AA	20080410	US20070801092	20070507
US2008086497 AA	20080410	US20070801061	20070507
US2008086508 AA	20080410	US20070801060	20070507
US2008086509 AA	20080410	US20070801093	20070507
US2008086685 AA	20080410	US20070801116	20070507
US2011282631 AA	20111117	US20110108903	20110516
US2013191417 AA	20130725	US20130797244	20130312
US2013204753 AA	20130808	US20130797303	20130312
US2013304545 AA	20131114	US20130797193	20130312
US2014052384 AA	20140220	US20130064057	20131025
US2014149416 AA	20140529	US20140171414	20140203
US7898403 BB	20110301	US20070801088	20070507
US8004397 BB	20110823	US20070801091	20070507
US8255358 BB	20120828	US20070801060	20070507
US8600932 BB	20131203	US20110108903	20110516
US8645176 BB	20140204	US20070801019	20070507
US8666936 BB	20140304	US20070801093	20070507
US8965841 BB	20150224	US20070801077	20070507
US9041561 BB	20150526	US20070801089	20070507
US9111234 BB	20150818	US20070801061	20070507
US9298803 BB	20160329	US20140171414	20140203
US9519876 BB	20161213	US20070801092	20070507
US9536405 BB	20170103	US20070901554	20070917
US9639146 BB	20170502	US20130064057	20131025
US9747329 BB	20170829	US20070801101	20070507
US9747571 BB	20170829	US20070801017	20070507
US9753970 BB	20170905	US20130797244	20130312
US9760851 BB	20170912	US20130797193	20130312
US9773222 BB	20170926	US20070801014	20070507

US9811949 BB	20171107	US20070801041	20070507
US9928477 BB	20180327	US20130797303	20130312

Priority:

US20060850106P	20061005	US20070801014	20070507	US20070801041	20070507
US20070801017	20070507	US20070801019	20070507	US20070801060	20070507
US20070801089	20070507	US20070801088	20070507	US20070801091	20070507
US20070801090	20070507	US20070801061	20070507	US20070801077	20070507
US20070801092	20070507	US20070801093	20070507	US20070801116	20070507
US20070801101	20070507	US20070901554	20070917	US20110108903	20110516
US20130797244	20130312	US20130797303	20130312	US20130797193	20130312
US20130064057	20131025	US20140171414	20140203		

Probable Assignee: TRIMBLE INC

Assignee(s): (std): BALLEW PAUL ; CONQUEST CURT ; EGGERT DOUG ; FORREST MARK ; COOPER NICKI ; HOWARD CRAIG ; TAYLOR ARTHUR J ; RITTER MICHAEL ; MAYNARD KURT ; PETRIE ROBERT WILLIAM ; PETRIE ROB ; JANKY JAMES ; POLING DAVID GLEN ; LEE EMMELIN YUN TAI ; WALLACE DANIEL JOHN ; WALTON PAUL ; WALTER JEANIE ; TRIMBLE NAVIGATION LTD ; TRIMBLE INC ; WALLACE DANIEL

Assignee(s): TRIMBLE NAVIGATION LIMITED

Inventor(s): (std): BALLEW PAUL ; CONQUEST CURT ; COOPER NICKI ; EGGERT DOUG ; FORREST MARK ; HOWARD CRAIG ; LEE EMMELIN YUN TAI ; MAYNARD KURT ; PETRIE ROB ; POLING DAVID GLEN ; RITTER MICHAEL ; TAYLOR ARTHUR J ; WALLACE DANIEL J ; WALLACE DANIEL JOHN ; WALTON PAUL ; WALTER JEANIE ; WALLACE DANIEL ; PETRIE ROBERT WILLIAM ; JANKY JAMES

Agent(s): TRIMBLE NAVIGATION LIMITED C/O WAGNER BLECHER; TRIMBLE NAVIGATION C O WAGNER BLECHER LTD; KILPATRICK TOWNSEND AND STOCKTON LLP

Title: **PAYMENT** CARDS AND **DEVICES** OPERABLE TO **RECEIVE** POINT-OF-SALE ACTIONS BEFORE POINT-OF-SALE AND FORWARD ACTIONS AT POINT-OF-SALE

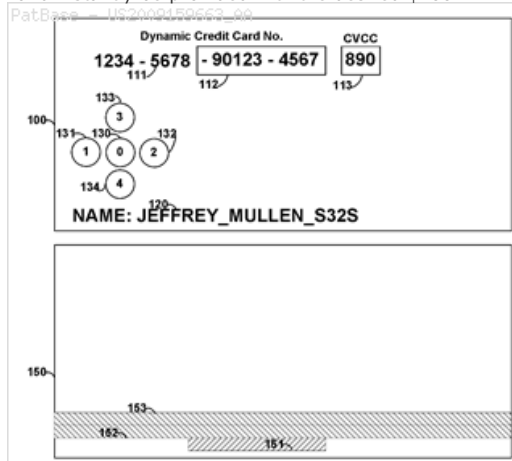
Abstract: A **payment** card or other **device** (e.g., mobile telephone) is provided with a magnetic emulator operable to communicate data to a magnetic stripe read-head. A user can utilize buttons located on the card to perform activities that would otherwise be performed at an ATM, **payment** card reader, or by a waitress. A user can provide instructions on a card to accelerate a transaction. The information a user enters can be communicated to a point-of-sale **device**. For example, a user can enter into his/her card that the user desires \$100 withdrawal from a checking account. The user can also enter his/her PIN into the card. The user can swipe his/her card into an ATM and instantly be provided with the desired \$100.

Classifications:

International (IPC 8-9): G06F17/00 G06F3/0488 G06K19/00 G06K19/02 G06K19/06 G06K19/07 G06K19/073 G06K19/077 G06K5/00 G06K7/00 G06K7/08 G06K7/10 G06Q20/18 G06Q20/20 G06Q20/34 G06Q20/38 G06Q20/40 G06Q30/00 G06Q30/02 G06Q30/06 G06Q40/00 G07D11/00 G07F19/00 G07F7/08 G07F7/10 H04Q5/22 (Advanced/Invention); G06K19/00 G06K19/06 G06K5/00 G06K7/08 G07F19/00 H04Q5/00 (Core/Invention)
CPC: G06Q20/341 G06K19/07 G06K19/07703 G06Q20/18 G06Q20/20 G06Q20/3415 G06Q20/352 G06Q20/385 G06Q30/0222 G06Q30/0241 G06Q30/0277 G06Q30/0641 G07F7/0806 G07F7/1008 G06K19/07707 G06K19/07705 G06K19/07749 G06Q20/34 G06K19/0725 G06K19/06187 G06K19/07766 G06K7/087 G06K19/0775 G06K19/0704 G06K19/0723 G06K19/07345 G06K7/084 G06K7/0004 G06F3/0488 G06K19/07769 G06K19/07773 G06K7/10297 G06Q20/401 G06K19/0702 G06K19/07709 G06K19/06206

European: G06K19/06M4 G06K19/07 G06K19/077A2 G06Q20/18 G06Q20/20 G06Q20/3415 G06Q20/352 G06Q20/385 G06Q30/0222 G06Q30/0241 G06Q30/0277 G06Q30/0641 G07F7/08A G07F7/10D

US: 1/1 235/375 235/379 235/379P 235/380 235/380P 235/380S 235/441 235/449 235/449P 235/449S 235/451 235/487 235/487P 235/487S 235/488 235/488P 235/492 235/492P 235/493 235/493P 235/493S 235/494 340/10.1 340/10.100P 705/14.23 705/14.23 705/14.230P 705/14.4 705/14.400S 705/14.73 705/14.730P 705/27.1 705/27.100P 705/41



Family:

Publication number	Publication date	Application number	Application date
AU2008340226 AA	20090702	AU20080340226	20081224
AU2008340226 BB	20131031	AU20080340226	20081224
AU2014200516 AA	20140220	AU20140200516	20140130
AU2014200516 BB	20160421	AU20140200516	20140130
AU2016201777 AA	20160414	AU20160201777	20160321
AU2016201777 BB	20180315	AU20160201777	20160321
AU2018202281 AA	20180426	AU20180202281	20180329
AU2018202290 AA	20180426	AU20180202290	20180329
CA2710641 AA	20090702	CA20082710641	20081224
EP2235664 A2	20101006	EP20080865573	20081224
EP2235664 A4	20120229	EP20080865573	20081224
US2009159663 AA	20090625	US20080339098	20081219
US2009159667 AA	20090625	US20080339042	20081219
US2009159668 AA	20090625	US20080339045	20081219
US2009159669 AA	20090625	US20080339066	20081219
US2009159670 AA	20090625	US20080339069	20081219
US2009159671 AA	20090625	US20080339074	20081219
US2009159672 AA	20090625	US20080339091	20081219
US2009159673 AA	20090625	US20080339102	20081219
US2009159680 AA	20090625	US20080339043	20081219
US2009159681 AA	20090625	US20080339046	20081219
US2009159682 AA	20090625	US20080339093	20081219
US2009159688 AA	20090625	US20080339055	20081219
US2009159689 AA	20090625	US20080339078	20081219
US2009159690 AA	20090625	US20080339097	20081219
US2009159696 AA	20090625	US20080339041	20081219
US2009159697 AA	20090625	US20080339048	20081219
US2009159698 AA	20090625	US20080339051	20081219
US2009159699 AA	20090625	US20080339054	20081219
US2009159700 AA	20090625	US20080339058	20081219
US2009159701 AA	20090625	US20080339061	20081219
US2009159702 AA	20090625	US20080339065	20081219
US2009159703 AA	20090625	US20080339067	20081219
US2009159704 AA	20090625	US20080339071	20081219
US2009159705 AA	20090625	US20080339081	20081219
US2009159706 AA	20090625	US20080339082	20081219
US2009159707 AA	20090625	US20080339085	20081219
US2009159708 AA	20090625	US20080339086	20081219
US2009159709 AA	20090625	US20080339090	20081219
US2009159710 AA	20090625	US20080339094	20081219
US2009159711 AA	20090625	US20080339095	20081219
US2009159712 AA	20090625	US20080339101	20081219
US2009159713 AA	20090625	US20080339103	20081219
US2009160617 AA	20090625	US20080339092	20081219
US2011272465 AA	20111110	US20110186507	20110720
US2011272466 AA	20111110	US20110186835	20110720

US2011272467 AA	20111110	US20110187503	20110720
US2011272472 AA	20111110	US20110186468	20110720
US2011272473 AA	20111110	US20110186469	20110720
US2011272474 AA	20111110	US20110186497	20110720
US2011272475 AA	20111110	US20110186504	20110720
US2011272476 AA	20111110	US20110186526	20110720
US2011272477 AA	20111110	US20110186640	20110720
US2011272479 AA	20111110	US20110187454	20110720
US2011272480 AA	20111110	US20110187458	20110720
US2011272481 AA	20111110	US20110187465	20110720
US2011272482 AA	20111110	US20110187476	20110720
US2011272483 AA	20111110	US20110187487	20110720
US2011272484 AA	20111110	US20110187500	20110720
US2011276380 AA	20111110	US20110186765	20110720
US2011276381 AA	20111110	US20110187502	20110720
US2011276416 AA	20111110	US20110187495	20110720
US2011276436 AA	20111110	US20110186553	20110720
US2011276437 AA	20111110	US20110187492	20110720
US2011278364 AA	20111117	US20110187483	20110720
US2011282753 AA	20111117	US20110186598	20110720
US2012286037 AA	20121115	US20120557525	20120725
US2012318871 AA	20121220	US20120592509	20120823
US2013020396 AA	20130124	US20120627910	20120926
US2013282573 AA	20131024	US20130872557	20130429
US2013282575 AA	20131024	US20130918573	20130614
US2015186766 AA	20150702	US20150641414	20150308
US2016180209 AA	20160623	US20160055676	20160229
US2016239735 AA	20160818	US20160137096	20160425
US2016283837 AA	20160929	US20160173255	20160603
US2016307085 AA	20161020	US20160195264	20160628
US2016333529 AA	20161117	US20160225133	20160801
US2016342876 AA	20161124	US20160225065	20160801
US2016342877 AA	20161124	US20160225095	20160801
US2016342878 AA	20161124	US20160225122	20160801
US2016342879 AA	20161124	US20160225150	20160801
US2016342880 AA	20161124	US20160225473	20160801
US2017286817 AA	20171005	US20170583356	20170501
US2017300796 AA	20171019	US20170637305	20170629
US7784687 BB	20100831	US20080339055	20081219
US8011577 BB	20110906	US20080339078	20081219
US8020775 BB	20110920	US20080339103	20081219
US8074877 BB	20111213	US20080339058	20081219
US8286876 BB	20121016	US20110186507	20110720
US8302872 BB	20121106	US20110187454	20110720
US8382000 BB	20130226	US20080339086	20081219
US8413892 BB	20130409	US20080339082	20081219
US8424773 BB	20130423	US20110186835	20110720
US8459548 BB	20130611	US20110187492	20110720
US8485437 BB	20130716	US20110186765	20110720
US8517276 BB	20130827	US20080339045	20081219
US8608083 BB	20131217	US20110186526	20110720
US8668143 BB	20140311	US20110186553	20110720
US8733638 BB	20140527	US20110187500	20110720
US8875999 BB	20141104	US20130872557	20130429
US8881989 BB	20141111	US20110187487	20110720
US8973824 BB	20150310	US20080339095	20081219
US9004368 BB	20150414	US20110187503	20110720
US9010630 BB	20150421	US20080339085	20081219
US9361569 BB	20160607	US20080339042	20081219
US9384438 BB	20160705	US20110186469	20110720
US9547816 BB	20170117	US20120557525	20120725
US9639796 BB	20170502	US20080339048	20081219
US9684861 BB	20170620	US20080339101	20081219
US9697454 BB	20170704	US20160055676	20160229
US9704088 BB	20170711	US20110186504	20110720
US9704089 BB	20170711	US20150641414	20150308
US9727813 BB	20170808	US20110186497	20110720
US9805297 BB	20171031	US20110187502	20110720
WO09082760 A2	20090702	WO2008US88321	20081224
WO09082760 A3	20091230	WO2008US88321	20081224

Priority:

US20070016491	20071224	US20070016491P	20071224	US20080026846	20080207
US20080026846P	20080207	US20080027807	20080211	US20080027807P	20080211
US20080081003	20080715	US20080081003P	20080715	US20080086239	20080805
US20080086239P	20080805	US20080090423	20080820	US20080090423P	20080820
US20080097401	20080916	US20080097401P	20080916	US20080112766	20081109
US20080112766P	20081109	US20080117186	20081123	US20080117186P	20081123
US20080119366	20081202	US20080119366P	20081202	US20080120813	20081208
US20080120813P	20081208	US20080120813P	20081218	US20080339042	20081219
US20080339041	20081219	US20080339043	20081219	US20080339046	20081219
US20080339093	20081219	US20080339098	20081219	US20080339045	20081219
US20080339055	20081219	US20080339066	20081219	US20080339078	20081219
US20080339097	20081219	US20080339048	20081219	US20080339051	20081219

US20080339054	20081219	US20080339058	20081219	US20080339061	20081219
US20080339065	20081219	US20080339067	20081219	US20080339071	20081219
US20080339081	20081219	US20080339082	20081219	US20080339085	20081219
US20080339086	20081219	US20080339090	20081219	US20080339094	20081219
US20080339095	20081219	US20080339101	20081219	US20080339103	20081219
US20080339092	20081219	US20080339091	20081219	US20080339074	20081219
US20080339102	20081219	US20080339069	20081219	AU20080340226	20081224
WO2008US88321	20081224	US20110186468	20110720	US20110186497	20110720
US20110186469	20110720	US20110186504	20110720	US20110186526	20110720
US20110186640	20110720	US20110187454	20110720	US20110187458	20110720
US20110187465	20110720	US20110186507	20110720	US20110187476	20110720
US20110187487	20110720	US20110187500	20110720	US20110186835	20110720
US20110187503	20110720	US20110186765	20110720	US20110187502	20110720
US20110187495	20110720	US20110186553	20110720	US20110187492	20110720
US20110187483	20110720	US20110186598	20110720	US20120557525	20120725
US20120592509	20120823	US20120627910	20120926	US20130763833	20130211
US20130872557	20130429	US20130918573	20130614	AU20140200516	20140130
US20150641414	20150308	US20160055676	20160229	AU20160201777	20160321
US20160137096	20160425	US20160173255	20160603	US20160195264	20160628
US20160225133	20160801	US20160225095	20160801	US20160225122	20160801
US20160225065	20160801	US20160225473	20160801	US20160225150	20160801
US20170583356	20170501	US20170637305	20170629	AU20180202281	20180329
AU20180202290	20180329				

Probable Assignee: DYNAMICS INC

Assignee(s): (std): CLOUTIER BRUCE ; DYMANICS INC ; DYNAMICS INC ; KELLOGG RYAN ; LAMBETH DAVID ; MULLEN JEFFREY DAVID ; REUTZEL WILL ; YEN PHILIP ; MULLEN JEFFREY D

Inventor(s): (std): YEN PHILIP ; REUTZEL WILL ; MULLEN JEFFREY DAVID ; MULLEN JEFFREY D ; LAMBETH DAVID ; KELLOGG RYAN ; KELLOG RYAN ; CLOUTIER BRUCE

Inventor(s): BRUCE CLOUTIER ; DAVID LAMBETH ; JEFFREY DAVID MULLEN ; PHILIP YEN ; RYAN KELLOGG ; WILL REUTZEL

Agent(s): FREEHILLS PATENT AND TRADE MARK ATTORNEYS; FREEHILLS PATENT ATTORNEYS; HERBERT SMITH FREEHILLS; FREEHILLS PATENT ATTORNEY S; FPA PATENT ATTORNEYS PTY LTD; BARNFATHER KARL JON; JEFFREY D MULLEN; ALDRIDGE JEFFREY C ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: CUSTOMIZING A DIGITAL CAMERA FOR A PLURALITY OF USERS

Abstract: A method for customizing a digital camera for at least one particular user is disclosed. The digital camera includes a reprogrammable **memory** for storing firmware which controls the operation of the digital camera and a camera graphical user interface responsive to the firmware stored in the reprogrammable **memory**. The method includes providing customization **software** executed external to the digital camera which can access a plurality of firmware components having different camera features. A user **selects** desired camera features to cause the customization **software** to access the corresponding firmware component(s). The **selected** corresponding firmware component(s) are provided to the digital camera and the reprogrammable **memory** is reprogrammed to store the corresponding firmware component(s) to thereby customize the digital camera.

Classifications:

International (IPC 8-9): B41B1/00 G03B17/18 G03B19/02 G06F17/30 G06F3/12 G06F9/445 G06Q30/00 G06Q30/06 G06Q40/02 G06Q99/00 G06T1/00 G06T3/40 H04N1/00 H04N1/21 H04N1/32 H04N5/222 H04N5/225 H04N5/232 H04N5/76 H04N5/91 H04N7/16 H04N7/173 (Advanced/Invention); G06Q30/06 H04N1/00 H04N1/32 H04N101/00 H04N5/225 H04N9/73 (Advanced/Non-invention); B41B1/00 G06F3/12 G06F9/445 G06K9/00 G06Q30/00 H04N1/00 H04N1/21 H04N5/225 H04N5/232 H04N5/76 H04N7/16 (Core/Invention); H04N1/32 (Core/Non-invention)

International (IPC 1-7): B41B1/00 G03B19/02 G06F13/00 G06F17/60 G06F9/445 G06T1/00 H04N1/21 H04N101/00 H04N5/222 H04N5/225 H04N5/232 H04N5/262 H04N5/91 H04N7/08 H04N7/16

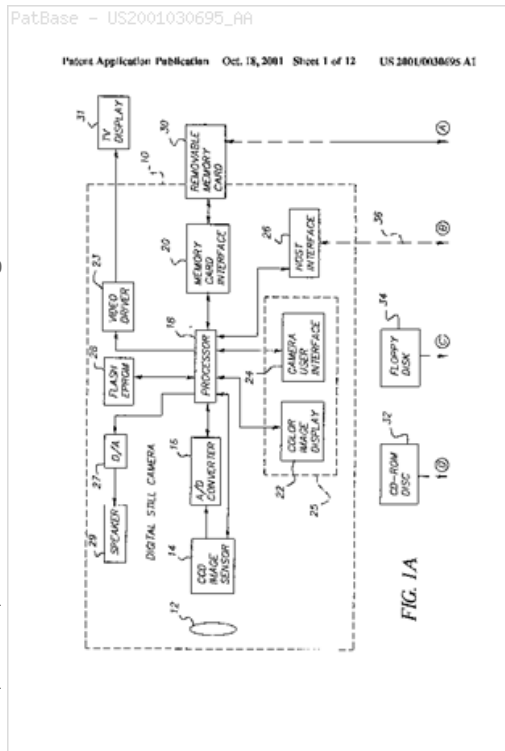
CPC: G06Q30/0613 H04N1/00145 H04N1/00151 H04N1/00175 H04N1/00965 H04N1/00503 H04N1/00509 H04N1/00973 H04N1/32122 H04N2201/0084 H04N1/32101 H04N1/32128 H04N2201/0077 H04N2201/3226 H04N2201/3273 H04N2201/3276 H04N2201/3278 H04N2201/0015 H04N2201/3229 H04N5/23216 H04N2201/3264 H04N5/77 H04N5/907 H04N9/8042 G06Q20/204 G06K9/0061 G06K9/209 H04N21/42676 H04N21/6175 H04N21/6587 H04N21/8153 H04N7/17318 G06F8/60 G06Q30/0603 H04N1/00135 H04N1/00167 H04N1/00177 H04N1/0018 H04N1/00193 H04N1/00204 H04N1/00244 H04N1/00283 H04N1/00291 H04N1/00299 H04N1/0097 H04N1/2112 H04N1/2158 H04N1/34 H04N5/232 H04N5/23225 H04N21/2542 H04N21/2543 H04N21/25891 H04N21/2743 H04N21/4223 H04N21/47815 H04N2201/0039 H04N2201/0074 G06Q30/06 G06Q30/0601 G06Q30/0621 G06Q30/0633 G06Q30/0641 G06Q40/02 H04N1/00137 H04N1/00148 H04N1/00188 H04N1/00798 H04N2101/00 H04N1/00161 G06T3/4092 H04N1/00172 H04N1/00132

European: G06F8/60 G06K9/0052 G06K9/20S G06Q20/204 G06Q30/06 G06Q30/0601 G06Q30/0603 G06Q30/0613 G06Q30/0621 G06Q30/0633 G06Q30/0641 G06Q30/06C G06Q40/02 H04N1/00C H04N1/00C2 H04N1/00C2A H04N1/00C2C H04N1/00C2D2 H04N1/00C2E H04N1/00C2E2 H04N1/00C2G H04N1/00C2H2 H04N1/00C2H3 H04N1/00C2H4 H04N1/00C2H5 H04N1/00C2R2 H04N1/00C2R4 H04N1/00C3 H04N1/00C3K H04N1/00C7B H04N1/00C7B3 H04N1/00C7B5 H04N1/00D11C H04N1/00D11P H04N1/00H2 H04N1/00W1 H04N1/00W3 H04N1/00W4 H04N1/21B3 H04N1/21B7 H04N1/32C15D H04N1/32C20 H04N1/34 H04N21/2543 H04N21/2547 H04N21/254S H04N21/258U3 H04N21/2743 H04N21/4223 H04N21/4788 H04N21/478S H04N5/232 H04N5/232G H04N5/232K H04N5/77 H04N5/907 H04N7/173B2 H04N9/804B T04N1/00C3 T04N1/32C T04N1/32C17 T04N101/00 T04N201/00C10 T04N201/00C11N1 T04N201/00C16 T04N201/00C2 T04N201/00J T04N201/00J4 T04N201/32C10 T04N201/32C4B T04N201/32C4B2F T04N201/32C5S T04N201/32C8 T04N201/32C9B

US: 348/207.01 348/207.1 348/207.100P 348/207.100S 348/207.2 348/207.99 348/207.990P 348/211.2 348/211.200P 348/211.6 348/211.99 348/223.1 348/231.2 348/231.3 348/231.300P 348/231.300S 348/231.6 348/231.600P 348/231.99 348/231.990P 348/232 348/233 348/239 348/239P 348/333.01 348/333.010S 348/333.02 348/333.020S 348/333.05 348/333.050S 348/333.11 348/333.110S 348/333.12 348/333.120S 348/552 348/E05.042 348/E07.071 348/E5.024 348/E5.042 348/E5.048 348/E5.024S 348/E5.042S 348/E5.048S 348/E7.071 358/1.15 358/1.150P 358/1.16 358/1.6 358/1.600S 358/518 358/527 358/527S 382/162 382/263 386/E5.067 386/E5.069 386/E5.067S 386/E5.069S 386/E9.013 386/E9.013S 396/310 396/311 396/319 396/321 455/414.1 705/1 705/1.1 705/17 705/26 705/26.1 705/26.100P 705/26.100S 705/26.41 705/26.410P 705/26.5 705/26.500P 705/26.8 705/26.800P 705/26.81 705/26P 705/26S 705/27 705/27.1 705/27.100P 710/62 717/174 717/174S 725/1 725/105 725/105P 725/114 725/115 725/133 725/141 725/153 725/1P

Family:

Publication number	Publication date	Application number	Application date
DE60009283 D1	20040429	DE20006009283	20000602
DE60009283 T2	20050310	DE20006009283T	20000602
DE60040304 D1	20081030	DE20006040304	20000602
DE60040933 D1	20090108	DE20006040933	20000602
EP1058450 A1	20001206	EP20000201797	20000522
EP1181809 A1	20020227	EP20000936486	20000602
EP1181809 B1	20040324	EP20000936486	20000602
EP1339213 A1	20030827	EP20030010349	20000602
EP1339213 B1	20081126	EP20030010349	20000602
EP1339214 A1	20030827	EP20030010350	20000602
EP1339214 B1	20080917	EP20030010350	20000602
JP2001024938 A2	20010126	JP20000165662	20000602
JP2003501896 T2	20030114	JP20010500545T	20000602
JP2009296634 A2	20091217	JP20090188339	20090817
JP4808301 B2	20111102	JP20000165662	20000602
JP5036774 B2	20120926	JP20090188339	20090817
US2001030695 AA	20011018	US20000736050	20001213
US2002054224 AA	20020509	US20010990500	20011121
US2003025811 AA	20030206	US20020215808	20020809
US2004172646 AA	20040902	US20040775003	20040209
US2004212700 AA	20041028	US20040850145	20040520
US2005102198 AA	20050512	US20040016598	20041217
US2005128302 AA	20050616	US20050044574	20050127



US2005185055 AA	20050825	US20000732558	20001208
US2005213146 AA	20050929	US20040016172	20041217
US2007103557 AA	20070510	US20060564988	20061130
US2007103723 AA	20070510	US20060613524	20061220
US2007107007 AA	20070510	US20060615060	20061222
US2007132854 AA	20070614	US20060566316	20061204
US2007132860 AA	20070614	US20060565749	20061201
US2007136142 AA	20070614	US20060549733	20061016
US2007157273 AA	20070705	US20070685823	20070314
US2011205373 AA	20110825	US20110102082	20110506
US2012011017 AA	20120112	US20110239007	20110921
US2012011022 AA	20120112	US20110238851	20110921
US2012054062 AA	20120301	US20110238725	20110921
US2012054063 AA	20120301	US20110238814	20110921
US2012054064 AA	20120301	US20110238924	20110921
US2012054074 AA	20120301	US20110238988	20110921
US2017126906 AA	20170504	US20160347259	20161109
US6903762 BB	20050607	US20000736050	20001213
US6937997 BA	20050830	US20000534469	20000324
US7019778 BA	20060328	US20000549356	20000414
US7024051 BB	20060404	US20000732558	20001208
US7111317 BA	20060919	US20000574950	20000519
US7158945 BA	20070102	US20000574985	20000519
US7231359 BB	20070612	US20040016598	20041217
US7260546 BB	20070821	US20040775003	20040209
US7304677 BB	20071204	US20020215808	20020809
US7408582 BB	20080805	US20040850145	20040520
US7509668 BB	20090324	US20050044574	20050127
US7586532 BB	20090908	US20060564988	20061130
US7587337 BA	20090908	US20000534471	20000324
US8046270 BB	20111025	US20060549733	20061016
US8589241 BB	20131119	US20060613524	20061220
US8612308 BB	20131217	US20110238924	20110921
US8698903 BB	20140415	US20110102082	20110506
US8754948 BB	20140617	US20010990500	20011121
US9497333 BB	20161115	US20110238851	20110921
WO0074370 A1	20001207	WO2000US15422	20000602

Priority:

US19990137094P	19990602	US19990137078P	19990602	US20000534469	20000324
US20000534471	20000324	US20000534470	20000324	US20000549356	20000414
US20000574950	20000519	US20000574985	20000519	EP20000936486	20000602
EP20000936486	20000602	JP20000165662	20000602	WO2000US15422	20000602
US20000732558	20001208	US20000736050	20001213	US20010990500	20011121
US20020215808	20020809	US20040775003	20040209	US20040850145	20040520
US20040016598	20041217	US20040016172	20041217	US20050044574	20050127
US20060549733	20061016	US20060564988	20061130	US20060565749	20061201
US20060566316	20061204	US20060613524	20061220	US20060615060	20061222
US20070685823	20070314	US20110102082	20110506	US20110238725	20110921
US20110238814	20110921	US20110239007	20110921	US20110238851	20110921
US20110238924	20110921	US20110238988	20110921	US20160347259	20161109

Probable Assignee: MONUMENT PEAK VENTURES LLC

Assignee(s): (std): INTELLECTUAL VENTURES FUND 83 LLC ; MILLER MICHAEL E ; MCINTYRE DALE F ; PARULSKI KENNETH A ; MCLNTYRE DALE F ; AKYUZ SU Y ; BRUMLOW WILLIAM C JR ; EASTMAN KODAK CO ; PRABHU GIRISH V ; WASULA JOHN L ; TINTERA ANTHONY L ; WILLAND CRAIG S ; WHITE JOEL ; WOLCOTT DANA W

Assignee(s): QUALEX INC ; EASTMAN KODAK COMPANY ; EASTMAN KODAK CO ROCHESTER ; EASTMAN KODAK INT CAPITAL CO INC ; FAR EAST DEVELOPMENT LTD ; FPC INC ; KODAK AMERICAS LTD ; BRUMLOW WILLIAM C ; CITICORP NORTH AMERICA INC AGENT AS ; CREO MFG AMERICA LLC ; NEW ZEALAND INST FOR PLANT AND FOOD RESEARCH LTD ; KODAK AVIATION LEASING LLC ; KODAK IMAGING NETWORK INC ; KODAK NEAR EAST INC ; KODAK PHILIPPINES LTD ; KODAK PORTUGUESA LTD ; KODAK REALTY INC ; LASER PACIFIC MEDIA CORP ; NPEC INC ; PAKON INC ; MONUMENT PEAK VENTURES LLC

Inventor(s): (std): TINTERA ANTONY L ; MUELLER MICHAEL E ; WHEELER RICHARD B ; PRABHU GIRISH V ; WASULA JOHN L ; TINTERA ANTHONY L ; WILLAND CRAIG S ; WHITE JOEL ; PARULSKI KENNETH A ; WASULA L ; TINTERA L ; BRUMLOW JR WILLIAM C ; BRUMLOW WILLIAM C JR ; MILLER MICHAEL E ; KEELAN BRIAN W ; MCINTYRE DALE F ; MCLNTYRE DALE F ; AKYUZ SU Y ; BRUMLOW WILLIAM C ; WOLCOTT DANA W

Inventor(s): AKYUZ SU ; BRUMLOW ; MCINTYRE DALE ; MILLER MICHAEL ; BRUMLOW WILLIAM CJR ; JR WILLIAM C ; PARULSKI KENNETH ; WOLCOTT DANA ; WASULA JOHN ; PRABHU GIRISH ; TINTERA ANTHONY

Agent(s): WEBER ETIENNE NICOLAS; PAMELA R CROCKER PATENT LEGAL STAFF; PATENT LEGAL STAFF, EASTMAN KODAK COMPANY; PATENT LEGAL STAFF EASTMAN KODAK CO; FRANK PINCELLI, PATENT LEGAL STAFF; FRANK PINCELLI PATENT LEGAL STAFF; PAMELA R CROKER PATENT LEGAL STAFF; CROCKER PAMELA R; PAMELA R; THOMAS J; FRANK; PINCELLI FRANK; SHAW STEPHEN H; STEPHEN H; EUGENE I

Designated states: AT BE CH CY DE DK ES FI FR GB GR IE IT JP LU MC NL PT SE US

Title: TRANSACTION **PROCESSING** METHOD, **APPARATUS** AND SYSTEM

Abstract: The present invention relates to transaction **processing**, for **processing** of **payments** between **payer**'s (usually individual **payers**) and **payee**'s (usually merchants). Conventionally, a **payment** transaction involves a user's account details being provided to a merchant **device**, e.g. by swiping a card in the card swipe of the merchant **device**. The merchant **device** then prepares a transaction **message** including information such as the user's account ID, merchant ID and **payment** information and forwards that **message** to a transaction **processing** system, which may comprise a transaction **acquirer** and an issuing bank. The transaction **processing** system approves the **payment** and returns confirmation to the merchant. In the present invention a **device** associated with the **payer**, which in a preferred embodiment is a suitably adapted mobile telephone, becomes involved in the **payment** transaction **process**. At one level, the transaction **processing** system requests from the **payer electronic device** confirmation that the transaction should proceed and the **payer** keys in an appropriate PIN to authorise the transaction. At another level, all the transaction **processing** information is provided from the **payer electronic device** to the transaction **processing** system and the transaction **processing** system or the **payer electronic device** then confirm that the transaction is authorised to the merchant **device**. This takes the burden of transaction **processing** off the merchant and also increases the security of the transaction as the **payer** is in control. In a further embodiment, the **payer electronic device** may also upload listings of **products** and **select products** at the same time as **paying** for them, the **payee** (merchant) being advised of the **selected product**.

Classifications:

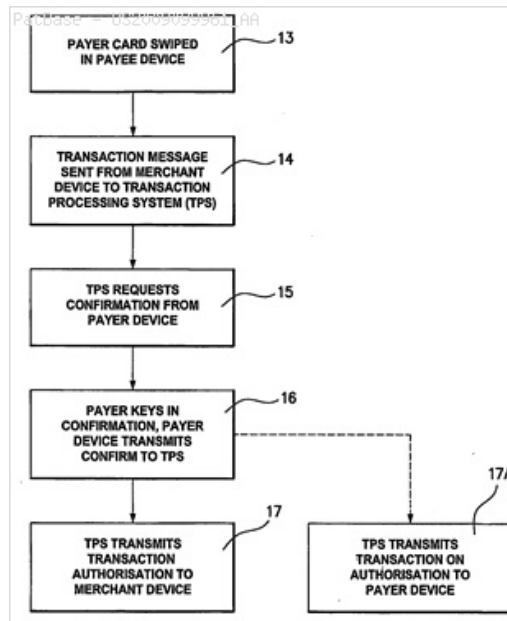
International (IPC 8-9): G06F9/445 G06Q10/00 G06Q20/00 G06Q20/08 G06Q20/12 G06Q20/16 G06Q20/30 G06Q20/32 G06Q20/34 G06Q20/38 G06Q20/40 G06Q20/42 G06Q30/00 G06Q30/06 G06Q40/00 H04M11/08 (Advanced/Invention); H04L12/16 H04W4/00 (Advanced/Non-invention); G06F17/60 G06Q10/00 G06Q20/00 G06Q30/00 G06Q40/00 H04M11/08 (Core/Invention); G06F (Subclass/Invention)

International (IPC 1-7): G06F17/60

CPC: G06Q20/10 G06Q20/32 G06Q20/3276 G06Q20/08 G06Q20/12 G06Q20/40 G06Q20/085 G06Q20/4014 G06Q20/322

European: G06Q20/10 G06Q20/12 G06Q20/32 G06Q20/3276

US: 235/379 235/379S 705/35 705/38 705/39 705/39P 705/40 705/41 705/44

**Family:**

Publication number	Publication date	Application number	Application date
AU2005256142 AA	20060105	AU20050256142	20050624
AU2017276353 AA	20180118	AU20170276353	20171215
BRPI0512468 A	20080311	BR2005PI12468	20050624
CA2572227 AA	20061222	CA20052572227	20050624
CA2572227 C	20170307	CA20052572227	20050624
CN1989520 A	20070627	CN200580025166	20050624
EP1817729 A1	20070815	EP20050754386	20050624
EP1817729 A4	20101103	EP20050754386	20050624
IN00704DN2007 A	20070427	IN2007DN00704	20070125
NZ552892 A	20100528	NZ20050552892	20050624
SG10201404410X A1	20141030	SG20141004410	20050624
SG153867 A1	20090729	SG20090043662	20050624
TH80575 A	20061019	TH20051002954	20050627
US2009099961 AA	20090416	US20050630553	20050624
US2014249995 AA	20140904	US20130014589	20130830
US2015186854 AA	20150702	US20150659899	20150317
US2016048824 AA	20160218	US20150925024	20151028
US2017083919 AA	20170323	US20160370364	20161206
US8543500 BB	20130924	US20050630553	20050624
WO06000021 A1	20060105	WO2005AU00902	20050624
ZA200700671 A	20081029	ZA20070000671	20050624

Priority:

AU20040903470	20040625	AU20040903997	20040719	AU20040904941	20040830
AU20050901230	20050314	AU20050256142	20050624	AU20050256142	20050624
WO2005AU00902	20050624	US20080630553	20080530	AU20130203552	20130410
US20130014589	20130830	US20150659899	20150317	AU20150215957	20150821
US20150925024	20151028	US20160370364	20161206	AU20170276353	20171215

Probable Assignee: IAN OGILVY

Assignee(s): (std): CHARLES OGILVY IAN ; IAN CHARLES OGILVY ; IAN OGILVY ; OGILVY IAN ; OGILVY IAN CHARLES

Inventor(s): (std): CHARLES OGILVY IAN ; OGILVY IAN CHARLES

Inventor(s): IAN CHARLES OGILVY ; OGILVY IAN

Agent(s): GRIFFITH HACK; OGILVY RENAULT LLP SENCRL SRL; NORTON ROSE FULBRIGHT CANADA LLP SENCRL SRL; DREW AND NAPIER LLC; MERCHANT AND GOULD PC

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ
DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE
KG KM KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO
NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US
UZ VC VN YU ZA ZM ZW

Title: METHOD OF CONTROLLING ITEM DELIVERY TO AN **ELECTRONIC** PARCEL LOCKER

Abstract: A system, **apparatus**, and method for use in delivery of items to a storage unit. The storage unit can include one or several storage **receptacles** and a control unit that controls and monitors the status of the one or several storage **receptacles**. The storage unit can be included in a storage unit system that can include one or several storage units and a central control unit. The central control unit can communicate with the one or several storage units, and can **receive** status and availability updates from the one or several storage units.

Classifications:

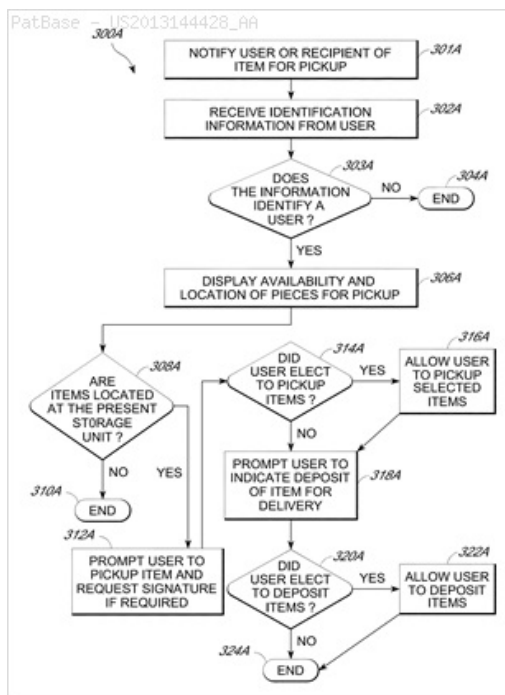
International (IPC 8-9): A47B77/00 B60R25/00 B65G1/02 B65G1/04 E05C7/06 G05B19/00 G05D3/00 G06F17/00 G06F19/00 G06F7/00 G06Q10/08 G06Q30/00 G07F17/10 G07F17/12 G07F7/08

G08B5/22 (Advanced/Invention)

CPC: G06F17/00 G07F7/08 G07F17/10 G05D3/00 B65G1/0485

G06Q10/0836 G07F17/12 A47B95/008

US: 1/1 700/214 700/218 700/237



Family:

Publication number	Publication date	Application number	Application date
AU2012347950 AA	20130613	AU20120347950	20121205
AU2012347950 BB	20160211	AU20120347950	20121205
AU2016202920 AA	20160526	AU20160202920	20160506
AU2016202920 BB	20180322	AU20160202920	20160506
CA2855757 AA	20140512	CA20122855757	20121205
CA2923342 AA	20130613	CA20122923342	20121205
CA2923344 AA	20130613	CA20122923344	20121205
CN104106041 A	20141015	CN201280069074	20121205
CN104106041 B	20180427	CN201280069074	20121205
CN107590904 A	20180116	CN201710811835	20121205
CN107644492 A	20180130	CN201710811109	20121205
EP2788859 A1	20141015	EP20120855458	20121205
EP2788859 A4	20150708	EP20120855458	20121205
EP2913804 A1	20150902	EP20150162411	20121205
EP2940663 A1	20151104	EP20150162408	20121205
US2013144428 AA	20130606	US20120706234	20121205
US2013166060 AA	20130627	US20120706255	20121205
US2013166067 AA	20130627	US20120706281	20121205
US2017300068 AA	20171019	US20170638198	20170629
US2017300069 AA	20171019	US20170638244	20170629
US9052992 BB	20150609	US20120706255	20121205
US9223315 BB	20151229	US20120706234	20121205
US9733647 BB	20170815	US20120706281	20121205
US9958877 BB	20180501	US20170638198	20170629
WO13086039 A1	20130613	WO2012US68020	20121205

Priority:

US20110567048P	20111205	AU20120347950	20121205	CA20122855757	20121205
CN201280069074	20121205	US20120706234	20121205	US20120706255	20121205
US20120706281	20121205	WO2012US68020	20121205	EP20120855458	20121205
CA20162855757	20160316	CA20162855757	20160318	AU20160202920	20160506
US20170638198	20170629	US20170638244	20170629		

Probable Assignee: UNITED STATES POSTAL SERVICE

Assignee(s): (std): UNITED STATES POSTAL SERVICE ; US POSTAL SERVICE ; US POSTAL SERVICES ; UNITED STATES POSTAL SERVICE

Assignee(s): UNITED STATES POSTAL SERVICE475 L'ENFANT PLAZA, #6443WASHINGTONDC20260-1135US ; UNITED STATES POSTAL SERVICES ; AMATO MICHAEL J ; IRWIN DONALD E ; MCKENZIE NAN K ; STEPHEN VICTORIA K ; TARTAL WILLIAM A

Inventor(s): (std): AMATO MICHAEL J ; AMATO MICHAEL J ; IRWIN DONALD E ; IRWN DONALD E ; MCKENZE NAN K ; MCKENZIE NAN K ; STEPHEN VICTORIA K ; STEPHEN VICTORIA K ; TARTAL WILLIAM A ; TARTAL WILLIAM A ; STEPHEN VICTORIA

Inventor(s): TARTAL WILLIAM AUS ; STEPHEN VICTORIA KUS ; MCKENZIE NAN KUS ; IRWIN DONALD EUS ; AMATO

MICHAEL JUS

Agent(s):

DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; ROBIC; BREVALEX; KNOBBE MARTENS
OLSON AND BEAR LLP; MILLER KIMBERLY J

Designated states:

AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR
CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID
IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR
MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK
SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: COUPON OFFERS FROM MULTIPLE ENTITIES

Abstract: Offers from multiple entities provide an incentive for consumers to behave in a manner that is beneficial to the offer provider. Each offer is associated with rules that establish conditions that must be met for the offer to be valid. For example, a rule may be established to promote the use of a specific form of **payment**, such as a particular credit card. Thus, the offer would only be valid if the consumer paid for the merchandise using the particular credit card. A merchant may generate its own offers or **receive** offers from a variety of sources (e.g., a **payment processing** organization, an issuer, or other external sources).

Classifications:

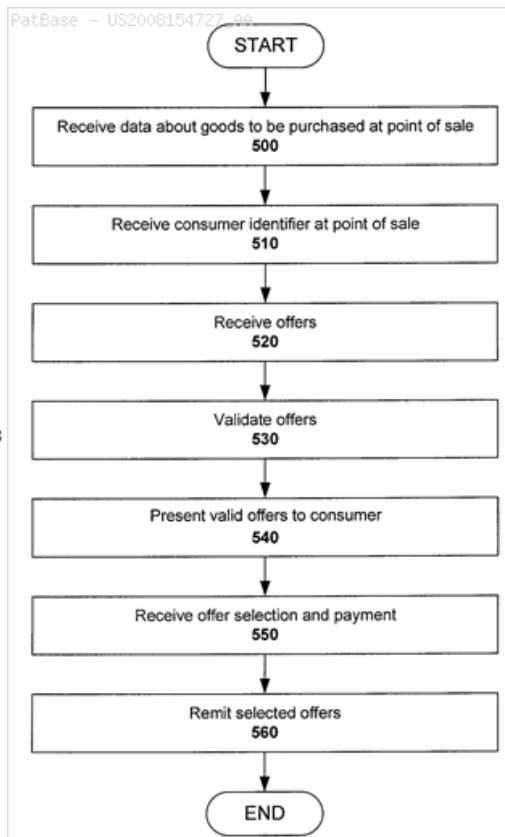
International (IPC 8-9): G01S5/00 G06F3/00 G06F9/44 G06K7/00 G06Q10/00 G06Q20/00 G06Q20/24 G06Q20/26 G06Q20/32 G06Q20/38 G06Q20/40 G06Q30/00 G06Q30/02 G06Q30/06 G06Q40/00 G06Q40/10 G06Q50/00 G06Q99/00 G07F7/00 G07G1/12 H04M1/00 H04M1/725 H04M11/00 H04M15/00 H04W12/06 H04W4/24 (Advanced/Invention);

G01S5/00 G06F3/00 G06F9/44 G06K7/00 G06Q10/00 G06Q20/00 G06Q30/00 G06Q40/00 G06Q50/00 G06Q99/00 G07F7/00 G07G1/12 H04M1/00 H04M1/72 H04M11/00 H04W4/24 (Core/Invention)

CPC: G06Q20/18 G06Q20/20 G06Q20/3278 G06Q20/387 G06Q30/0225 G06Q30/0239 G06Q20/10 G06Q20/3221 H04M15/00 H04M15/68 H04M15/8033 H04M15/83 H04M15/835 H04M15/84 H04M15/85 H04M15/851 H04M15/854 H04M2215/0196 H04M2215/7435 H04M2215/81 H04M2215/8104 H04M2215/8129 H04M2215/815 H04M2215/8166 G06Q30/06 G06Q30/0253 G06Q30/0238 G06Q20/3226 G06Q20/4012 G06Q20/385 G06Q20/04 G06Q20/3223 G06Q20/3255 G06Q40/00 G06Q40/02 G06Q20/32 G06Q20/40 H04W4/24 G06Q30/02 G06Q30/0215

European: G06Q20/04 G06Q20/10 G06Q20/18 G06Q20/20 G06Q20/32 G06Q20/3221 G06Q20/3223 G06Q20/3255 G06Q20/3278 G06Q20/385 G06Q20/387 G06Q20/40 G06Q30/02 G06Q30/0215 G06Q30/0225 G06Q30/0238 G06Q30/0239 G06Q30/06 G06Q40/00 G06Q40/02 H04M15/00 H04M15/68 H04M15/80F H04M15/83 H04M15/835 H04M15/84 H04M15/85 H04M15/85A H04M15/85D H04W4/24 H04W4/26 T04M215/01V T04M215/74E T04M215/81 T04M215/81A T04M215/81B T04M215/81C T04M215/81C4

US: 235/381 235/381S 455/412.2 455/412.200S 455/556.1 455/556.100S 705/1 705/1.1 705/1.100P 705/14 705/14.1 705/14.17 705/14.170S 705/14.26 705/14.260P 705/14.38 705/14.380P 705/14.39 705/14.390S 705/14.4 705/14.51 705/16 705/16P 705/17 705/35 705/44 705/44P 705/50 705/50P 705/72 719/313 719/318 719/318P

**Family:**

Publication number	Publication date	Application number	Application date
AU2007339916 AA	20080710	AU20070339916	20071221
AU2007339916 BB	20120412	AU20070339916	20071221
AU2007339930 AA	20080710	AU20070339930	20071221
AU2007339930 BB	20120524	AU20070339930	20071221
AU2007339976 AA	20080710	AU20070339976	20071221
AU2007339976 BB	20120531	AU20070339976	20071221
AU2007339987 AA	20080710	AU20070339987	20071221
AU2007339987 BB	20120524	AU20070339987	20071221
AU2007340015 AA	20080710	AU20070340015	20071220
AU2007340015 BB	20120726	AU20070340015	20071220
AU2007340018 AA	20080710	AU20070340018	20071220
AU2007340018 BB	20120906	AU20070340018	20071220
BRPI0720659 A2	20140107	BR2007PI20659	20071221
BRPI0720676 A2	20140204	BR2007PI20676	20071221
BRPI0722055 A2	20140401	BR2007PI22055	20071220
BRPI0722056 A2	20140401	BR2007PI22056	20071221
CA2673983 AA	20090626	CA20072673983	20071220
CA2673984 AA	20090626	CA20072673984	20071220
CA2673986 AA	20090626	CA20072673986	20071221
CA2673993 AA	20090626	CA20072673993	20071221
CA2674074 AA	20090626	CA20072674074	20071221
CA2674077 AA	20090626	CA20072674077	20071221
CN101595491 A	20091202	CN200780050707	20071220
CN101601064 A	20091209	CN200780050761	20071221
CN101647038 A	20100210	CN200780050662	20071221
CN101647039 A	20100210	CN200780050672	20071221
CN101647040 A	20100210	CN200780050814	20071220
CN101657784 A	20100224	CN200780050840	20071221
EP2104912 A2	20090930	EP20070869801	20071221
EP2104912 A4	20120118	EP20070869801	20071221
EP2104915 A1	20090930	EP20070869785	20071221
EP2104915 A4	20120118	EP20070869785	20071221
EP2104916 A1	20090930	EP20070869831	20071221
EP2104916 A4	20120711	EP20070869831	20071221

EP2109850 A1	20091021	EP20070869604	20071220
EP2109850 A4	20130327	EP20070869604	20071220
EP2122533 A2	20091125	EP20070871720	20071220
EP2122533 A4	20101229	EP20070871720	20071220
IN04427CN2009 A	20160831	IN2009CN04427	20090724
IN04436CN2009 A	20160831	IN2009CN04436	20090727
JP2010515165 T2	20100506	JP20090544207T	20071220
JP2010515166 T2	20100506	JP20090544219T	20071221
JP2010515168 T2	20100506	JP20090544226T	20071221
JP2010515169 T2	20100506	JP20090544238T	20071221
JP2010515959 T2	20100513	JP20090544232T	20071221
JP2014132474 A2	20140717	JP20140023458	20140210
JP2016186814 A2	20161027	JP20160136953	20160711
JP5294176 B2	20130918	JP20090544232T	20071221
JP5303471 B2	20131002	JP20090544226T	20071221
JP6239399 B2	20171129	JP20140023458	20140210
JP6294398 B2	20180314	JP20160136953	20160711
KR20090096533 A	20090910	KR20097015560	20071221
KR20090104068 A	20091005	KR20097015555	20071221
KR20090104069 A	20091005	KR20097015571	20071221
KR20090108045 A	20091014	KR20097015559	20071220
US2008154727 AA	20080626	US20070963095	20071221
US2008154735 AA	20080626	US20070749366	20070516
US2008154772 AA	20080626	US20070767033	20070622
US2008163257 AA	20080703	US20070963736	20071221
US2008167991 AA	20080710	US20070960173	20071219
US2008183480 AA	20080731	US20070962836	20071221
US2008201226 AA	20080821	US20070960162	20071219
US2011040686 AA	20110217	US20100914679	20101028
US2014074600 AA	20140313	US20130080681	20131114
US2015310428 AA	20151029	US20150701467	20150430
US7848980 BB	20101207	US20070767033	20070622
US8615426 BB	20131224	US20070963095	20071221
US8645971 BB	20140204	US20070963736	20071221
US8903734 BB	20141202	US20130080681	20131114
US9940627 BB	20180410	US20070960173	20071219
WO08083022 A1	20080710	WO2007US88289	20071220
WO08083025 A2	20080710	WO2007US88313	20071220
WO08083025 A3	20081009	WO2007US88313	20071220
WO08083078 A2	20080710	WO2007US88563	20071221
WO08083078 A3	20080821	WO2007US88563	20071221
WO08083089 A1	20080710	WO2007US88615	20071221
WO08083105 A2	20080710	WO2007US88659	20071221
WO08083105 A3	20081016	WO2007US88659	20071221
WO08083115 A1	20080710	WO2007US88687	20071221
WO08083119 A1	20080710	WO2007US88704	20071221

Priority:

US20060871898P	20061226	US20070749366	20070516	US20070767033	20070622
US20070960173	20071219	US20070960162	20071219	JP20090544207	20071220
JP20090544207T	20071220	JP20140023458	20071220	WO2007US88289	20071220
WO2007US88313	20071220	US20070963095	20071221	US20070963736	20071221
US20070962836	20071221	WO2007US88563	20071221	WO2007US88659	20071221
WO2007US88704	20071221	WO2007US88615	20071221	US20100914679	20101028
US20130080681	20131114	US20150701467	20150430	JP20160136953	20160711

Probable Assignee: VISA USA INC

Assignee(s): (std): CARLSON MARK ; CARLSON MARK STEVEN ; CIUREA PETER ; FAITH PATRICK ; HAMMAD AYMAN ; STAN PATRICK ; VISA INT SERVICE CORP ; VISA INT SERVICE ASS ; VISA USA INC ; VISA USA INC US ; VISA INT SERVICE ASS US

Assignee(s): VISA USA ; VISA INT SERVICE ASSOCIATION ; VISA U S A INC

Inventor(s): (std): AYMAN HAMMAD ; CARLSON MARK ; CARLSON MARK STEVEN ; CIUREA PETER ; FAITH PATRICK ; HAMMAD AYMAN ; PETER CIUREA ; STAN PATRICK ; PATRICK STAN ; PATRICK FAITH ; MARK CARLSON

Agent(s): SPRUSON AND FERGUSON; FETHERSTONHAUGH AND CO; BIRKEN LARS; ROBERTS MARK PETER; ASAMURA PATENT OFFICE PC; ASAMURA KIYOSHI; ASAMURA HAJIME; YOSHIDA YUTAKA; MORI TOHRU; TOWNSEND AND TOWNSEND CREW LLP; TOWNSEND AND TOWNSEND AND CREW LLP; KILPARICK TOWNSEND AND STOCKTON LLP; KILPATRICK TOWNSEND AND STOCKTON LLP; JEWIK PATRICK R ET AL; FARRELL JOHN J ET AL; TOBIN KENT J ET AL; MARTINEZ LEMKE SHEILA P ET AL

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: OPTICAL **PAYMENT** TRANSCIVER AND SYSTEM USING THE SAME

Abstract: An optical **payment** transceiver and an optical settlement system using the same uses a personal portable terminal incorporated with an optical transceiver as a card substitute **payment** unit for settlement. Here, card information is incorporated in a personal portable terminal incorporated with an optical transceiver such as a portable **phone** or a PDA and the optical transceiver is connected to a card inquiry machine to thereby optically **transmit** and **receive** card information. The card inquiry machine recognizes the **received** card information in the same manner as that of the card reader reading a magnetic card, and **transmits** the card information to a VAN company **server** or a card company **server**, to then request for an approval and settle transactions. The present invention is applied to most fields where financial transactions are performed as in a general commerce, a toll gate fee or tunnel passage fee collection system, a subway or bus fare levying system, a gas station, a department store, a drive-thru ordering system, a vending machine, and a fee **payment** system of kiosks. Also, the present invention can be applied to an entrance/exit security system requiring personal identification. Thus, the present invention can use a portable terminal as a **payment** unit without carrying a cash or cards, to thereby provide an effect of performing a safer and more reliable credit transaction.

Classifications:

International (IPC 8-9): B67D7/24 G06F19/00 G06K17/00 G06K5/00 G06Q10/00 G06Q20/00 G06Q20/20 G06Q20/30 G06Q20/32 G06Q20/40 G06Q20/42 G06Q30/00 G06Q40/00 G06Q40/02 G06Q50/00 G06Q99/00 G07B1/00 G07B15/00 G07B15/06 G07F19/00 G07F7/00 G07F7/02 G07F7/08 G07F7/10 G07G1/00 G07G1/12 G07G1/14 G08C23/04 H04B1/38 H04B10/02 H04L9/00 H04L9/32 H04M1/66 H04Q7/24 H04Q7/38 H04W12/02 H04W12/04 H04W12/06 H04W4/00 H04W4/04 H04W4/24 H04W8/20 H04W8/02 H04W88/06 H04W88/18 (Advanced/Invention); G06K17/00 G06K5/00 G06Q10/00 G06Q20/00 G06Q40/00 G06Q50/00 G07B15/00 G07F7/08 G07G1/12 H04B1/38 H04B1/40 H04L9/32 H04Q7/38 H04W12/02 H04W12/06 H04W4/04 H04W4/24 H04W88/02 H04W88/18 (Advanced/Non-invention); G06F19/00 H04B1/38 H04Q7/24 H04W12/00 H04W4/24 H04W8/18 H04W88/00 (Core/Invention)

International (IPC 1-7): B67D5/24 G06F15/21 G06F15/30 G06F17/60 G06F19/00 G06K17/00 G06K19/00 G06K5/00 G07B15/00 G07F7/02 G07F7/08 G07G1/12 H04B1/38 H04B1/40 H04L9/32 H04M15/00 H04Q7/24 H04Q7/38

CPC: G07B15/063 H04B1/38 G06Q20/325 G06Q20/4014 G06Q20/322 G06Q20/10 G06Q20/102 G06Q20/20 G06Q20/32 G06Q20/327 G06Q20/341 G06Q20/342 G06Q20/351 G06Q20/355 G06Q20/363 G06Q20/367 G06Q20/3672 G06Q20/382 G06Q20/40 G06Q30/0213 G06Q30/0222 G06Q40/00 G07F7/025 G07F7/0866 G07F7/1008

European: G06Q20/10 G06Q20/102 G06Q20/20 G06Q20/32 G06Q20/322 G06Q20/327 G06Q20/341 G06Q20/342 G06Q20/351 G06Q20/355 G06Q20/363 G06Q20/367 G06Q20/3672 G06Q20/382 G06Q20/40 G06Q30/0213 G06Q30/0222 G06Q40/00 G07B15/06B G07F7/02E G07F7/08C G07F7/10D

US: 455/411 455/411S 705/1 705/1.1 705/1.100S 705/13 705/13P 705/14 705/14.15 705/14.150P 705/14.23 705/14.230S 705/26 705/27 705/35 705/35S 705/39 705/40 705/40P 705/40S 705/44 705/44S 705/64 705/64P 705/65 705/66



Family:

Publication number	Publication date	Application number	Application date
AU200144754 A1	20010924	AU20010044754	20010316
AU200144754 A5	20010924	AU20010044754	20010316
AU779316 B2	20050113	AU20010044754	20010316
BRPI0109377 A	20030624	BR2001PI09377	20010316
CN100492420 C	20090527	CN200510068952	20010316
CN101201949 A	20080618	CN200810001953	20010316
CN1245053 C	20060308	CN20018009631	20010316
CN1440626 A	20030903	CN20018009631	20010316
CN1770207 A	20060510	CN200510068952	20010316
EP1275262 A2	20030115	EP20010917877	20010316
EP1275262 A4	20060419	EP20010917877	20010316
HK1058738 A1	20060908	HK20040101521	20040302
HK1058738 A3	20040528	HK20040101521	20040302
HK1117626 A3	20090116	HK20080112259	20081107
JP2003527703 T2	20030916	JP20010568158T	20010316
JP2005251212 A2	20050915	JP20050081951	20050322
JP2010055633 A2	20100311	JP20090273833	20091201
JP4421164 B2	20100224	JP20010568158T	20010316
KR100359317 B1	20021111	KR20020059520	20020930
KR100359317 B9	20170602	KR20020059520	20020930
KR100366060 B1	20021228	KR20010013736	20010316
KR100372166 B1	20030214	KR20020059530	20020930
KR100372167 B1	20030214	KR20020059524	20020930
KR100392887 B1	20030728	KR20020059522	20020930
KR100399730 B1	20030929	KR20020059532	20020930
KR100407654 B1	20031203	KR20020059526	20020930
KR100407655 B1	20031203	KR20020059525	20020930
KR100407656 B1	20031203	KR20020059527	20020930
KR100407657 B1	20031203	KR20020059528	20020930
KR100414640 B1	20040107	KR20020059523	20020930
KR100431223 B1	20040512	KR20020059529	20020930
KR20010090485 A	20011018	KR20010013736	20010316
KR20020079709 A	20021019	KR20020059520	20020930
KR20020079710 A	20021019	KR20020059522	20020930
KR20020079711 A	20021019	KR20020059526	20020930
KR20020079712 A	20021019	KR20020059530	20020930
KR20020083523 A	20021102	KR20020059521	20020930
KR20020083524 A	20021102	KR20020059524	20020930
KR20020083525 A	20021102	KR20020059527	20020930
KR20020083526 A	20021102	KR20020059528	20020930
KR20020083527 A	20021102	KR20020059531	20020930

KR20020090945 A	20021205	KR20020059525	20020930
KR20020090946 A	20021205	KR20020059529	20020930
KR200202256 Y1	20001115	KR20000016328U	20000609
KR200209515 Y1	20010115	KR20000021614U	20000728
KR200234155 Y1	20011010	KR20010008910U	20010330
KR200235309 Y1	20011010	KR20010008909U	20010330
KR20030003134 A	20030109	KR20020059523	20020930
KR20030005073 A	20030115	KR20020059532	20020930
US2002194137 AA	20021219	US20020148326	20020529
US2006173790 AA	20060803	US20050291291	20051201
US2007061256 AA	20070315	US20060497645	20060802
US2008103981 AA	20080501	US20070877346	20071023
US2009248526 AA	20091001	US20090412365	20090327
US2017330168 AA	20171116	US20170638893	20170630
US7552094 BB	20090623	US20020148326	20020529
WO0169346 A2	20010920	WO2001KR00428	20010316
WO0169346 A3	20011206	WO2001KR00428	20010316

Priority:

KR20000013426	20000316	KR20000026621	20000518	KR20000016328U	20000609
KR20000016328	20000609	KR20000031567	20000609	KR20000032454	20000613
KR20000032455	20000613	KR20000033198	20000616	KR20000021614	20000728
KR20000021614U	20000728	KR20000073716	20001206	KR20000037719	20001206
KR20000073719	20001206	KR20000073718	20001206	KR20000073717	20001206
KR15400002001	20010111	KR20010001540U	20010111	KR20010001540	20010111
JP20010568158	20010316	JP20010568158T	20010316	JP20050081951	20010316
WO2001KR00428	20010316	KR20010013736	20010316	US20020148326	20020529
KR20020059528	20020930	KR20020059531	20020930	KR20020059526	20020930
KR20020059532	20020930	KR20020059527	20020930	KR20020059525	20020930
US20050291291	20051201	US20060497645	20060802	US20070877346	20071023
US20090412365	20090327	US20170638893	20170630		

Probable Assignee: HAREXINFOTECH INC

Assignee(s): (std):	CHANG KWANG S ; CHANG KWANG SU ; HAREXINFOTECH INC ; CHO EUN SANG ; HAREX INFOTECH INC ; CHO EUN S ; HWANG QUE MIN ; JUNG BONG SUNG ; JUNG HOON JOON ; HWANG OUE M ; KANG BOG H ; JUNG HOON J ; JUNG BONG S ; KANG BOG HEUI ; KIM HYO JUNG ; PARK KYUNG YANG ; KIM CHUL KI ; SUNG KWANG HYUN ; KIM DO HA ; KIM WON DONG ; KIM DAE YEON ; WOO HEE GU ; KIM DO H ; KIM DAE Y ; PARK KYUNG Y ; KIM CHUL K ; KIM WON D ; WOO HEO G ; SUNG KWANG H
Inventor(s): (std):	CHO EUN S ; CHUL KI KIM ; DAE YEON KIM ; DO HA KIM ; EUN SANG CHO ; HEE GU WOO ; HOON JOON JUNG ; HOON JOON KIM ; BOG HEUI KANG ; BONG SUNG JUNG ; CHANG KWANG S ; CHANG KWANG SU ; HWANG OUE M ; HWANG QUE M ; HWANG QUE MIN ; JUNG BONG S ; JUNG BONG SUNG ; JUNG HOON J ; JUNG HOON JOON ; KANG BOG H ; KANG BOG HEUI ; KI KIM CHUL ; KIM CHUL K ; KIM CHUL KI ; KIM DAE Y ; KIM DO H ; KIM HOON JOON ; KIM HYO JUNG ; PARK KYUNG Y ; PARK KYUNG YANG ; PARK KYUNG YANG KIM CHUL KI HW ; KIM WON D ; KO JEONG WAN ; KWANG HYUN SUNG ; KWANG SU CHANG ; KYUNG YANG PARK ; MIN HWANG QUE ; SUNG KWANG H ; SUNG KWANG HYUN ; WON DONG KIM ; YANG PARK KYUNG ; WOO HUI GU ; SUNG GWANG HYEON ; PARK GYEONG YANG ; KIM WON DONG ; KIM DO HA ; KIM DAE YEON ; KIM CHEOL GI ; KANG BOK HUI ; JUNG HUN JUN ; JUNG BONG SEONG ; JANG GWANG SU ; HWANG GYU MIN ; CHO EUN SANG ; QUE MIN HWANG ; QUE MIN PARK KYUNG YANG KIM CH ; WOO HEE G ; WOO HEE GU ; WOO HEO G
Inventor(s):	WOO HEO GU ; WOO HEO ; SUNG KWANG ; WOO HEE ; PARK KYUNG ; PARK KYUNG YANG KIM CHUL KI HWANG QUE MIN ; PARK KYUNG YANG KIM CHUL KI HWANG QUE MIN JUNG ; PARK KYUNG YANG KIM CHUL KI HWANG QUE MIN JUNG BON ; PARK KYUNG YANG KIM CHUL KI HWANG QUE MIN JUNG BONG SUNG SUNG KWANG HYUN KIM DO HA JUNG HOON JOON KANG BOG HEUI CHO EUN SANG KIM WON DONG KIM DAE YEON CHANG KWANG SU WOO HEE GU ; KIM WON ; KIM DO ; KIM DAE ; KIM CHUL ; KANG BOG ; JUNG HOON ; JUNG BONG ; HWANG OUE MIN ; HWANG QUE ; CHO EUN ; CHANG KWANG ; HWANG OUE
Agent(s):	SHELSTON IP; SHELSTON IP PTY LTD; WATANABE TOSHIAKI; SEKIYA MITSUO; HIRAKI YUSUKE; INABA YOSHIYUKI; F CHAU AND ASSOCIATES LLC; MCNEELY BODENDORF LLP
Designated states:	AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Title: METHOD AND SYSTEM FOR MONITORING **ELECTRONIC** PURCHASES AND CASH-WITHDRAWALS

Abstract: A method for facilitating the detection of misuse of an identity during an **electronic** transaction. The invention comprises at least five embodiments. In a first embodiment, the method comprises the step of: **receiving** a notification to authenticate the use of an identity at a first location, wherein the identity is associated with a first wireless terminal; determining an approximate location of the first wireless terminal based on cached position information, the approximate location of the first wireless terminal being a second location; determining whether the first and second locations match in geographical proximity; and generating an alert if the first and second locations do not match in geographical proximity. In a second embodiment, an approximate location of the first wireless terminal is determined based on cached position information stored on a GPS position database.

Classifications:

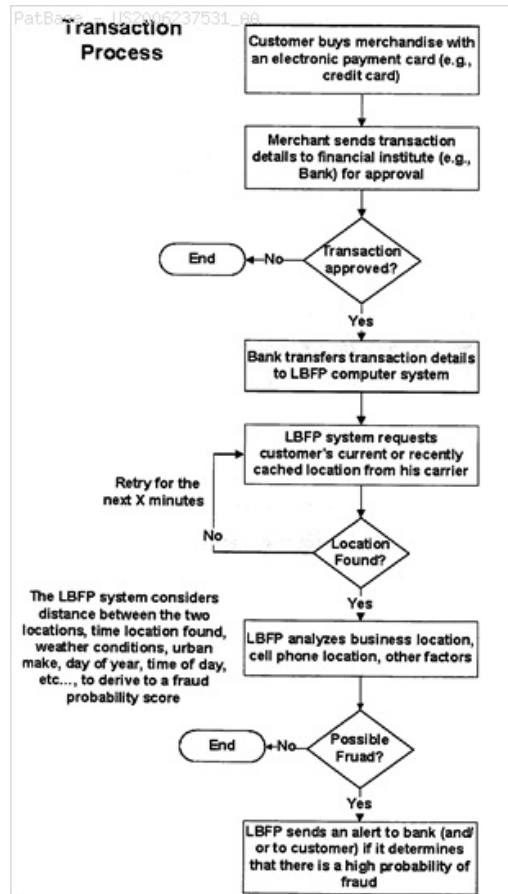
International (ipc 8-9): G01S19/00 G01S19/17 G01S19/34 G01S19/35 G01S5/02 G06D G06F21/00 G06F21/31 G06F21/44 G06F21/73 G06F7/04 G06K5/00 G06Q20/32 G06Q20/40 G06Q30/00 G06Q30/06 G06Q40/00 G06Q50/26 H04L12/24 H04L12/58 H04L29/06 H04L29/08 H04L29/12 H04L9/00 H04L9/32 H04M15/00 H04W12/06 H04W12/08 H04W12/12 H04W24/00 H04W4/00 H04W4/02 H04W4/14 H04W64/00 (Advanced/Invention); H04L29/06 H04L29/12 H04L9/00 (Advanced/Non-invention); G01S1/00 G01S19/00 G06F21/00 G06K5/00 G06Q40/00 H04L29/06 H04L29/12 H04L9/00 H04L9/32 (Core/Invention)

International (ipc 1-7): G06D H04L9/00

CPC: H04L9/0872 H04W4/021 H04W4/023 G06F21/31 H04L63/126 H04W4/14 H04L9/00 H04L29/06802 H04L29/12037 H04L63/1441 H04L63/18 G06Q20/322 G06Q20/40 H04L2463/082 H04L67/02 G06Q20/32 G06Q20/401 H04W12/08 H04L51/18 H04L63/083 G06Q20/4014 H04W4/02 G06Q20/3272 G06Q20/388 H04L63/08 H04L63/0876 G06F21/44 G06F21/73 G06F2221/2111 G06Q20/3224 G06Q20/4016 G06Q30/06 G06Q50/265 H04L63/0853 H04L63/107 H04M15/8033 H04W12/06 H04W12/12 H04L51/38 H04L9/3215 H04W4/008 H04W4/80

European: G06Q20/32 G06Q20/322 G06Q20/3224 G06Q20/40 G06Q20/4014 G06Q20/4016 H04L29/06S8 H04L63/08 H04L63/10E H04L63/18 H04L9/08H8 H04L9/32P T04L29/06S8E T04L29/12A1B T04L63/14D T04L9/00

US: 1/1 235/380 235/382 235/382P 342/357.06 342/357.55 342/357.550P 342/357.74 342/357.740S 342/357.75 342/357.750S 342/450 342/450S 380/258 455/404.2 455/414.2 455/440 455/455.1 455/455.2 455/455.3 455/455.4 455/455.5 455/456.1 455/456.2 455/456.3 455/456.300P 705/14.23 705/14.51 705/318 705/35 705/37 705/44 705/44S 705/64 705/67 709/223 713/161 713/161P 713/176 713/176P 726/2 726/3 726/3P 726/4 726/5 726/7

**Family:**

Publication number	Publication date	Application number	Application date
AU2007275515 AA	20080124	AU20070275515	20070515
AU2007275515 BB	20100211	AU20070275515	20070515
AU2007354390 AA	20081204	AU20070354390	20070529
AU2007354390 BB	20100311	AU20070354390	20070529
AU2010200066 AA	20100128	AU20100200066	20100108
AU2010200066 BB	20100603	AU20100200066	20100108
AU2010201859 AA	20100527	AU20100201859	20100510
AU2010201859 BB	20100617	AU20100201859	20100510
AU2010201860 AA	20100527	AU20100201860	20100510
AU2010201860 BB	20100916	AU20100201860	20100510
AU2010202372 AA	20100701	AU20100202372	20100608
AU2010202372 BB	20120216	AU20100202372	20100608
AU2010246516 AA	20101223	AU20100246516	20101130
AU2012202846 AA	20120607	AU20120202846	20120516
AU2012202846 BB	20150205	AU20120202846	20120516
AU2015202208 AA	20150521	AU20150202208	20150429
AU2015202208 BB	20160331	AU20150202208	20150429
BRPI0709517 A2	20110719	BR2007PI09517	20070515
CA2649385 AA	20081015	CA20072649385	20070515
CA2687257 AA	20091112	CA20072687257	20070529
EP2078370 A2	20090715	EP20070840180	20070515
EP2078370 A4	20120104	EP20070840180	20070515
EP2151085 A1	20100210	EP20070795384	20070529
EP2151085 A4	20130320	EP20070795384	20070529
GB200821101 A0	20081224	GB20080021101	20070515
GB2458979 A1	20091007	GB20080021101	20070515
GB2458979 B2	20110921	GB20080021101	20070515
IN07430DN2009 A	20100709	IN2009DN07430	20091116
IN08853DN2008 A	20090522	IN2008DN08853	20081021
US2006237531 AA	20061026	US20060346240	20060203

US2007208934 AA	20070906	US20060405789	20060418
US2009102712 AA	20090423	US20080260065	20081028
US2009206157 AA	20090820	US20090379479	20090223
US2009222891 AA	20090903	US20090357380	20090121
US2010153733 AA	20100617	US20070600808	20070529
US2011239274 AA	20110929	US20110065691	20110328
US2012052881 AA	20120301	US20110290988	20111107
US2012244885 AA	20120927	US20120479235	20120523
US2013125220 AA	20130516	US20130736049	20130107
US2014137199 AA	20140515	US20130145862	20131231
US2014337503 AA	20141113	US20140446527	20140730
US2015020162 AA	20150115	US20140479266	20140905
US2016050203 AA	20160218	US20150835707	20150825
US2016232531 AA	20160811	US20160134545	20160421
US2018039975 AA	20180208	US20170787805	20171019
US2018124032 AA	20180503	US20170859589	20171231
US7503489 BB	20090317	US20060346240	20060203
US7832636 BB	20101116	US20090379479	20090223
US8370909 BB	20130205	US20070600808	20070529
US8413898 BB	20130409	US20110290988	20111107
US8590007 BB	20131119	US20060405789	20060418
US8640197 BB	20140128	US20110065691	20110328
US8656458 BB	20140218	US20090357380	20090121
US8770477 BB	20140708	US20120479235	20120523
US9033225 BB	20150519	US20130145862	20131231
US9391985 BB	20160712	US20150835707	20150825
US9727867 BB	20170808	US20160134545	20160421
WO08011214 A2	20080124	WO2007US68971	20070515
WO08011214 A3	20080508	WO2007US68971	20070515
WO08011214 B1	20080717	WO2007US68971	20070515
WO08147353 A1	20081204	WO2007US12552	20070529

Priority:

US20050674709P	20050426	US20050711346P	20050825	US20060346240	20060203
US20060405789	20060418	AU20070275515	20070515	WO2007US68971	20070515
AU20070354390	20070529	AU20100202372	20070529	AU20120202846	20070529
US20070600808	20070529	WO2007US12552	20070529	US20080260065	20081028
US20080260085	20081028	US20090357380	20090101	US20090357380	20090121
US20090379479	20090223	US20090600808	20091118	AU20100200066	20100108
US20100318329P	20100328	AU20100201859	20100510	AU20100201860	20100510
AU20100202372	20100608	AU20100246516	20101130	US20110445860P	20110223
US20110065691	20110328	US20110290988	20111107	AU20120202846	20120516
US20120479235	20120523	US20130736049	20130107	US20130145862	20131231
US20140446527	20140730	US20140479266	20140905	AU20150202208	20150429
US20150835707	20150825	US20160134545	20160421	US20170606270	20170526
US20170787805	20171019	US20170859589	20171231		

Probable Assignee: LOCKIP LLC

Assignee(s): (std): GUY HEFFEZ ; HEFETZ GUY ; HEFFEZ GUY ; HEFFEZ JACOB ; WOOD CHRISTOPHER ; HEFFEZ GUY S ; BPRIV LLC ; WOOD CHRISTOPHER DONALD

Assignee(s): LOCKIP LLC ; HEFFEZ GUY S MR

Inventor(s): (std): HEFETZ GUY ; HEFFEZ GUY ; HEFFEZ GUY S ; HEFFEZ JACOB ; WOOD CHRISTOPHER ; WOOD CHRISTOPHER DONALD

Inventor(s): GUY HEFFEZ ; GUY S HEFFEZ

Agent(s): APT PATENT AND TRADE MARK ATTORNEYS; BERESKIN AND PARR LLP; THOMPSON TREVOR GEORGE; WOOD AND EISENBERG PLLC; LAW OFFICES OF JD GERAIGERY PC; KEITH L JENKINS; HOLLAND AND KNIGHT LLP; GOTHAM PATENT SERVICES LLC; JAMES P; DEMERS AND BERKS LLP; DEMERS BERKS LLP; CITTONE AND CHINTA LLP; GERAIGERY JANINE; JENKINS KEITH L

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: COST MANAGEMENT FILE TRANSLATION METHODS, SYSTEMS, AND **APPARATUSES** FOR EXTENDED COMMERCE

Abstract: A quantity of an item referenced within a multilevel bill of material (BOM) is determined. A price bid for the item is **received** into an application framework from a supplier. The price bid is associated with the item. The cost of the multilevel BOM is determined based on the quantity of the item and the price bid.

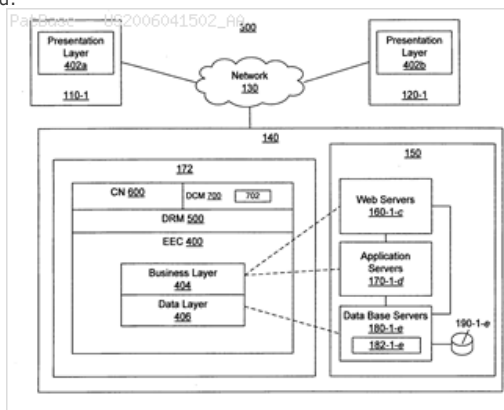
Classifications:

International (IPC 8-9): G06F17/00 G06F17/22 G06F17/24
G06F17/30 G06F21/00 G06F5/00 G06Q10/06 G06Q10/08 G06Q30/00
G06Q30/06 G06Q40/00 G06Q50/00 G06Q99/00 G6F17/30
H04L9/00 (Advanced/Invention);
G06F3/00 G06Q10/08 (Advanced/Non-invention);
G06F17/00 G06F17/24 G06F17/30 G06Q30/00 G06Q40/00
G06Q50/00 G06Q99/00 H04L9/00 (Core/Invention);
G06F3/00 (Core/Non-invention)

International (IPC 1-7): G06F17/30 G06Q10/06 G06Q10/08
G06Q30/06

CPC: G06F17/30076 H04L69/08 G06Q10/06 G06Q10/087
G06Q10/0875 G06Q10/10 G06Q20/102 G06Q30/06 G06Q30/0601
G06Q30/0641 G06Q40/04 G06Q50/188 G06Q30/00 G06F17/00
G06F17/227 G06Q40/00

European: G06F17/22T2 G06F17/30S5V G06Q10/06 G06Q10/087
G06Q10/0875 G06Q10/10 G06Q20/102 G06Q30/06 G06Q30/0601
G06Q30/0641 G06Q40/00 G06Q40/04 G06Q50/188 H04L29/06E
US: 700/106 700/110 705/26 705/26.1 705/26.100S 705/26S 705/27
705/27.1 705/27.2 705/28 705/29 705/35 705/37 705/37P 705/40
705/80 705/80P 707/9 707/E17.006 707/E17.006S 715/234 715/234S 715/239 715/249 715/249P 715/513 715/523 715/762
715/762S



Family:

Publication number	Publication date	Application number	Application date
AU2005277150 AA	20060302	AU20050277150	20050821
AU2005277150 BB	20110526	AU20050277150	20050821
CA2576976 AA	20070212	CA20052576976	20050821
CN101432729 A	20090513	CN200580036172	20050821
EP1789893 A2	20070530	EP20050790367	20050821
EP1789893 A4	20140806	EP20050790367	20050821
IN00835KN2007 A	20070713	IN2007KN00835	20070308
MX2007002101 A1	20070814	MX20070002101	20050821
US2006041502 AA	20060223	US20050208694	20050821
US2006041503 AA	20060223	US20050209090	20050821
US2006041518 AA	20060223	US20050209091	20050821
US2006041840 AA	20060223	US20050208693	20050821
US2010088239 AA	20100408	US20090634253	20091209
US7810025 BB	20101005	US20050208693	20050821
US8170946 BB	20120501	US20050208694	20050821
US8712858 BB	20140429	US20050209091	20050821
WO06023877 A2	20060302	WO2005US29846	20050821
WO06023877 A3	20130110	WO2005US29846	20050821

Priority:

US20040603401	20040821	US20040603401P	20040821	US20050208693	20050821
US20050209090	20050821	US20050208694	20050821	US20050209091	20050821
WO2005US29846	20050821	US20090634253	20091209		

Probable Assignee: DIRECTWORKS INC

Assignee(s): (std): BERLIN RICHARD P ; BLAIR WILLIAM R ; GUMMADAPU VENKATA P ; GEE DAVID A ; CO EXPRISE INC ; GUMMADAPU VENKATA PAPARAO ; GEE DAVID ; DIRECTWORKS INC ; ALLAMON JOHN E SR ; ALLAMON SR JOHN E

Assignee(s): ARES CAPITAL CORP ; ALLAMON JOHN E

Inventor(s): (std): ALLAMON JOHN E SR ; BERLIN RICHARD P ; BLAIR WILLIAM R ; GUMMADAPU VENKATA P ; GUMMADAPU VENKATA PAPARAO ; GEE DAVID ; GEE DAVID A ; ALLAMON SR JOHN E

Inventor(s): GUMMADAPU VENKATA ; JOHN E ALLAMON SR ; JOHN E SR ALLAMON ; RICHARD P BERLIN ; VENKATA PAPARAO GUMMADAPU ; WILLIAM R BLAIR ; DAVID GEE ; BLAIR WILLIAM ; ALLAMON JOHN ESR ; BERLIN RICHARD ; ALLAMON JOHN ; ALLAMON JOHN E

Agent(s): GRIFFITH HACK ; PIASETZKI AND NENNIGER LLP ; PIASETZKI NENNIGER KVAS LLP ; KACVINSKY LLC ; KACVINSKY LLC SUITE 300 ; WEBB LAW FIRM PC ; THE WEBB LAW FIRM ; WEBB LAW FIRM

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: METHOD AND SYSTEM FOR LIVESTOCK DATA COLLECTION AND MANAGEMENT

Abstract: An efficient method and **apparatus** for livestock data collection and management is described to provide quality assurance source verification data and performance tracking for individual animals throughout the **production** cycle. Individual animal data is efficiently collected, transferred, and shared in a transactional, event-oriented, row-oriented structure with few columns without need for creating relational structures. The BeefLink(TM) **software** includes components for data collection and real-time data lookup components; share, switch, route, and interface components; extract, transform, and load components; and report and analyze data components. Embodiments include data **acquisition** from multiple RFID reader locations; a web-based information system for a beef marketing alliance; value-based procurement, and supply chain management.

Classifications:

International (IPC 8-9): A01K11/00 A01K29/00 G06F9/44 G06K7/00 G06Q10/00 G06Q10/06 G06Q10/08 G06Q10/10 G06Q30/00 G06Q50/00 G06Q50/02 G08B1/08 G08B13/14 G08B23/00 G08B5/22 (Advanced/Invention);

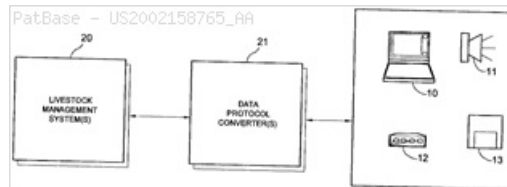
A01K11/00 A01K29/00 G06F9/44 (Core/Invention)

International (IPC 1-7): A01K11/00 A01K29/00 G06F17/30 G06F17/60 G06K7/00 G08B13/14 G08B23/00

CPC: G06Q10/06 G06Q10/08 G06Q50/02 A01K11/006 G06K7/0008 G06Q10/10 A01K29/005 A01K11/007 A01K29/00 A01K11/008 G06F19/00

European: A01K11/00C A01K11/00C1 A01K11/00C2 A01K29/00 A01K29/00B G06F17/60A G06K7/00E G06Q10/00E G06Q10/06 G06Q10/08 G06Q10/10 G06Q30/00 G06Q50/02

US: 119/51.02 235/385 235/385S 235/472.02 340/10.1 340/10.100S 340/101 340/5.8 340/5.92 340/5.920S 340/531 340/531S 340/539 340/539.1 340/539.100S 340/539.13 340/539.130S 340/539.19 340/572.1 340/572.100S 340/572.4 340/572.400P 340/573.1 340/573.3 340/573.300P 340/573.300S 340/691.1 340/693.5 340/8.1 340/8.100S 340/825.49 705/1 705/7 705/7S 719/318 719/318P

**Family:**

Publication number	Publication date	Application number	Application date
AT241899 E	20030615	AT19990911238T	19990308
AU199929927 A1	19990927	AU19990029927	19990308
AU2001232872 AA	20010731	AU20010232872	20010120
AU2001234494 AA	20010731	AU20010234494	20010120
AU200132872 A1	20010731	AU20010032872	20010120
AU200132872 A5	20010731	AU20010032872	20010120
AU200134494 A1	20010731	AU20010034494	20010120
AU200134494 A5	20010731	AU20010034494	20010120
AU2003211004 AA	20030904	AU20030211004	20030211
AU2003211004 AB	20041125	AU20030211004	20030211
AU2003211004 BB	20080529	AU20030211004	20030211
BRPI0107766 A	20060207	BR2001PI07766	20010120
BRPI0307573 A	20060411	BR2003PI07573	20030211
CA2367344 AA	20010907	CA19992367344	19990308
CA2475707 AA	20040809	CA20032475707	20030211
DE69908583 D1	20030710	DE19996008583	19990308
DE69908583 T2	20040429	DE19996008583T	19990308
EP1076485 A1	20010221	EP19990911238	19990308
EP1076485 B1	20030604	EP19990911238	19990308
EP1483694 A2	20041208	EP20030739776	20030211
ES2203091 T3	20040401	ES19990911238T	19990308
MXPA02007143 A1	20040906	MX2002PA07143	20010120
MXPA04007762 A1	20050617	MX2004PA07762	20030211
US2002158765 AA	20021031	US20020073485	20020211
US2003177025 AA	20030918	US20030364849	20030211
US2006187048 AA	20060824	US20060348014	20060206
US2008030348 AA	20080207	US20070839921	20070816
US2008178197 AA	20080724	US20080032432	20080215
US2008291030 AA	20081127	US20080105030	20080417
US6211789 BA	20010403	US20000489382	20000121
US6329920 BA	20011211	US20000488897	20000121
US6342839 BA	20020129	US19980036564	19980309
US6346885 BA	20020212	US20000544388	20000406
US6664897 BB	20031216	US20020073485	20020211
US6995675 BB	20060207	US20030364849	20030211
US7321310 BB	20080122	US20060348014	20060206
US7705735 BB	20100427	US20070839921	20070816
US7714729 BB	20100511	US20080105030	20080417
WO0152636 A1	20010726	WO2001US01869	20010120
WO0154050 A2	20010726	WO2001US01867	20010120
WO0154050 A3	20020110	WO2001US01867	20010120
WO03069508 A2	20030821	WO2003US04257	20030211
WO03069508 A3	20040108	WO2003US04257	20030211
WO9945761 A1	19990916	WO1999US05122	19990308

Priority:

US19980036564	19980309	WO1999US05122	19990308	US20000488897	20000121
US20000489382	20000121	US20000544388	20000406	WO2001US01869	20010120
WO2001US01867	20010120	US20020073485	20020211	US20030364849	20030211
WO2003US04257	20030211	WO2003US04257	20030211	US20060348014	20060206
US20070839921	20070816	US20080032432	20080215	US20080105030	20080417

Probable Assignee: AGINFOLINK HOLDINGS INC A BVI CORP

Assignee(s): (std): AGINFOLINK TECHNOLOGIES INC ; DOLAN ANDREW J ; ARMENTROUT OLIN MARK ; CURKENDALL

LELAND ; CURKENDALL LELAND D ; ANDREW DOLAN ; AGINFOLINK HLDG INC BVI CORP ; AGINFOLINK HOLDINGS INC ; AGINFOLINK HOLDINGS INC A BVI ; DOLAN ANDREW ; MORRISON MATT ; PAPE WILLIAM R ; OLDHAM COURTNEY ; WILLIAM R PAPE ; LELAND D CURKENDALL ; MORRISON MATTHEW J ; LELAND CURKENDALL ; WILLIAM PAPE ; OLIN ARMENTROUT ; MATTHEW MORRISON ; PAPE WILLIAM

Assignee(s): MATT MORRISON ; OLDHAM COURTNEY A ; KINETIC CAPITAL AGI PARTNERSHIP LTD ; OLIN MARK ARMENTROUT ; MATTHEW J MORRISON ; DOLAN ADREW J ; ARMENTROUT OLIN M ; GLOBAL INTERNET VENTURES LLC ; KINETIC CAPITAL AGI LTD ; AGINFOLINK HOLDINGS INC A BVI CORP ; AGINFOLINK HOLDINGS INC A BV ; COURTNEY OLDHAM ; ANDREW J DOLAN

Inventor(s): (std): ANDREW J DOLAN ; ARMENTROUT OLIN M ; ARMENTROUT OLIN MARK ; CURKENDALL LELAND ; CURKENDALL LELAND D ; DOLAN ANDREW J ; LELAND D CURKENDALL ; MATTHEW J MORRISON ; MORRISON MATTHEW J ; OLDHAM COURTNEY ; OLDHAM COURTNEY A ; OLIN MARK ARMENTROUT ; PAPE WILLIAM R ; WILLIAM R PAPE ; PAPE WILLIAM ; DOLAN ANDREW ; DOLAN ADREW J ; MORRISON MATT

Inventor(s): MATT MORRISON ; LELAND CURKENDALL ; COURTNEY OLDHAM

Agent(s): CULLENS PTY LTD; CULLENS PATENT AND TRADE MARK ATTORNEYS; GOODWIN MCKAY; PARLEE MCLAWS LLP; SMART AND BIGGAR; RICK B YEAGER; FISH AND RICHARDSON PC; RICK B; YEAGER RICK B

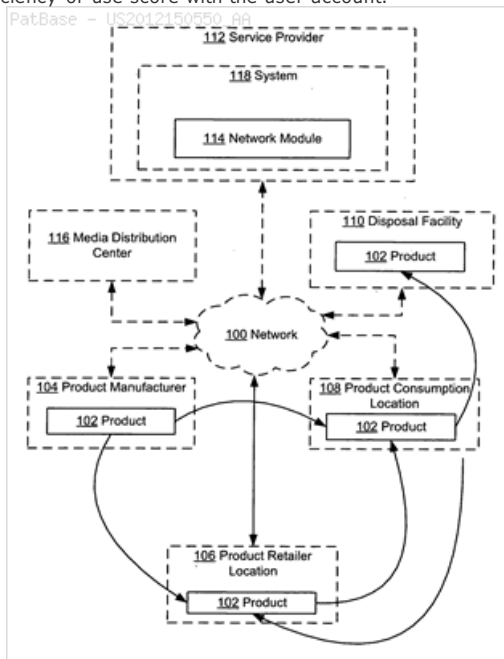
Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: EFFICIENCY-OF-USE TECHNIQUES

Abstract: A method for associating an efficiency-of-use-score may include, but is not limited to: associating a physical **product** with a user account in response to a signal indicating that a user has control of the physical **product**; generating an efficiency-of-use score based on information associated with how the physical **product** is used during a period of time that the user has control of the physical **product**; and associating the efficiency-of-use score with the user account.

Classifications:

International (IPC 8-9): G06K19/06 G06K19/07 G06K7/00
 G06Q10/00 G06Q10/06 G06Q20/08 G06Q30/00 G06Q30/02
 G06Q30/04 G06Q40/00 G06Q50/28 G06Q99/00 (Advanced/Invention)
CPC: G06Q20/10 G06Q90/00 G06Q30/02 G06Q40/12 Y02W90/20
 G06Q10/30 G06Q30/0282 G06Q30/018 G06Q30/0207 Y02P90/84
European: G06Q10/30 G06Q20/10 G06Q30/018 G06Q30/0207
 G06Q30/0282 G06Q40/10
US: 705/1.1 705/1.1 705/1.100P 705/14.1 705/14.100P 705/30
 705/308 705/308P 705/308S 705/30P 705/317 705/317P 705/317S
 705/39 705/39P 705/7.29

**Family:**

Publication number	Publication date	Application number	Application date
CN102982360 A	20130320	CN201210241966	20120712
CN102982377 A	20130320	CN201210241641	20120712
CN102982378 A	20130320	CN201210241644	20120712
CN102999836 A	20130327	CN201210241638	20120712
CN103020718 A	20130403	CN201210241619	20120712
CN103020719 A	20130403	CN201210241950	20120712
CN103020720 A	20130403	CN201210242012	20120712
CN103093299 A	20130508	CN201210241948	20120712
CN103106537 A	20130515	CN201210241947	20120712
US2012150550 AA	20120614	US20110135674	20110712
US2012150551 AA	20120614	US20110199475	20110831
US2012150552 AA	20120614	US20110199995	20110914
US2012150703 AA	20120614	US20110135683	20110712
US2012150733 AA	20120614	US20110317728	20111026
US2012150754 AA	20120614	US20100928638	20101214
US2012150756 AA	20120614	US20110199476	20110831
US2012150758 AA	20120614	US20110317726	20111026
US2012185304 AA	20120719	US20110200807	20110930
US2013085802 AA	20130404	US20110200809	20110930

Priority:

US20100928638 20101214	US20110135674 20110712	US20110135683 20110712
US20110199476 20110831	US20110199475 20110831	US20110199995 20110914
US20110200807 20110930	US20110200809 20110930	US20110317728 20111026
US20110317726 20111026		

Probable Assignee: ELWHA LLC

Assignee(s): (std): BELADY CHRISTIAN ; BELADY CHRISTIAN L ; BERNARD ROB ; BERNARD ROD ; ELWHA LLC ; GARMS JASON ; CALVO ANGEL SARMENTO ; COCHRANE LARRY ; ELWHA LLC A LTD LIABILITY CORP OF STATE OF DELAWARE ; RINALDO JR JOHN D ; POLLARD JENNIFER MAME ; ZHAO FENG ; LORD RICHARD T ; VEGA RENE A ; MALAMUD MARK A ; LEVIEN ROYCE A ; HYDE RODERICK A ; TEGREENE CLARENCE T ; WOOD JR LOWELL L ; LORD ROBERT W ; POLLARD JENNIFER MAINE ; LEVLEN ROYCE A ; ELWHA LLC A LTD LIABILITY CORP STATE DELAWARE ; SEARETE LLC

Assignee(s): ELWHA LLC A LIABILITY OF THESTATE OF DELAWARE CORP LTD ; ELWHA LLC A LIABILITY OF STATE OF DELAWARE CORP LTD

Inventor(s): (std): BELADY CHRISTIAN ; BELADY CHRISTIAN L ; BERNARD ROB ; BERNARD ROD ; CALVO ANGEL SARMENTO ; CHRISTIAN BELADY ; CHRISTIAN L BELADY ; ANGEL SARMENTO CALVO ; ANGLE CALVO ; CLARENCE T TEGREENE ; CLARENS T TEGREENE ; COCHRANE LARRY ; FENG ZHAO ; GARMS JASON ; HYDE RODERICK A ; JASON GAMES ; JASON GARMS ; JENNIFER MAME POLLARD ; JENNIFER POLLARD ; JONH D JR RINALDO ; JR JOHN D RINALDO ; JR LOWELL L WOOD ; LARI COCHRANE ; LARRY COCHRANE ; LEVIEN ROYCE A ; LEVLEN ROYCE A ; LORD RICHARD T ; LORD ROBERT W ; LOWELL L JR WOOD ; POLLARD JENNIFER MAINE ; POLLARD JENNIFER MAME ; RENE A VEGA ; RENE VEGARD ; RICHARD T LORD ; MALAMUD MARK A ; MARK A MALAMUD ; RINALDO JR JOHN D ; ROB BERNARD ; ROBER W LORD ; ROBERT W LORD ; RODERICK A HYDE ; TEGREENE CLARENCE T ; VEGA RENE A ; WOOD JR LOWELL L ; ZHAO FENG ; ROYCE A LEVIEN ; ROYCE A LEVIN

Inventor(s): ROYCEALEVIN ; RODERICKAHYDE ; ROBERWLORD ; ROBBERNARD ; MARKAMALAMUD ; RICHARDTLORD ; LOWELLJRWOOD ; LARICOCCHRANE ; JONHJRRINALDO ; JENNIFERPOLLARD ;

Title: NAVIGATING **NETWORK** COMMUNICATIONS RESOURCES BASED ON TELEPHONE-NUMBER METADATA

Abstract: Mechanisms for associating metadata with **network** resources, and for locating and communicating with the **network** resources are disclosed. Owners of **network** resources define metadata that describes each **network** resource. The metadata includes a telephone number related to the **network** resource, its location, its language, its region or intended audience, and other descriptive information. The owners register the metadata in a registry. To locate a **selected network** resource, a client provides the telephone number to a resolver **process**. The resolver **process** provides to the client the **network** resource location corresponding to the telephone number. Accordingly, **network** resources can be located and communications with the resource can proceed merely by providing the telephone number associated with the **network** resource.

Classifications:

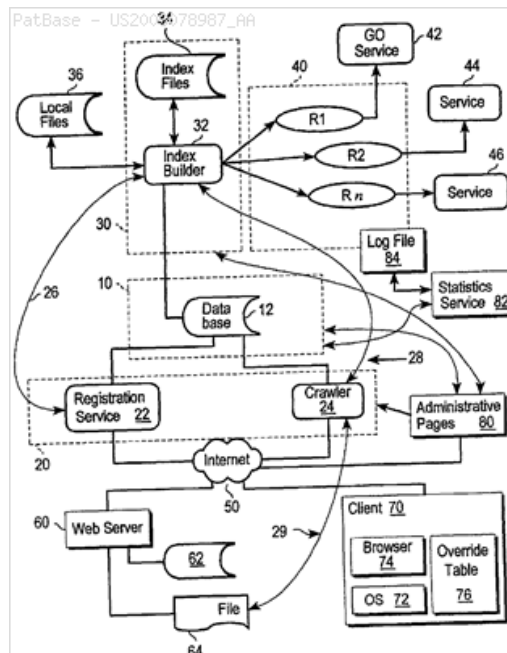
International (ipc 8-9): G06F13/14 G06F15/16 G06F15/00 G06F17/00 G06F17/30 G06F17/60 G06Q20/00 G06Q20/02 G06Q20/16 G06Q20/34 G06Q20/40 G06Q30/00 G06Q90/00 H04L29/02 H04L29/06 H04L29/08 H04L29/12 H04L9/00 H04L9/32 (Advanced/Invention); G06F17/30 H04L9/00 (Core/Invention); G06F (Subclass/Invention)

International (ipc 1-7): G06F1/00 G06F13/14 G06F15/16 G06F15/70 G06F17/00 G06F17/30 G06F17/60 G06F7/00 H04L29/12 H04L9/00

CPC: H04L29/12216 H04L29/1216 H04L29/12169 H04L61/157 H04L61/1576 H04L61/2015 H04L63/0428 H04L63/0442 H04L63/0823 H04L2463/102 H04L63/166 H04L9/00 G06F1/00 G06Q20/34 G06Q20/16 G06F17/30887 G06Q20/4014 G06F17/30864 H04L67/10 G06Q20/40

European: G06F17/30W5L H04L29/06C6B H04L29/06C6C2 H04L29/12A H04L29/12A2H H04L29/12A2I H04L29/12A3A H04L29/12A3A1 H04L61/15H H04L61/15I H04L61/20A H04L61/20A1 H04L63/04B H04L63/04B2 H04L63/08C T04L29/06C6D4A T04L29/06C6M T04L29/06C6N T04L29/12A2 T04L29/12A3 T04L463/102 T04L63/16D

US: 1/1 705/44 705/75 707/100 707/999.1 707/E17.115 709/217 709/217P 713/153 713/153S 713/156 713/156P

**Family:**

Publication number	Publication date	Application number	Application date
AU2002348547 AA	20030506	AU20020348547	20021023
AU2002348547 AH	20030506	AU20020348547	20021023
AU2002348547 AH	20051013	AU20020348547	20021023
AU2003230133 AA	20040329	AU20030230133	20030416
AU2003248364 AA	20030909	AU20030248364	20030124
AU2003280125 AA	20040513	AU20030280125	20031023
AU2003280125 AH	20040513	AU20030280125	20031023
CN1631023 A	20050622	CN20028026044	20021023
EP1459496 A2	20040922	EP20020782037	20021023
RU2001128645 A	20030720	RU20010128645	20011024
RU2004115751 A	20051027	RU20040115751	20021023
RU2005115454 A	20060127	RU20050115454	20031023
RU2009124069 A	20101227	RU20090124069	20090624
RU2011111138 A	20120927	RU20110111138	20110324
RU2273107 C2	20060327	RU20040115751	20021023
RU2376635 C2	20091220	RU20050115454	20031023
RU2464637 C1	20121020	RU20110111138	20110324
US2003078987 AA	20030424	US20020085717	20020227
US2003079124 AA	20030424	US20020233426	20020904
US2005114367 AA	20050526	US20040927460	20040827
US2015052056 AA	20150219	US20140468093	20140825
US2015227933 AA	20150813	US20150692329	20150421
US8868467 BB	20141021	US20040927460	20040827
US9043246 BB	20150526	US20140468093	20140825
WO03036412 A2	20030501	WO2002RU00462	20021023
WO03036412 A3	20030717	WO2002RU00462	20021023
WO03036412 C2	20030925	WO2002RU00462	20021023
WO03073337 A1	20030904	WO2003IB00634	20030124
WO04023709 A1	20040318	WO2003IB02045	20030416
WO04038528 A2	20040506	WO2003IB05326	20031023
WO04038528 A3	20040722	WO2003IB05326	20031023

Priority:

RU20010128645	20011024	US20020085717	20020227	US20020085717	20020228
US20020233426	20020904	RU20040115751	20021023	WO2002RU00462	20021023
WO2003IB00634	20030123	WO2003IB00634	20030124	WO2003IB02045	20030416
RU20050115454	20031023	WO2003IB05326	20031023	US20040927460	20040827
RU20090124069	20090624	RU20110111138	20110324	US20140468093	20140825
US20150692329	20150421				

Probable Assignee: MEDIALINGVA AOZT

Assignee(s): (std): ALEKSANDROV SEREBRENNIKOV OLEG ; MEDIALINGUA GROUP ; MEDIALINGVA AOZT ;
SEREBRENNIKOV OLEG ; SEREBRENNIKOV OLEG ALEKSANDROV ; SEREBRENNIKOV OLEG
ALEKSANDROVICH

Assignee(s): ZAKRYTOE AKTSIONERNOE OBSHCHESTVO MEDIALINGVA

Inventor(s): (std): ALEKSANDROV SEREBRENNIKOV OLEG ; SEREBRENNIKOV OLEG ; SEREBRENNIKOV OLEG
ALEKSANDROV ; SEREBRENNIKOV OLEG ALEKSANDROVICH

Inventor(s): OLEG ALEKSANDROVICH SEREBRENNIKOV ; OLEG SEREBRENNIKOV

Agent(s): SUGHRUE MION PLLC

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK
DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR
KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NI NL NO NZ OM PG PH PL PT
RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: SYSTEM AND METHOD FOR ASSOCIATING FINANCIAL TRANSACTION DATA WITH A USER'S PROJECT DATA

Abstract: This invention relates to an expense reporting system for viewing and manipulating a user's financial transaction data and a method for associating financial transaction data with a user's project data. The system includes a user's financial transaction data hosted in a data storage unit, addressable on a **network**, and accessible by a remote user on a user interface unit having a user input means and a display; and an expense reporting module having a graphical user interface (GUI) that allows a user to define project category data and associate representations of the user's financial data with the user-defined project category data.

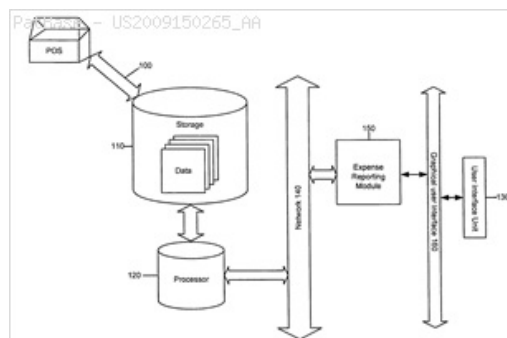
Classifications:

International (IPC 8-9): G06F19/00 G06F3/0482 G06Q10/00 G06Q10/08 G06Q10/10 G06Q20/00 G06Q20/02 G06Q20/10 G06Q20/14 G06Q20/20 G06Q20/22 G06Q20/24 G06Q20/40 G06Q30/00 G06Q40/00 G06Q40/02 G06Q40/04 G06Q40/06 G07B17/00 G07F19/00 G07G1/12 (Advanced/Invention); G06F17/30 G06Q10/00 G06Q10/10 G06Q20/00 G06Q20/10 G06Q30/02 G06Q30/06 G06Q40/06 H04L29/06 (Advanced/Non-invention); G06Q10/00 G06Q40/00 (Core/Invention)

CPC: G06Q20/105 G06Q20/3674 G06Q30/0601 G06Q20/203 G07G1/12 G06F17/30595 H04M1/72522 G06Q40/123 G06Q20/4016 H04L29/06 G06Q10/10 G06Q20/10 G06Q10/087 G06Q20/00 G06Q40/00 G06Q20/18 G06Q10/00 G06Q30/0201 G06Q20/02 G06Q20/14 G06Q20/20 G06Q20/227 G06Q40/12 G06Q40/02 G06Q20/102 G06F3/0482 G06Q40/10 G06Q40/04 G06Q30/02 G06Q30/0224 G06Q40/06 G06Q20/108 G06Q20/24 G06Q20/405 G06Q30/00

European: G06Q10/10 G06Q20/02 G06Q20/10 G06Q20/105 G06Q20/14 G06Q20/20 G06Q20/227 G06Q20/3674 G06Q30/0601 G06Q40/00 G06Q40/02 G06Q40/04 G06Q40/06 G06Q40/10 G06Q40/103

US: 1/1 705/16 705/17 705/26 705/26.1 705/26.8 705/28 705/30 705/30P 705/31 705/35 705/36.00R 705/36R 705/37 705/39 705/40 705/41 705/42 705/44 705/67 709/203 709/204 709/223 715/744 715/751

**Family:**

Publication number	Publication date	Application number	Application date
US2009150265 AA	20090611	US20070952457	20071207
US2011202438 AA	20110818	US20110094937	20110427
US2011218893 AA	20110908	US20110111998	20110520
US2013085919 AA	20130404	US20120658993	20121024
US2013218734 AA	20130822	US20130852776	20130328
US2013325675 AA	20131205	US20130960180	20130806
US2014006242 AA	20140102	US20130959045	20130805
US2014012722 AA	20140109	US20130967522	20130815
US2014058854 AA	20140227	US20120681745	20121120
US2014188678 AA	20140703	US20140196164	20140304
US2014188680 AA	20140703	US20140197539	20140305
US2016148316 AA	20160526	US20160012910	20160202
US2016328687 AA	20161110	US20160211296	20160715
US2017364919 AA	20171221	US20170691795	20170831
US7949579 BB	20110524	US20070952457	20071207
US8160941 BA	20120417	US20090388801	20090219
US8204804 BB	20120619	US20110111998	20110520
US8239270 BB	20120807	US20110094937	20110427
US8321310 BA	20121127	US20120430030	20120326
US8332273 BA	20121211	US20120535492	20120628
US8447666 BA	20130521	US20110177699	20110707
US8498909 BA	20130730	US20120680371	20121119
US8515836 BA	20130820	US20130759546	20130205
US8566187 BB	20131022	US20120658993	20121024
US8706579 BB	20140422	US20130959045	20130805
US8712874 BB	20140429	US20130960180	20130806
US8712875 BB	20140429	US20130967522	20130815
US8725602 BA	20140513	US20130940828	20130712
US8738475 BB	20140527	US20130852776	20130328
US9286637 BA	20160315	US20130023661	20130911
US9424609 BB	20160823	US20140197539	20140305
US9773247 BA	20170926	US20090388730	20090219
US9779403 BB	20171003	US20120681745	20121120
US9972052 BB	20180515	US20160012910	20160202
WO14081646 A2	20140530	WO2013US70477	20131118
WO14081646 A3	20140717	WO2013US70477	20131118

Priority:

US20070952457	20071207	US20090388730	20090219	US20090388801	20090219
US20110094937	20110427	US20110111998	20110520	US20110177699	20110707
US20120430030	20120326	US20120535492	20120628	US20120658993	20121024
US20120680371	20121119	US20120681745	20121120	US20130759546	20130205
US20130852776	20130328	US20130940828	20130712	US20130959045	20130805
US20130960180	20130806	US20130967522	20130815	US20130023661	20130911
US20140196164	20140304	US20140197539	20140305	US20160012910	20160202
US20160211296	20160715	US20170691795	20170831		

Probable Assignee: JPMORGAN CHASE BANK NA

Assignee(s): (std): FIELD MANNING ; JP MORGAN CHASE BANK N A ; JPMORGAN CHASE BANK NA ; KELD MARCIA M ; KELD MARCIA

Assignee(s): WILLIAM A COOK AUSTRALIA PTY LTD ; JP MORGAN CHASE BANK NA ; JPMORGAN CHASE BANK N A

Inventor(s): (std): KELD MARCIA M ; MCLNERNEY RYAN ; SZWALBENEST STAN ; ROSE MAURA ; RANGANATH SATYAN ;
MCINERNEY RYAN ; KELD MARCIA ; FIELD MANNING

Agent(s): GOODWIN PROCTER LLP; LECLAIRRYAN PLLC; SCHREINER STEPHEN T ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR
CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID
IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN
MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG
SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: SECURE IDENTITY BINDING (SIB)

Abstract: A system includes a tag having a machine readable tag identifier (Tag ID) configured to be read by a reader; and a **device** to be identified by the tag, in which: the **device** is configured to communicate with the reader; the **device** has access to a secure Tag ID; and the **device** communicates a verification to the reader if the machine readable Tag ID communicated to the **device** from the reader matches the secure Tag ID. A method includes: reading a Tag ID from a tag attached to a **device**; communicating the Tag ID read from the tag to the **device**; comparing a secure Tag ID of the **device** to the Tag ID read from the tag; and responding with a "match" or "no-match" **message** from the **device**, according to which the **device** is either trusted or not trusted as being identified by the Tag ID. A method of verifying a trusted agent (TA) on a **device** includes: storing a digital signature of the TA in a secure vault of the **device**; and verifying the TA by verifying the digital signature of the TA each time the TA is used.

Classifications:

International (IPC 8-9): G01S19/42 G06F15/16 G06F17/00

G06F21/00 G06F21/34 G06F21/35 G06F7/04 G06K7/01 G06Q20/00

G06Q20/02 G06Q20/10 G06Q20/32 G06Q20/34 G06Q20/38

G06Q20/40 G06Q30/00 G06Q40/00 H04K1/00 H04L29/06 H04L9/30

H04L9/32 H04W12/00 H04W12/06 H04W12/10 (Advanced/Invention);

H04L9/28 (Advanced/Non-invention);

G06Q20/00 (Core/Invention)

IPC: H04L63/1483 H04L63/168 G06F21/554 H04L63/1416

G06Q20/10 G06Q20/3229 G06Q20/3278 G06Q20/3823 G06Q30/0633

G06Q20/3552 G06Q20/3825 H04L9/3247 H04L9/3231 H04L9/3234

G06Q20/405 G06Q20/3829 G06F21/35 G06F21/34 H04L9/3271

H04L63/0853 H04L2209/56 H04L2209/805 G06Q20/401 H04W12/00

G06Q20/3227 G06Q20/02 G06Q20/32 G06Q20/382 G06Q20/40

H04L63/126 H04L63/14 H04W12/10 H04L9/006 H04L9/321

H04L2209/80

European: G06F21/55B G06Q20/02 G06Q20/10 G06Q20/32

G06Q20/3227 G06Q20/3229 G06Q20/3278 G06Q20/3552

G06Q20/382 G06Q20/3823 G06Q20/40 G06Q30/0633

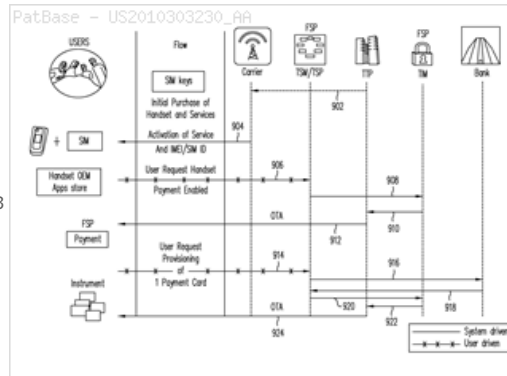
H04L29/06S12B H04L29/06S14 H04L29/06S14A1 H04L29/06S16G H04L63/12B H04L63/14 H04L63/14A1 H04L63/16G

H04L9/08F2H2 H04L9/32C H04L9/32G H04L9/32J4 H04L9/32K H04L9/32L H04L9/32N H04L9/32S T04L209/56 T04L209/80A

US: 1/1 235/375 235/375S 340/10.42 340/10.420S 340/5.8 340/5.800S 340/6.1 340/6.100S 340/825.36 342/357.25

342/357.250S 380/28 380/28S 380/30 380/30P 705/26 705/26.8 705/26.800P 705/39 705/39S 705/44 705/44P 709/202

709/202S 713/156 713/156P 713/168 713/170 726/2 726/2P 726/3

**Family:**

Publication number	Publication date	Application number	Application date
BRPI1013175 A2	20160405	BR2010PI13175	20100519
BRPI1013176 A2	20160510	BR2010PI13176	20100526
EP2435963 A1	20120404	EP20100781146	20100526
EP2435963 A4	20140521	EP20100781146	20100526
IN08768CN2011 A	20130215	IN2011CN08768	20111128
IN08769CN2011 A	20121228	IN2011CN08769	20111128
MX2011012670 A1	20120430	MX20110012670	20100519
MX2011012671 A1	20120508	MX20110012671	20100526
RU2011153984 A	20130710	RU20110153984	20100526
RU2011153985 A	20130710	RU20110153985	20100519
RU2523304 C2	20140720	RU20110153984	20100526
RU2537795 C2	20150110	RU20110153985	20100519
US2010303230 AA	20101202	US20100718912	20100305
US2010306076 AA	20101202	US20090643972	20091221
US2010306107 AA	20101202	US20100751733	20100331
US2010306531 AA	20101202	US20100732168	20100325
US2010306819 AA	20101202	US20100752988	20100401
US2015288521 AA	20151008	US20150745314	20150619
US2016005039 AA	20160107	US20150853929	20150914
US2018068298 AA	20180308	US20170677219	20170815
US8650614 BB	20140211	US20100752988	20100401
US9135424 BB	20150915	US20100718912	20100305
US9467292 BB	20161011	US20150745314	20150619
US9734496 BB	20170815	US20100751733	20100331
WO10138358 A1	20101202	WO2010US35462	20100519
WO10138359 A1	20101202	WO2010US35465	20100519
WO10138611 A1	20101202	WO2010US36229	20100526
WO10138613 A1	20101202	WO2010US36231	20100526
WO10138615 A1	20101202	WO2010US36233	20100526

Priority:

US20090182623P 20090529	US20090182644P 20090529	US20090643972 20091221
US20100718912 20100305	US20100732168 20100325	US20100751733 20100331
US20100752988 20100401	WO2010US35462 20100519	WO2010US36229 20100526
US20150745314 20150619	US20150853929 20150914	US20170677219 20170815

Probable Assignee: PAYPAL INC

Assignee(s): (std): DUPRAT ERIC ; EBAY INC ; IBEHJ INK ; NAHARI HADI ; SANIN ALEKSEY V ; TAVEAU SEBASTIEN ; PAYPAL INC

Inventor(s): (std): NAHARI HADI ; NAKHARI KHADI ; SANIN ALEKSEY V ; DJUPRA EHRIC ; DUPRAT ERIC ; TAVEAU SEBASTIEN ; TAVO SEBAST EN

Inventor(s): HADI NAHARI ; ERIC DUPRAT ; SEBASTIEN TAVEAU

Agent(s): CURLEY DONNACHA JOHN; HAYNES AND BOONE LLP IP SECTION; HAYNES AND BOONE LLP; DRINKER BIDDLE AND REATH LLP; BOWLS DAVID B; BOWLS DAVID

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL

IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT
MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST
SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: SYSTEMS AND METHODS TO FACILITATE **SELLING** OF **PRODUCTS** AND SERVICES

Abstract: The system of the present invention provides systems and methods for **selling** goods and services in conjunction with the Internet. The system **receives** session information on a customer's website session from the enterprise's website and may also **receive** customer information on the customer from the enterprise. The system determines from the **received** information whether the customer represents a sales opportunity, based on a set of rules of engagement for the enterprise and whether the customer wants or could use assistance from a sales associate. The system further produces a ranked list of sales associates matched for each sales opportunity. A customer queue is created for each sales associate that has the sales opportunities matched with the sales associate. The system determines, for a first sales associate, a number of sales opportunities to approach at one time in the first sales associate's customer queue, automatically approaches the customers associated with each sales opportunity in the customer queue for the first sales associate and requests whether the customer desires assistance from a sales associate until the number of sales opportunities to approach is reached or the customer contacted previously requested assistance from a sales associate, **receives** responses from the customers, determines, for a response from a customer desiring assistance, if the first sales associate is available to assist the customer desiring assistance, and passes the customer desiring assistance to the first sales associate, if the first sales associate is available.

Classifications:

International (IPC 8-9): G06F15/16 G06F17/00 G06F17/30

G06Q20/00 G06Q30/00 G06Q30/02 G06Q30/06 H04L12/26

H04L29/06 H04L29/08 (Advanced/Invention);

G06F15/16 (Advanced/Non-invention);

G06F17/00 G06F17/30 G06Q30/00 (Core/Invention);

G06F H01S (Subclass/Invention)

International (IPC 1-7): G06F17/60 H01S

CPC: G06F17/3089 G06Q30/0201 G06Q30/00 G06Q30/0601

G06Q30/06 G06Q30/0613 G06Q30/0617 G06Q30/0623 G06Q30/0641

H04L43/08 H04L67/22 H04L67/306 H04L65/1096 H04L65/4023

G06Q30/01

European: G06F17/30W7 G06Q30/00 G06Q30/0201 G06Q30/06

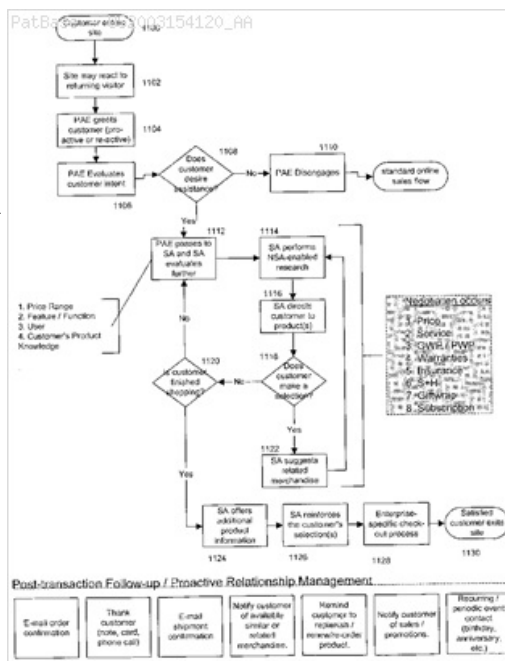
G06Q30/0613 G06Q30/0617 G06Q30/0623 G06Q30/0641

US: 379/265.09 705/1 705/10 705/10P 705/10S 705/26 705/26.1

705/26.41 705/26.410P 705/26.43 705/26.430P 705/26.61

705/26.610S 705/26P 705/27 705/27.1 705/27.100S 705/7.14

705/7.29 705/7.290P 705/9 705/9P



Family:

Publication number	Publication date	Application number	Application date
AU2002241615 AA	20020611	AU20020241615	20011026
AU200241615 A1	20020611	AU20020041615	20011026
AU200241615 A5	20020611	AU20020041615	20011026
AU2003299853 AA	20040722	AU20030299853	20031222
CA2427127 AA	20030425	CA20012427127	20011026
CA2511123 AA	20050620	CA20032511123	20031222
EP1332460 A2	20030806	EP20010988298	20011026
EP1586060 A2	20051019	EP20030800127	20031222
EP1586060 A4	20060329	EP20030800127	20031222
JP2006511873 T2	20060406	JP20040564001T	20031222
US2003154120 AA	20030814	US20020326453	20021220
US2004153368 AA	20040805	US20010922753	20010806
US2005044008 AA	20050224	US20040945303	20040920
US2005091123 AA	20050428	US20040945073	20040920
US2005097000 AA	20050505	US20040945145	20040920
US2006015390 AA	20060119	US20040980613	20041103
US2014372240 AA	20141218	US20140288258	20140527
US2017171047 AA	20170615	US20160294441	20161014
US7526439 BB	20090428	US20020326453	20021220
US7657465 BB	20100202	US20040945303	20040920
US7739149 BB	20100615	US20040945145	20040920
US8868448 BB	20141021	US20010922753	20010806
US9576292 BB	20170221	US20140288258	20140527
US9819561 BB	20171114	US20160294441	20161014
WO0244864 A2	20020606	WO2001US48046	20011026
WO0244864 C1	20030515	WO2001US48046	20011026
WO04059805 A2	20040715	WO2003US41090	20031222
WO04059805 A3	20041014	WO2003US41090	20031222
WO06050503 A2	20060511	WO2005US40012	20051103
WO06050503 A3	20071206	WO2005US40012	20051103
WO06050503 C2	20060713	WO2005US40012	20051103

Priority:

US20000244039P 20001026
US20010922753 20010806

US20000244039P 20001026
WO2001US48046 20011026

US20010922753 20010806
US20020326453 20021220

WO2003US41090 20031222 US20040945073 20040920 US20040945303 20040920
US20040945145 20040920 US20040980613 20041103 US20140288258 20140527
US20160294441 20161014

Probable Assignee: LIVEPERSON INC

Assignee(s): (std): DERNAVICH JEFFREY S ; DORAN STACEY ; FREISHTAT GREGG ; FREISHTAT GREGG S ; HUFFORD STEVE ; PROFICIENT SYSTEMS INC ; KAIB PAUL ; RIJSINGHANI VIKAS ; LIVEPERSON INC ; MCFALL DODGE ; HYMAN TANYA ; WILSON JACKSON ; WILSON JACKSON L III

Assignee(s): PROFICIENT SYSTEMS INC820-2859 PACES FERRY ROADATLANTAGA30339US ; WILSON JACKSON L

Inventor(s): (std): JEFFREY S DERNAVICH ; KAIB PAUL ; MCFALL DODGE ; PAUL KAIB ; RIJSINGHANI VIKAS ; STACEY DORAN ; GREGG S FREISHTAT ; HUFFORD STEVE ; HYMAN TONYA ; JACKSON L III WILSON ; WILSON JACKSON ; WILSON JACKSON L ; HYMAN TANYA ; WILSON JACKSON L III ; WILSON III JACKSON L ; FREISHTAT GREGG ; FREISHTAT GREGG S ; DORAN STACEY ; DERNAVICH JEFFREY S

Inventor(s): DODGE MCFALL ; GREGG FREISHTAT ; VIKAS RIJSINGHANI ; TONYA HYMAN ; STEVE HUFFORD ; JACKSON WILSON ; FREISHTAT GREGG SUS ; DORAN STACEYUS ; DERNAVICH JEFFREY SUS ; WILSON JACKSON L IIIUS ; KAIB PAULUS

Agent(s): GRIFFITH HACK; FINLAYSON AND SINGLEHURST; SMART AND BIGGAR; NEEDLE AND ROSENBERG PC; BALLARD SPAHR ANDREWS AND INGERSOLL LLP; BALLARD SPAHR LLP; KILPATRICK TOWNSEND AND STOCKTON LLP

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: ROTATING MACHINE ACTIVE BALANCER AND METHOD OF DYNAMICALLY BALANCING A ROTATING MACHINE SHAFT WITH TORSIONAL VIBRATIONS

Abstract: An active balancer for dynamically balancing a rotating machine is provided. The active balancer has a balancer body which rotates with the rotating machine and at least one controllable position counter weight having a real-time adjustable position relative to the balancer body and the rotating machine in order to produce an actively adjustable controllable counter weight balance force for dynamically balancing the rotating machine. The active balancer includes a spring with the balancer body mounted to the rotating machine through the spring wherein the balancer body mass resonates on the spring with a torsional vibration canceling frequency which cancels a torsional vibration of the rotating machine.

Classifications:

International (IPC 8-9): F16F15/12 G01M1/36 G03B17/00 G03B17/56 G06F17/00 G06F3/00 G06F3/048 G06Q30/00 G06Q40/00 G06Q50/00 G06Q99/00 H05K5/02 H05K7/00 H05K7/14 (Advanced/Invention); F16F15/12 G01M1/00 G06F3/00 G06F3/048 G06Q40/00 G06Q50/00 (Core/Invention)

International (IPC 1-7): F16F15/14 F16F15/36

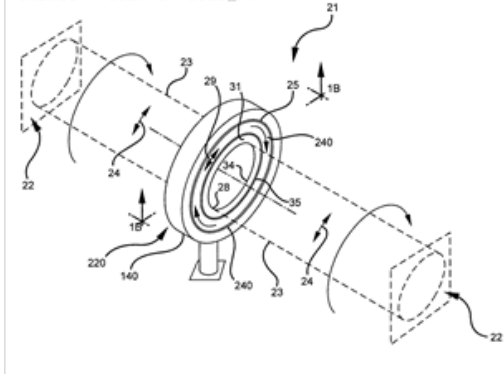
CPC: G01M1/36 F16F15/1414 F16F15/36 Y10T74/2128 Y10T464/50 G06Q40/04 G06Q40/06 G06Q30/08 F16M11/041 F16M11/14 F16M13/022

European: F16F15/14B1 F16F15/36 F16M11/04A F16M11/14 F16M13/02A G01M1/36 G06F3/033A1 G06Q30/08 G06Q40/04 G06Q40/06

US: 312/223.1 312/223.100S 361/679.01 361/679.010S 396/419 396/428 396/428P 464/180 705/36.00RP 705/36R 705/37 705/37P 705/37S 715/733 715/733S 715/781 715/781S 715/788 715/788S 73/468 73/468P 74/574.2 D16/242

Locarno class: 16/05

PatBase - US2006005623_AA



Family:

Publication number	Publication date	Application number	Application date
US2006005623 AA	20060112	US20050178860	20050711
US2006010066 AA	20060112	US20050180330	20050712
US2006080223 AA	20060413	US20050222147	20050908
US2008154764 AA	20080626	US20080012337	20080131
US2008162378 AA	20080703	US20080012866	20080206
US2010076906 AA	20100325	US20090578677	20091014
US2010094777 AA	20100415	US20090618100	20091113
US2010114753 AA	20100506	US20090645545	20091223
US2010293110 AA	20101118	US20100832136	20100708
US2011238555 AA	20110929	US20110032812	20110223
US2011251942 AA	20111013	US20110032766	20110223
US2012114324 AA	20120510	US20120350333	20120113
US7620586 BB	20091117	US20050222147	20050908
US7717013 BB	20100518	US20050178860	20050711
US8414201 BB	20130409	US20120350333	20120113
USD677709 S1	20130312	US20110404964F	20111027
USD683383 S1	20130528	US20110404962F	20111027
WO06017201 A1	20060216	WO2005US24402	20050711
WO06017243 A2	20060216	WO2005US24590	20050712
WO06017243 A3	20070614	WO2005US24590	20050712
WO06029334 A2	20060316	WO2005US32189	20050908
WO06029334 A3	20081023	WO2005US32189	20050908

Priority:

US20040587242P 20040712	US20040587243P 20040712	US20040607856P 20040908
US20050178860 20050711	US20050180330 20050712	WO2005US24590 20050712
US20050222147 20050908	WO2005US32189 20050908	US20080012337 20080131
US20080023866 20080131	US20080012866 20080206	US20080126004P 20080430
US20080106753P 20081020	US20090430918 20090428	US20090578677 20091014
US20090618100 20091113	US20090645545 20091223	US20100832136 20100708
US20110032812 20110223	US20110032766 20110223	US20110404962F 20111027
US20110404964F 20111027	US20120350333 20120113	

Probable Assignee: ROSENTHAL COLLINS GROUP LLC

Assignee(s): (std): COLLINS J ROBERT ; DORSETT JEFF ; HILDEBRAND STEVE ; LORD CORP ; MILLER LANE ; ROSENTHAL COLLINS GROUP L L C ; ROSENTHAL COLLINS GROUP LLC ; ROSENTHAL LESLIE ; SKEOCH JAMES STEVEN ; MESSINGER GIOIA ; VOLKERT ERICH SCOTT ; VOLKERT ERICH ; AVAAK INC

Assignee(s): COLLINS J ; TOYO TIRE AND RUBBER CO LTD

Inventor(s): (std): VOLKERT ERICH SCOTT ; VOLKERT ERICH ; SKEOCH JAMES STEVEN ; SADR AMIR ; ROSENTHAL LESLIE ; OSMANSKI PETER A ; MESSINGER GIOIA ; LEVINE BENJAMIN D ; JOHNSON CHERYL A ; EUBANK MATTHEW B ; EUBANK MATT ; DORSETT JEFF ; COLLINS J ROBERT ; COLLINS J R ; BURKHART MICHAEL R ; ANDERSON CHRISTOPHER A ; MILLER LANE ; HILDEBRAND STEPHEN ; HILDEBRAND STEVE

Inventor(s): COLLINS J

Agent(s): LORD PATENT AND LEGAL SERVICES CORP; LESAVICH HIGH TECH LAW GROUP PC; STEPHEN; EDWARD F; MANUEL DE LA; MANUEL F; MANUEL

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: **PROCESS** AND SYSTEM FOR AN INTEGRATED CARRIER ETHERNET EXCHANGE

Abstract: An Ethernet exchanger is coupled to two or more Ethernet **networks** to exchange information among the two or more Ethernet **networks** using virtual circuits. A first Ethernet **network** is associated with a first carrier and a first port of the Ethernet exchanger. A second Ethernet **network** is associated with a second carrier and a second port of the Ethernet exchanger. **Network** information of the first Ethernet **network** and **network** information of the second Ethernet **network** are provided by the respective first carrier and the second carrier and stored in a database. A virtual circuit is provisioned to interconnect the first Ethernet **network** and the second Ethernet **network** based on a partnership between the first carrier and the second carrier and based on the stored information about the first **network** and the second **network**. The virtual circuit is associated with the first port and the second port. The stored information about the first **network** or the second **network** is reusable for subsequent provisioning of other virtual circuits associated with the first carrier or the second carrier.

Classifications:

International (IPC 8-9): G06F11/30 G06F11/34 G06F15/16 G06F15/173 G06F17/00 G06F17/30 G06F21/00 G06F21/60 G06F3/00 G06F3/01 G06F9/00 G06F9/44 G06Q10/06 G06Q20/00 G06Q30/00 G06Q30/06 H04L12/24 H04L12/26 H04L12/28 H04L12/46 H04L12/56 H04L12/66 H04L12/70 H04L12/935 H04L29/08 H04L9/32 (Advanced/Invention);

G06F11/34 H04L12/24 (Advanced/Non-invention)

CPC: H04L49/3054 G06Q30/0611 G06Q10/06 G06F21/604 G06F11/3089 G06F11/3438 H04L41/28 H04L41/5006 H04L12/4625 H04L12/4641 H04L67/22 H04L41/0893 H04L41/5003 H04L41/5054 H04L41/0896

European: G06F21/60B G06Q10/06 G06Q30/0611 H04L49/00 H04L49/30F

US: 1/1 370/389 370/389P 370/395.53 370/401 370/401P 705/26.1 705/26.4 705/26.400P 705/80 707/784 707/784P 707/E17.005 707/E17.005S 707/E17.018 707/E17.018S 707/E17.045 707/E17.045S 709/223 709/224 709/224P 709/249 709/249P 715/234 715/744 715/744S 719/328 719/328S 726/6 726/7 726/7P



Family:

Publication number	Publication date	Application number	Application date
DE602010048881 D1	20180329	DE201060048881T	20100903
EP2473913 A1	20120711	EP20100814582	20100903
EP2473913 A4	20170524	EP20100814582	20100903
EP2473925 A1	20120711	EP20100814578	20100903
EP2473925 A4	20170125	EP20100814578	20100903
EP2473925 B1	20180228	EP20100814578	20100903
EP2474131 A1	20120711	EP20100814576	20100903
EP2474131 A4	20170531	EP20100814576	20100903
EP2474132 A1	20120711	EP20100814586	20100903
EP2474132 A4	20170222	EP20100814586	20100903
EP2510420 A1	20121017	EP20100836787	20101210
EP2510420 A4	20170315	EP20100836787	20101210
EP2510466 A1	20121017	EP20100836786	20101210
EP2510466 A4	20161116	EP20100836786	20101210
EP2510473 A1	20121017	EP20100836785	20101210
EP2510473 A4	20170215	EP20100836785	20101210
JP2013504269 T2	20130204	JP20120528101T	20100903
JP2013504270 T2	20130204	JP20120528104T	20100903
JP5631401 B2	20141126	JP20120528101T	20100903
JP5631402 B2	20141126	JP20120528104T	20100903
SG10201408205X A1	20150129	SG20141008205	20101210
SG10201408206S A1	20150129	SG20141008206	20101210
SG10201408231Q A1	20150129	SG20141008231	20101210
SG178968 A1	20120427	SG20120015095	20100903
SG178969 A1	20120427	SG20120015103	20100903
SG181547 A1	20120730	SG20120041729	20101210
SG181548 A1	20120730	SG20120041737	20101210
SG181621 A1	20120730	SG20120042701	20101210
US2011058547 AA	20110310	US20100875039	20100902
US2011058565 AA	20110310	US20100875054	20100902
US2011060657 AA	20110310	US20100875048	20100902
US2011060846 AA	20110310	US20100875042	20100902
US2011145292 AA	20110616	US20100964658	20101209
US2011145399 AA	20110616	US20100964677	20101209
US2011145903 AA	20110616	US20100964629	20101209
US2013013442 AA	20130110	US20120614865	20120913
US2013018753 AA	20130117	US20120614841	20120913
US8379656 BB	20130219	US20100875054	20100902
US8509249 BB	20130813	US20100875039	20100902
US8537845 BB	20130917	US20120614865	20120913
US8583503 BB	20131112	US20100875048	20100902
US8751323 BB	20140610	US20120614841	20120913
US8756344 BB	20140617	US20100875042	20100902
US9082091 BB	20150714	US20100964629	20101209
US9269061 BB	20160223	US20100964677	20101209
US9595013 BB	20170314	US20100964658	20101209
WO11029030 A1	20110310	WO2010US47862	20100903
WO11029036 A1	20110310	WO2010US47871	20100903
WO11029042 A1	20110310	WO2010US47878	20100903
WO11029047 A1	20110310	WO2010US47884	20100903

WO11072270 A1	20110616	WO2010US59970	20101210
WO11072270 A8	20120823	WO2010US59970	20101210
WO11072271 A1	20110616	WO2010US59971	20101210
WO11072272 A1	20110616	WO2010US59973	20101210

Priority:

US20090239997P	20090904	US20090285371P	20091210	US20100323066P	20100412
US20100875039	20100902	US20100875042	20100902	US20100875048	20100902
US20100875054	20100902	EP20100814578	20100903	WO2010US47871	20100903
WO2010US47878	20100903	WO2010US47862	20100903	WO2010US47884	20100903
US20100964658	20101009	US20100964677	20101209	US20100964629	20101209
US20100964658	20101209	WO2010US59973	20101210	WO2010US59970	20101210
WO2010US59971	20101210	US20120614865	20120913	US20120614841	20120913

Probable Assignee: EQUINIX INC

Assignee(s): (std): WALDROP CRAIG ALAN ; PATTERSON LANE GORDON ; PATERSON LANE GORDON ; JEYAPPAUL JAGANATHAN ; LILLIE BRIAN JAMES ; PANCHAL PRAGNESH SHASHIKANT ; JANKEN NATHAN ; NAVARATNA MOHAN ; YOUN SUKWAN ; WENG TSUNYEN ; DORAISWAMY VIJAAY ; EQUINIX INC ; FELBINGER KIRK ; EQUINIX INC

Assignee(s): EQUINIX INC REDWOOD CITY

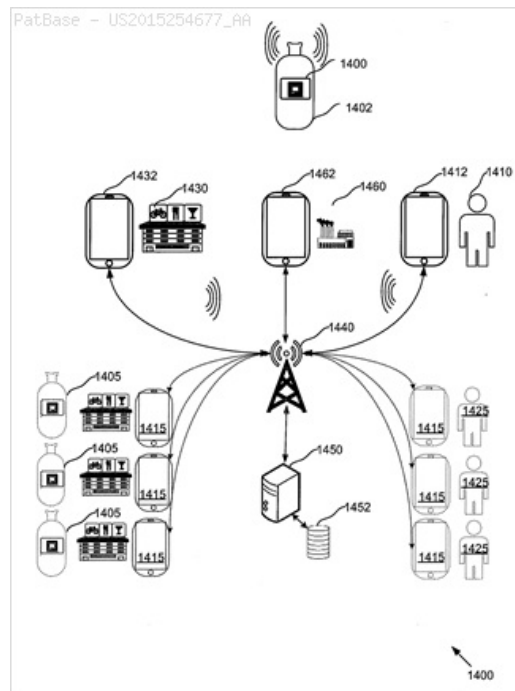
Inventor(s): (std): DORAISWAMY VIJAAY ; FELBINGER KIRK ; JEYAPPAUL JAGANATHAN ; LILLIE BRIAN JAMES ; JANKEN NATHAN ; MOHAN NAVARATNA ; WALDROP CRAIG ALAN ; YOUN SUKWAN ; PATTERSON LANE GORDON ; PATERSON LANE GORDON ; PANCHAL PRAGNESH SHASHIKANT ; WENG TSUNYEN ; NAVARATNA MOHAN

Agent(s): BARTLE ROBIN JONATHAN; MANLEY NICHOLAS MICHAEL; DREW AND NAPIER LLC; RUTAN AND TUCKER LLP; SHUMAKER AND SIEFFERT PA; FERRILL THOMAS S; TRAN DAVID N

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Abstract: A dynamic object tag for a **product** and systems and methods relating thereto is disclosed. The dynamic object tag comprises a hardware security module, including an **electronic** storage module, and a communication module for communicating with an interrogation **device**. The hardware security module is adapted to establish a secure communication channel with the interrogation **device**, to exchange dynamic authentication parameters with the interrogation **device**, and to communicate **product** information stored on the **electronic** storage module to the interrogation **device** over the secure communication channel.

International (IPC 8-9): G06F21/10 G06F21/72 G06F21/73
G06K19/07 G06K19/73 G06K7/10 G06Q30/00 G06Q30/02
G07G3/00 G09F3/03 H04L29/06 H04W12/06 (Advanced/Invention);
H04L29/06 H04W12/06 (Advanced/Non-invention);
G06K (Subclass/Invention)
CPC: G06Q30/0185 H04L63/08 G06Q30/0269 G06Q2220/16
G06F21/10 G06F21/72 G06F21/73 G06F2221/2111 G06K19/0709
G06K19/073 G06Q30/0225 G07G3/003 H04L63/0492 H04L63/0838
H04W12/06
US: 705/14.66 705/57 726/3



Publication number	Publication date	Application number	Application date
AU2013319831 AA	20140327	AU20130319831	20130920
AU2016266016 AA	20161215	AU20160266016	20161130
CN104823200 A	20150805	CN201380059774	20130920
CN104823200 B	20170718	CN201380059774	20130920
EP2898447 A2	20150729	EP20130838381	20130920
EP2898447 A4	20160302	EP20130838381	20130920
HK1207727 A1	20160205	HK20150108311	20150827
US2015254677 AA	20150910	US20130428310	20130920
US9928513 BB	20180327	US20130428310	20130920
WO14045236 A2	20140327	WO20131B58700	20130920
WO14045236 A3	20140515	WO20131B58700	20130920

ZA20120007105	20120921	ZA20120008256	20121102	ZA20120008932	20121127
ZA20120009320	20121210	ZA20120009668	20121220	AU20130319831	20130920
WO20131B58700	20130920	AU20160266016	20161130		

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UB UG UZ VC VN ZA ZM ZW

Abstract: The present invention relates to transaction **processing**, for **processing** of **payments** between **payer**'s (usually individual **payers**) and **payee**'s (usually merchants. 5 Conventionally, a **payment** transaction involves a user's account details being provided to a merchant **device**, eg. by swiping a card in the card swipe of the merchant **device**. The merchant **device** then prepares a transaction **message** including information such as the user's account ID, merchant ID and **payment** information and forwards that **message** to a transaction **processing** system, which may comprise a transaction **acquirer** 10 and an issuing bank. The transaction **processing** system approves the **payment** and returns confirmation to the merchant. In the present invention a **device** associated with the **payer**, which in a preferred embodiment is a suitably adapted mobile telephone, becomes involved in the **payment** transaction **process**. 15 At one level, the transaction **processing** system requests from the **payer electronic device** confirmation that the transaction should proceed and the **payer** keys in an appropriate PN to authorise the transaction. At another level, all the transaction **processing** information is provided from the **payer electronic device** to the transaction **processing** system and the transaction 20 **processing** system or the **payer electronic device** then confirm that the transaction is authorised to the merchant **device**. This takes the burden of transaction **processing** off the merchant and also increases the security of the transaction as the **payer** is in control. In a further embodiment, the **payer electronic device** may also upload listings of **products** and **select products** at the same time as **paying** for them, the **payee** 25 (merchant) being advised of the **selected product**. TRANSACTION **PROCESSING**, **PAYEE ELECTRONIC PAYER ELECTRONIC DEVICE** ASSOCIATED **DEVICE** ASSOCIATED WITH **PAYEE** WITH A **PAYER** INFORMATION WITH THE **PAYER** Fig. 1 TRANSACTION [1 Fig. 2

Classifications:

```

graph TD
    TPS[TRANSACTION PROCESSING SYSTEM]
    PED1[PAYER ELECTRONIC DEVICE ASSOCIATED WITH PAYER]
    PED2[PAYER ELECTRONIC DEVICE ASSOCIATED WITH A PAYER]
    IATP[INFORMATION ASSOCIATED WITH THE PAYER]
    TPS --- PED1
    TPS --- PED2
    TPS --- IATP
  
```

Fig. 1

Publication number	Publication date	Application number	Application date
AU2011253607 AA	20111215	AU20110253607	20111123
AU2011253607 BB	20130110	AU20110253607	20111123
AU2013203552 AA	20130509	AU20130203552	20130410
AU2015215957 AA	20151001	AU20150215957	20150821

AU20040903470	20040625	AU20040903997	20040719	AU20040904941	20040830
AU20050901230	20050314	AU20050256142	20050624	AU20110253607	20111123
AU20130203552	20130410	AU20150215957	20150821		

PatBase PDF Export - Page: 39 25/05/2018

Title: CHAT ENABLED ONLINE MARKETPLACE SYSTEMS AND METHODS

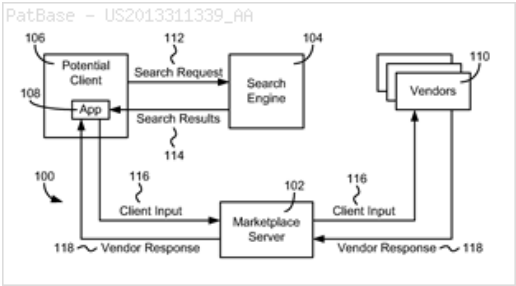
Abstract: Embodiments of this disclosure relate to a computer-implemented method including the step of presenting on a graphical user interface reporting search results for a product, information for a plurality of potential vendors of the product. The method further includes presenting, on the graphical user interface, an option to interact with each of a subset of the potential vendors. The method also includes generating an interactive session between the user initiating the search and a selected vendor of the subset of the potential vendors.

Classifications:

International (IPC 8-9): G06F17/30 G06F3/0482 G06F3/0484
G06Q30/00 G06Q30/06 G06Q50/30 H04L12/58
H04L29/06 (Advanced/Invention)

CPC: G06Q30/0601 G06Q30/0613 G06F17/30864 H04L51/046
G06Q30/0641 G06F3/0482 G06F3/04842 G06Q30/0625 H04L65/403
H04L51/32 G06F3/0484 H04L51/20 G06F17/30867 H04L51/04
G06Q10/10 G06Q10/107

US: 705/26.41 705/26.62 705/27.1 715/753 715/758



Family:

Publication number	Publication date	Application number	Application date
US2013311339 AA	20131121	US20120474633	20120517
US2014351093 AA	20141127	US20140293930	20140602
US2015235289 AA	20150820	US20150703783	20150504
US2015302103 AA	20151022	US20150789944	20150701
US2015319203 AA	20151105	US20150800620	20150715
WO16106248 A1	20160630	WO2015US67194	20151221

Priority:

US20120474633 20120517 US20140293930 20140602 US20140095708P 20141222
US20150106229P 20150122 US20150703783 20150504 US20150789944 20150701
US20150800620 20150715

Probable Assignee: JEREMIAS LEO

Assignee(s): (std): JEREMIAS LEO

Inventor(s): (std): JEREMIAS LEO

Agent(s): ZIEBERT JOSEPH ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: FINGERPRINT BIOMETRIC CAPTURE **DEVICE** AND METHOD WITH INTEGRATED ON-CHIP DATA BUFFERING

Abstract: Invention provides a fingerprint biometric capture sensor **device** and method for capturing and either reconstructing fingerprint image or information concerning fingerprint without actually performing fingerprint image reconstruction. In another aspect, fingerprint biometric capture sensor **device** is integrated with on-chip data buffering. In another aspect, sensor **device** is integrated with on-chip **processor**. In another aspect, invention provides a fingertip sensor system including: fingertip sensor **device** generating analog first electrical signal representing feature of fingertip in response to placing fingertip in proximity with sensor **device**; analog-to-digital converter coupled with and **receiving** analog first electrical signal from sensor **device** and converting first electrical signal to a digital second electrical signal; at least one buffer coupled with and **receiving** digital second electrical signal from analog-to-digital converter and storing information corresponding to at least a portion of digital second electrical signal therein; and logic controlling operation of sensor, analog-to-digital converter, buffer, and host interface circuit.

Classifications:

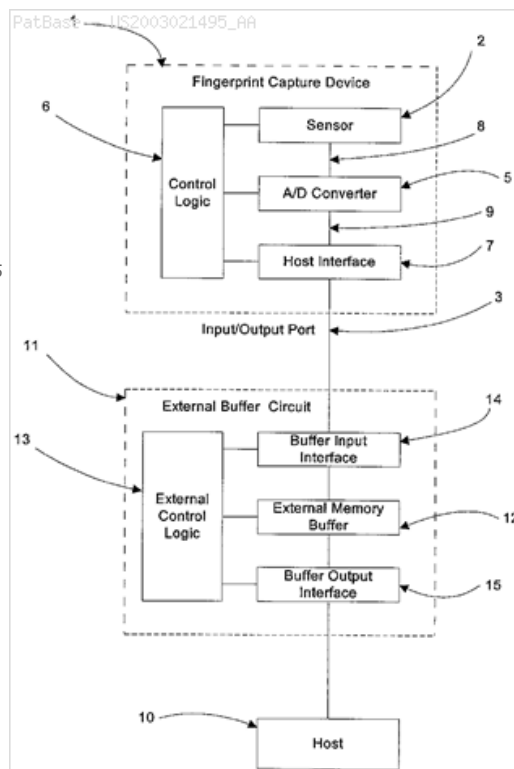
International (IPC 8-9): G06K9/00 G06Q10/00 G06Q10/02 G06Q20/00 G06Q20/04 G06Q20/40 G06Q30/00 G06Q30/06 G07C9/00 H04L9/32 H04N1/387 (Advanced/Invention); G06K9/00 G06Q10/00 G06Q20/00 G06Q30/00 G07C9/00 (Core/Invention)

International (IPC 1-7): G05B19/00 G05B23/00 G06F1/00 G06F11/30 G06F12/14 G06F7/00 G06F7/04 G06K19/00 G06K7/00 G06K9/00 G08B29/00 G08C19/00 H04B3/00 H04K1/00 H04L9/00 H04L9/32 H04N1/387 H04Q1/00 H04Q9/00

CPC: G07C9/00158 H04L9/3231 H04L2209/08 H04L2209/805 H04L9/3213 H04L9/3263 H04L9/3271 H04L2209/56 G06Q20/40 G06K9/00013 G06Q20/32 G06Q20/3223 G06Q20/389 G06Q20/40145 G06K9/00026 G06Q10/02 G06Q20/04 G06Q20/4016 G06Q30/06

European: G06F17/60B G06F17/60C7 G06K9/00A1 G06K9/00A1C G06Q10/02 G06Q20/04 G06Q20/32 G06Q20/3223 G06Q20/389 G06Q20/40 G06Q20/40145 G06Q20/4016 G06Q30/06 G07C9/00C2D H04L9/32T

US: 340/5.53 340/5.82 340/5.82S 340/5.83 382/115 382/115S 382/124 382/124P 382/124S 382/125 382/312 382/312P 713/185 713/185P 713/186 713/186P 713/186S 713/202 726/5 726/5P 902/3

**Family:**

Publication number	Publication date	Application number	Application date
AU2002316679 AA	20030129	AU20020316679	20020712
AU2002316679 AH	20081218	AU20020316679	20020712
AU2002319630 AA	20030129	AU20020319630	20020710
AU2002322578 AA	20030129	AU20020322578	20020710
AU2002330871 AA	20030129	AU20020330871	20020712
AU2002332414 AA	20030129	AU20020332414	20020712
AU2002346107 AA	20030129	AU20020346107	20020712
EP1573426 A2	20050914	EP20020747003	20020712
EP1573426 A4	20091125	EP20020747003	20020712
JP2005531935 T2	20051020	JP20030512825T	20020712
TWI235584 B	20050701	TW20020115450	20020711
US2003021495 AA	20030130	US20020099558	20020313
US2003101348 AA	20030529	US20020194959	20020712
US2003115475 AA	20030619	US20020194444	20020712
US2003115490 AA	20030619	US20020194949	20020712
US2003126448 AA	20030703	US20020194994	20020712
US2007274575 AA	20071129	US20070707624	20070216
US7197168 BB	20070327	US20020194994	20020712
US7751595 BB	20100706	US20070707624	20070216
WO03007121 A2	20030123	WO2002US22163	20020712
WO03007121 A3	20030605	WO2002US22163	20020712
WO03007121 B1	20030807	WO2002US22163	20020712
WO03007125 A2	20030123	WO2002US22200	20020712
WO03007125 A3	20030612	WO2002US22200	20020712
WO03007125 C2	20030912	WO2002US22200	20020712
WO03007127 A2	20030123	WO2002US22211	20020712
WO03007127 A3	20081120	WO2002US22211	20020712
WO03007127 C2	20030327	WO2002US22211	20020712
WO03007218 A2	20030123	WO2002US23238	20020710
WO03007218 A3	20031113	WO2002US23238	20020710
WO03007218 B1	20040311	WO2002US23238	20020710
WO03007527 A2	20030123	WO2002US21922	20020712
WO03007527 A3	20031218	WO2002US21922	20020712
WO03007538 A1	20030123	WO2002US23237	20020710

Priority:

US20010305120P 20010712	US20020099554 20020313	US20020099558 20020313
WO2002US23238 20020710	WO2002US23237 20020710	US20020194444 20020712
US20020194949 20020712	WO2002US22163 20020712	WO2002US22200 20020712
WO2002US22211 20020712	US20020194959 20020712	WO2002US21922 20020712
US20020194994 20020712	US20070707624 20070216	

Probable Assignee: APPLE INC**Assignee(s):** (std): ATRUA TECHNOLOGIES INC ; AUTHENTEC INC ; CHENG ERICSON ; CONTROL SECURITY INC I ; ICONTROL TRANSACTIONS INC ; RUSSO ANTHONY P ; MCCOY PETER A ; HOWELL MARK ; ROESKE THORSTEN ; CONTROL SECURITY SECURITY INC**Assignee(s):** SILICON VALLEY BANK ; APPLE INC ; ATRUA LLC ; HOWELL MARK J ; ROSKE THORSTEN ; I CONTROL SECURITY INC ; I CONTROL SECURITY SECURITY INC**Inventor(s):** (std): HOWELL MARK ; HOWELL MARK J ; MCCOY PETER A ; CHENG ERICSON ; ROESKE THORSTEN ; RUSSO ANTHONY P ; ROSKE THORSTEN**Inventor(s):** RUSSO ANTHONY ; THORSTEN ROSKE ; MARK HOWELL ; ANTHONY P RUSSO ; ERICSON CHENG ; PETER A MCCOY**Agent(s):** PERKINS COIE LLP; ALLEN DYER DOPPELT MILBRATH AND GILCHRIST PA**Designated states:** AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

Title: **PAYMENT** MANAGEMENT

Abstract: A method and system of effecting a **payment** from a **payor** in response to a **payment** request, comprising **selecting** a **payment** method from a set of **payment** methods. The **payment** method may be independent of a **payment** method **selected** for a **payee**. The **payment** may be effected by **transmitting** a **message** comprising a get funds trigger, a get funds type, a **send** funds trigger, and a **send** funds type, corresponding to the **payment** transaction. A method and system may **receive** a plurality of **payment** transaction notices, calculating a net account status value based on the plurality of transaction notice, and executing **payment** of the net account status value.

Classifications:

International (IPC 8-9): G06Q20/08 G06Q20/10 G06Q20/12

G06Q20/38 G06Q20/40 G06Q30/00 G06Q30/02

G06Q30/06 (Advanced/Invention);

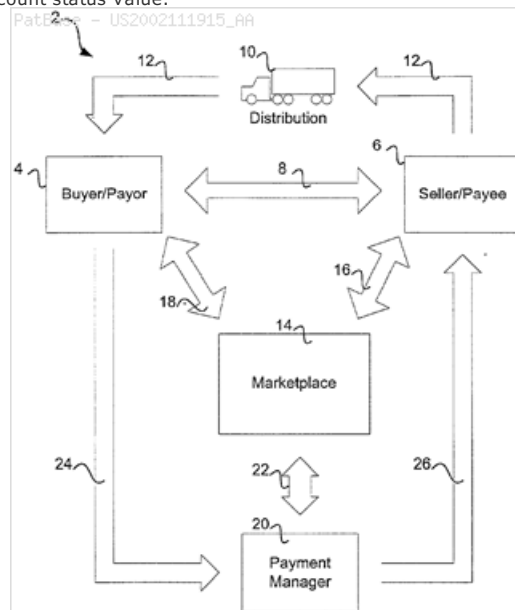
G06Q30/00 (Core/Invention)

International (IPC 1-7): G06F17/60 H04K1/00 H04L9/00

CPC: G06Q20/405 G06Q20/10 G06Q20/12 G06Q20/382 G06Q30/02 G06Q30/06

European: G06F17/60B G06F17/60B2 G06F17/60B6 G06Q20/10 G06Q20/12 G06Q20/382 G06Q20/405 G06Q30/02 G06Q30/06

US: 705/39 705/39S 705/64 705/64P



Family:

Publication number	Publication date	Application number	Application date
AU2002245418 AA	20020828	AU20020245418	20020211
CA2438189 AA	20030812	CA20022438189	20020211
EP1374127 A2	20040102	EP20020713574	20020211
US2002111915 AA	20020815	US20010781579	20010212
WO02065243 A2	20020822	WO2002US04050	20020211
WO02065243 A3	20030522	WO2002US04050	20020211

Priority:

US20010781579 20010212 WO2002US04050 20020211

Probable Assignee: US BANCORP LICENSING INC

Assignee(s): (std): CLEMENS CHRISTOPHER D ; CLEMENS CHRISTOPHER DONALD ; CORONNA MARK S ; O LEARY MARK R ; O LEARY MARK ROBERT ; U S BANCORP LICENSING INC ; US BANCORP LICENSING INC

Inventor(s): (std): CLEMENS CHRISTOPHER D ; CLEMENS CHRISTOPHER DONALD ; CORONNA MARK S ; O LEARY MARK R ; O LEARY MARK ROBERT

Inventor(s): CHRISTOPHER D CLEMENS ; MARK R O LEARY ; MARK S CORONNA

Agent(s): SMART AND BIGGAR

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

Title: INTERACTIVE COLLECTION **BOOK** FOR MOBILE **DEVICES**

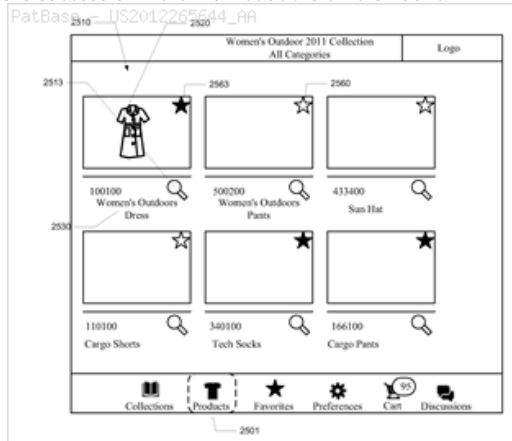
Abstract: A **software**-based interactive collection **book** for mobile **devices** provides the users a way to connect their customers to **products** while the **products** are still being developed. This will allow a user to engage with their customers earlier to drive more sales. This will result in their **products** being more successful in the market at the time of launch.

Classifications:

International (IPC 8-9): G06F3/041 G06F3/0482 G06F3/0484
G06F3/0488 G06Q30/00 G06Q30/06 G06Q50/00 H04B5/00
H04L29/08 H04W4/00 (Advanced/Invention)

CPC: H04W4/001 H04L67/34 H04W4/008 H04B5/0031 G06F3/04842
G06F3/0482 G06F3/04883 G06F3/04847 G06Q30/0623
G06F2203/04803 G06Q30/0643 G06Q30/0603 H04W4/50 H04W4/80

US: 1/1 705/26.61 705/26.8 705/27.2



Family:

Publication number	Publication date	Application number	Application date
EP2625660 A2	20130814	EP20110831556	20111005
EP2625660 A4	20140611	EP20110831556	20111005
US2012265644 AA	20121018	US20110253950	20111005
US2016239884 AA	20160818	US20160138095	20160425
US9324107 BB	20160426	US20110253950	20111005
WO12048057 A2	20120412	WO2011US55002	20111005
WO12048057 A3	20120802	WO2011US55002	20111005

Priority:

US20100390171P 20101005 US20110253950 20111005 WO2011US55002 20111005
US20160138095 20160425

Probable Assignee: CENTRIC SOFTWARE INC

Assignee(s): (std): GROVES CHRIS ; RANGAN RAVI ; HOME JAMES ; ROA HUMBERTO ; WATSON RON ; CENTRIC SOFTWARE INC ; HORNE JAMES

Assignee(s): ALLY BANK ; COMERICA BANK ; TRIPLEPOINT CAPITAL LLC ; COMERICA BANK A TEXAS BANKING ASSOCIATION

Inventor(s): (std): HORNE JAMES ; WATSON RON ; ROA HUMBERTO ; RANGAN RAVI ; HOME JAMES ; GROVES CHRIS

Agent(s): WILLIAMS LISA ESTELLE; AKA CHAN LLP; CHAN MELVIN D ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: GRAIN AERATION SYSTEMS AND TECHNIQUES

Abstract: In one embodiment, the invention is directed toward a **networked** grain aeration control system. For example, the system can provide centralized monitoring of the aeration of a number of grain storage facilities, thereby improving the management of stored grain. The **networked** grain aeration control system can allow the custodian of the system to offer an aeration service. Farmers, or other individuals, cooperatives, or companies can purchase the aeration service at a cost proportionate to the amount of stored grain to be aerated and the duration of storage. In this manner, the purchaser of the aeration service can avoid relatively high fixed costs that can be associated with various aeration hardware.

Classifications:

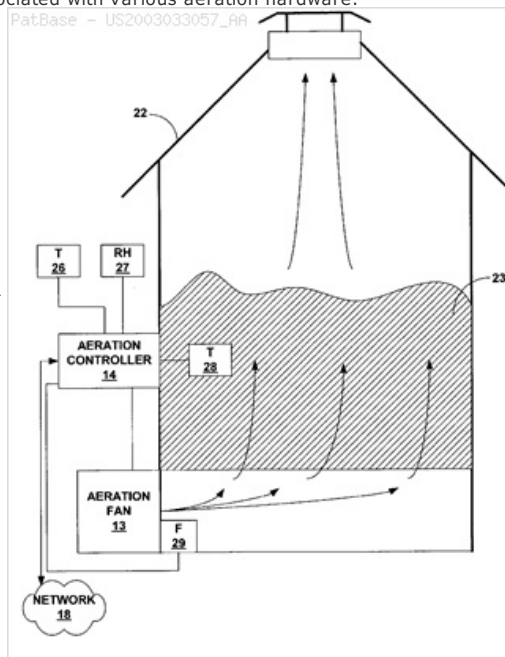
International (IPC 8-9): A01F25/22 E04H7/22 F24F11/00 F24F7/00 F26B21/00 F26B21/06 F26B25/22 F26B9/06 G01M1/38 G05B13/00 G05B15/00 G05D23/19 G05D7/06 G06F1/26 G06F11/00 G06F17/00 G06F17/60 G06Q10/00 G06Q10/08 G06Q20/20 G06Q30/00 G06Q30/02 G06Q30/04 G06Q40/00 H03F1/26 (Advanced/Invention)

International (IPC 1-7): F26B21/00 G06F17/00

CPC: G06Q40/12 F26B9/063 A01F25/22 F26B21/06 F26B25/22 G06Q10/087 G06Q20/203 G06Q30/0283 G06Q30/0284 G06Q30/04 G06Q40/08

European: A01F25/22 F26B21/06 F26B25/22 F26B9/06B G06Q10/087 G06Q20/203 G06Q30/0283 G06Q30/0284 G06Q30/04 G06Q40/08 G06Q40/10

US: 236/44.00C 236/44C 236/49.3 236/49.300P 236/49.300S 236/51 236/91.00C 236/91C 236/94 34/491 34/524 34/524S 34/569 454/174 454/174P 454/181 454/182 454/258 700/276 700/276P 700/276S 700/277 700/277P 700/277S 700/282 700/282S 700/295 700/295S 700/296 700/296P 700/296S 700/90 700/90S 702/188 702/193 705/1 705/22 705/28 705/28P 705/28S 705/30 705/34 705/4 705/400 705/400S 705/418 705/418P 705/4P 705/4S

**Family:**

Publication number	Publication date	Application number	Application date
AU2002355582 AA	20030224	AU20020355582	20020808
EP1423655 A1	20040602	EP20020752836	20020808
US2003033057 AA	20030213	US20020217312	20020808
US2006091230 AA	20060504	US20050303517	20051216
US2006091231 AA	20060504	US20050303595	20051216
US2006100745 AA	20060511	US20050303526	20051216
US2006108434 AA	20060525	US20050305054	20051216
US2006111035 AA	20060525	US20050303518	20051216
US2010250008 AA	20100930	US20100815830	20100615
US2010250017 AA	20100930	US20100815867	20100615
US2010250402 AA	20100930	US20100815816	20100615
US2010256822 AA	20101007	US20100815638	20100615
US2010256998 AA	20101007	US20100815756	20100615
US2010257125 AA	20101007	US20100815728	20100615
US7004401 BB	20060228	US20020217312	20020808
US7240029 BB	20070703	US20050303518	20051216
US7243857 BB	20070717	US20050303595	20051216
US7472070 BB	20081230	US20050303517	20051216
US7761349 BB	20100720	US20050303526	20051216
WO03014642 A1	20030220	WO2002US25834	20020808

Priority:

US20010311752P	20010810	US20020217312	20020808	WO2002US25834	20020808
US20050303595	20051216	US20050303517	20051216	US20050303518	20051216
US20050303526	20051216	US20050305054	20051216	US20100815867	20100615
US20100815830	20100615	US20100815816	20100615	US20100815638	20100615
US20100815728	20100615	US20100815756	20100615		

Probable Assignee: TARGETED GRAIN MANAGEMENT INC

Assignee(s): (std): CERY'S SYSTEMS INC ; KALLESTAD DANIEL

Assignee(s): MICROSOFT CORP ; TARGETED GRAIN MANAGEMENT INC

Inventor(s): (std): KALLESTAD DANIEL ; KALLESTAD DANIEL R

Inventor(s): KALLESTAD DANIEL ROBERT

Agent(s): RYAN T GRACE MERCHANT AND GOULD PC; ATTENTION OF RYAN T GRACE MERCHANT AND GOULD PC; MERCHANT AND GOULD PC; RYAN T; MERCHANT AND GOULD; GRACE RYAN T

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

Title: **PAYMENT** MANAGEMENT

Abstract: A method and system of effecting a **payment** from a **payor** in response to a **payment** request, comprising **selecting** a **payment** method from a set of **payment** methods. The **payment** method may be independent of a **payment** method **selected** for a **payee**. The **payment** may be effected by **transmitting** a **message** comprising a get funds trigger, a get funds type, a **send** funds trigger, and a **send** funds type, corresponding to the **payment** transaction. A method and system may **receive** a plurality of **payment** transaction notices, calculating a net account status value based on the plurality of transaction notice, and executing **payment** of the net account status value.

Classifications:

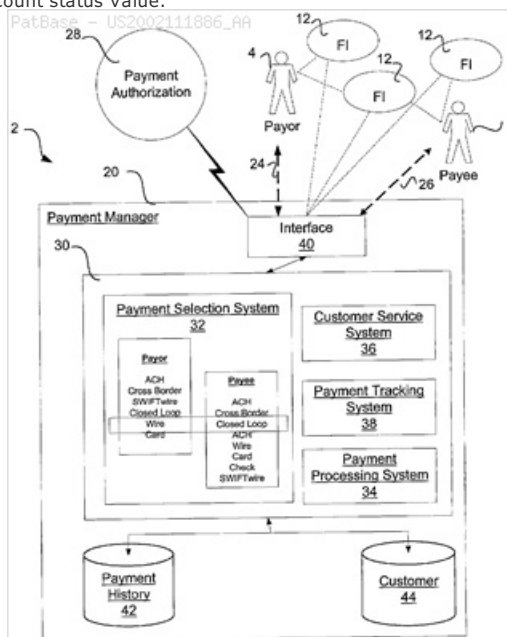
International (IPC 8-9): G06Q20/00 G06Q30/00 (Advanced/Invention)

International (IPC 1-7): G06F17/60

CPC: G06Q40/12 G06Q30/04 G06Q20/00 G06Q20/02 G06Q20/023 G06Q20/14

European: G06F17/60B8 G06Q20/00 G06Q20/02 G06Q20/023 G06Q20/14 G06Q30/04 G06Q40/10 G07F19/00

US: 705/30 705/30P



Family:

Publication number	Publication date	Application number	Application date
AU2002242147 AA	20020828	AU20020242147	20020211
CA2438184 AA	20030812	CA20022438184	20020211
EP1384182 A2	20040128	EP20020707758	20020211
EP1384182 A4	20060426	EP20020707758	20020211
HK1062338 A3	20041029	HK20040105228	20040716
US2002111886 AA	20020815	US20010781578	20010212
WO2065241 A2	20020822	WO2002US03959	20020211
WO2065241 A3	20021212	WO2002US03959	20020211

Priority:

US20010781578 20010212 WO2002US03959 20020211

Probable Assignee: US BANCORP LICENSING INC

Assignee(s): (std): CORONNA MARK S ; O LEARY MARK R ; CHENEVICH WILLIAM L ; CLEMENS CHRISTOPHER D ; U S BANCORP LICENSING INC ; US BANCORP LICENSING INC

Assignee(s): CLEMENS CHRISTOPHER DONALD ; O LEARY MARK ROBERT

Inventor(s): (std): CLEMENS CHRISTOPHER D ; CLEMENS CHRISTOPHER DONALD ; CORONNA MARK S ; CHENEVICH WILLIAM L ; O LEARY MARK R ; O LEARY MARK ROBERT

Inventor(s): WILLIAM L CHENEVICH ; CHRISTOPHER D CLEMENS ; MARK R O LEARY ; MARK S CORONNA

Agent(s): SMART AND BIGGAR

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

Title: SYSTEM AND METHOD FOR MULTIPATH CONTACTLESS TRANSACTIONS

Abstract: A system for multipath contactless transaction **processing**, comprising a point-of-sale system comprising a **processing** unit and a **video** screen, the **video** screen at least sometimes viewable by a purchaser interacting with the point-of-sale **processing** system, wherein, during a transaction, a graphical indicia is displayed on the **video** screen in a form suitable for **photographing** or scanning by a **device** held by the purchaser, and wherein, upon receipt by the point-of-sale **processing** unit of at least one non-graphical indicia the content of which is determined at least in part by the contents of the graphical indicia that was displayed to the purchaser, the point-of-sale completes the transaction.

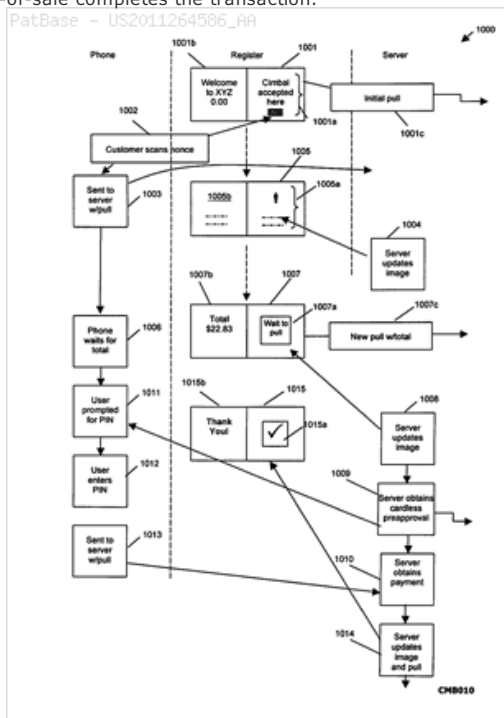
Classifications:

International (IPC 8-9): G06F17/00 G06F17/30 G06K19/00
G06Q20/00 G06Q20/20 G06Q20/32 G06Q30/00 G06Q30/06
H04L9/32 H04N21/2543 (Advanced/Invention)

CPC: G06Q10/00 G06Q30/0261 G06Q30/0267 G06Q30/0207
G06F17/30876 G06F17/30879 G06Q20/3226 H04N21/2543
G06Q20/3674 G06Q30/0236 G06Q30/00 H04W12/06 H04L63/083
G06Q30/06 G06Q20/10 G06Q20/20 G06Q20/32 G06Q20/3224
G06Q20/3276 G06Q20/382 G06Q20/40 H04L9/3226 H04L2209/56
H04L2209/80

European: G06F17/30W5 G06F17/30W5B G06Q10/00 G06Q20/10
G06Q20/20 G06Q20/32 G06Q20/3224 G06Q20/3276 G06Q20/3674
G06Q20/382 G06Q20/40 G06Q30/00 G06Q30/0236 G06Q30/0261
G06Q30/0267 G06Q30/06 H04L9/32J T04L209/56 T04L209/80

US: 235/375 235/375P 235/487 235/487S 705/14.36 705/14.360S
705/14.58 705/14.580P 705/14.64 705/14.640S 705/16 705/16S
705/39 705/39S 705/40 705/44 705/44S 705/64 705/64P 705/67
705/67P 705/72 725/5

**Family:**

Publication number	Publication date	Application number	Application date
US2011264586 AA	201111027	US20110174733	20110630
US2011276402 AA	201111110	US20110186020	20110719
US2012037697 AA	20120216	US20110931788	20110210
US2012072353 AA	20120322	US20110211256	20110816
US2013227594 AA	20130829	US20130763621	20130209
US8479975 BB	20130709	US20110931788	20110210

Priority:

US20100303313P 20100211	US20100374154P 20100816	US20110931788 20110210
US20110517911P 20110426	US20110174733 20110630	US20110186020 20110719
US20110211256 20110816	US20130763621 20130209	

Probable Assignee: CIMBAL INC

Assignee(s): (std): BOONE CHRISTOPHER ; BRODY FLORIAN ; CIMBAL INC ; DEGOLIA RICHARD C ; GREGG PERRY ; KIKINIS DAN ; KONTSEVICH LEONID ; DROZD YOURIY ; ERLIKHMAN ARKADY

Inventor(s): (std): BOONE CHRISTOPHER ; BRODY FLORIAN ; DEGOLIA RICHARD C ; DEGOLIA RICHARD C ; DROZD YOURIY ; ERLIKHMAN ARKADY ; GREGG PERRY ; KIKINIS DAN ; KONTSEVICH LEONID

Agent(s): BRIAN R; GALVIN PATENT LAW LLC

Title: CONTENT TRANSMISSION APPARATUS

Abstract: A content **transmission apparatus** is disclosed which promotes distribution of contents over a **network** and thereby affords better convenience to those who wish to **sell** and **buy** the contents. The **apparatus** is implemented typically as a **video** camera provided beforehand with an access account from a **server apparatus**. The content **transmission apparatus** is equipped with abilities to encode contents in a streaming format for upload and to connect communicably with the **server receiving** what is uploaded. These features allow the user of the content **transmission apparatus** easily to upload the content generated thereby to the **server** without going through complicated steps to sign up with an ISP; to prepare a personal **computer**, a modem and other hardware; or to make elaborate settings and establish connection with the **server**. Therefore, uploading of contents is promoted. The **server apparatus** presents uploaded contents illustratively at its website to solicit potential **buyers** extensively for the presented contents.

Classifications:

International (IPC 8-9): G06F13/00 G06F17/00 G06F17/30
G06F21/00 G06Q30/00 G06Q50/00 G06Q50/10 H04N21/258
H04N21/274 H04N21/437 H04N5/232 H04N5/76 H04N5/765
H04N5/77 H04N7/173 (Advanced/Invention);
G06Q50/00 H04N5/765 H04N5/781 H04N5/85 H04N5/907 H04N7/16
H04N9/804 (Advanced/Non-invention);
H04N5/765 (Core/Non-invention)

International (IPC 1-7): G06F13/00 G06F17/00 G06F17/30
G06F17/60 H04N5/225 H04N5/76 H04N5/765 H04N7/173

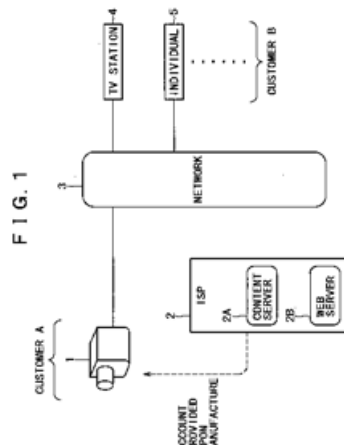
CPC: Y10S705/901 Y10S705/902 Y10S705/904 Y10S705/911
H04N21/4223 G06Q30/02 H04N5/232 H04N5/23206 H04N5/23293
H04N5/765 H04N5/772 H04N5/781 H04N5/85 H04N5/907
H04N7/17318 H04N7/17336 H04N9/8042 H04N21/20 H04N21/2743
H04N21/4622 H04N21/4782

European: G06F17/60B2 G06Q30/02 H04N21/20 H04N21/2743
H04N21/4223 H04N21/462S H04N21/4782 H04N5/232 H04N5/232C1
H04N5/232V H04N5/77B H04N7/173B2 H04N7/173B4 T04N5/765
T04N5/781 T04N5/85 T04N5/907 T04N9/804B

US: 348/207.1 348/207.100P 348/E5.042 348/E5.047 348/E5.042S
348/E5.047S 348/E7.071 348/E7.073 348/E7.071S 348/E7.073S
380/201 380/202 380/203 380/204 380/227 380/228 380/229
380/230 386/E5.072 386/E5.072S 705/50 705/51 705/52 705/53
705/57 705/59 705/901 705/902 705/904 705/911

PatBase - US2004179102_AA

Patent Application Publication Sep. 16, 2004 Sheet 1 of 18 US 2004/0179102 A1

**Family:**

Publication number	Publication date	Application number	Application date
CN100422963 C	20081001	CN20028005569	20021107
CN1526101 A	20040901	CN20028005569	20021107
CN1783140 A	20060607	CN200510136128	20021107
EP1445702 A1	20040811	EP20020803097	20021107
EP1445702 A4	20060607	EP20020803097	20021107
JP2003150494 A2	20030523	JP20010349938	20011115
JP4244550 B2	20090325	JP20010349938	20011115
KR100968984 B1	20100709	KR20037009364	20021107
KR20040065987 A	20040723	KR20037009364	20021107
US2004179102 AA	20040916	US20030466043	20030711
US8135646 BB	20120313	US20030466043	20030711
WO03042842 A1	20030522	WO2002JP11613	20021107

Priority:

JP20010349938 20011115 WO2002JP11613 20021107

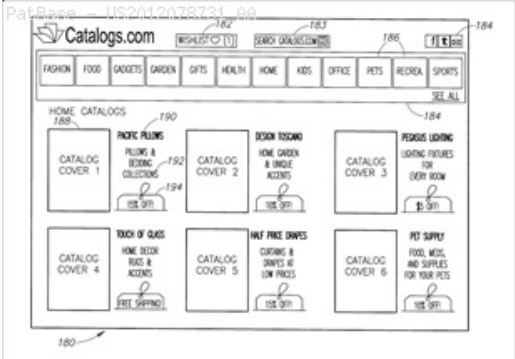
Probable Assignee: SONY CORP**Assignee(s):** (std): MATSUFUNE ISAO ; SONY CORP**Assignee(s):** SONY KK**Inventor(s):** (std): MATSUFUNE ISAO ; ISAO MATSUFUNE**Agent(s):** FROMMER LAWRENCE AND HAUG LLP; ELLEN MARCIE; WILLIAM S**Designated states:** AT BE BG CH CN CY CZ DE DK EE ES FI FR GB GR IE IT KR LU MC NL PT SE SK TR US

Title: SYSTEM AND METHOD OF BROWSING **ELECTRONIC** CATALOGS FROM MULTIPLE MERCHANTS

Abstract: A system and method of browsing **electronic** catalogs from a plurality of merchants. The **electronic** catalog system emulates the portability and usability of a traditional paper and ink catalog, especially when realized on a tablet or mobile **device**. **Product** data feeds from multiple merchants are collected and **processed** to build a **product** database. A **server** retrieves **product** data and serves it to users browsing the **electronic** catalogs. Users can request more detailed information and order **products** through the **server** and merchant websites. Users communicate with the **server** and merchant websites either through a standalone **software** application or via a standard web browser. Merchants are able to update the contents of their **electronic** catalogs through a merchant portal.

Classifications:

International (IPC 8-9): G06Q30/00 G06Q30/06 (Advanced/Invention)
CPC: G06Q30/0603 G06Q30/0641 G06Q30/0277 G06Q30/0633 G06Q30/0635 G06Q30/0643
European: G06Q30/0277 G06Q30/0633 G06Q30/0635 G06Q30/0643
US: 705/14.73 705/14.730P 705/26.8 705/26.800S 705/26.81 705/26.810S 705/27.1 705/27.2 705/27.200S



Family:

Publication number	Publication date	Application number	Application date
US2012078731 AA	20120329	US20110242966	20110923
US2016012499 AA	20160114	US20150858260	20150918

Priority:

US20100386359P 20100924 US20110242966 20110923 US20150858260 20150918

Probable Assignee: AMERICA BY MAIL INC D B A CATALOGSCOM

Assignee(s): (std): CRAINE MATTHEW ; GRAY NIGEL ; LINEVSKY RICHARD ; SINGER LAUREN ; AMERICA BY MAIL INC D B A CATALOGS COM

Assignee(s): AMERICA BY MAIL INC D B A CATALOGSCOM

Inventor(s): (std): CRAINE MATTHEW ; GRAY NIGEL ; LINEVSKY RICHARD ; SINGER LAUREN

Title: LOCATION-BASED FILTERING FOR A SHOPPING AGENT IN THE PHYSICAL WORLD

Abstract: An agent based system utilizes a Personal Digital Assistant (PDA)-based, Global Positioning System (GPS)-enabled information gathering agent that relies on knowledge of a shopper's physical location to support a shopping task while shopping at a mall. Shoppers indicate their shopping goals to the system. Then, as shoppers stroll through a mall, the system informs them of the availability of items of interest to them available in the immediately surrounding stores, as well as any cheaper local alternatives

Classifications:

International (IPC 8-9): G06F17/00 G06F17/30 G06G7/00

G06Q10/00 G06Q10/10 G06Q30/00 G06Q30/02

G06Q30/06 (Advanced/Invention);

G06F17/00 G06F17/30 G06G7/00 G06Q10/00

G06Q30/00 (Core/Invention)

International (IPC 1-7): G06F17/30 G06F17/60

CPC: G06F17/3087 G06Q10/109 G06Q30/0239 G06Q30/0283

G06Q30/0617 G06Q30/0625 G06Q30/0633 G06Q30/0641

European: G06F17/30H G06F17/30W1S G06F17/60A4 G06Q10/109

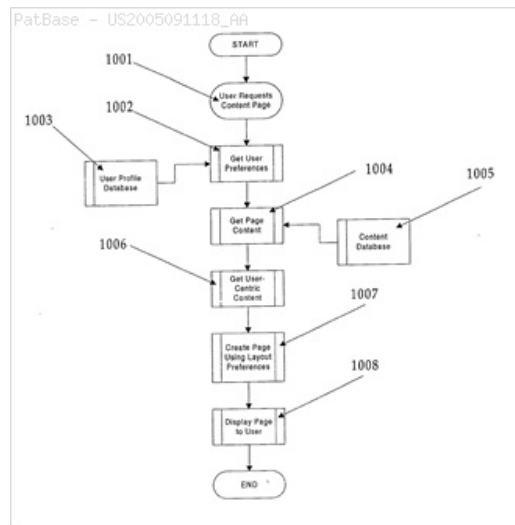
G06Q10/10T G06Q30/0239 G06Q30/0283 G06Q30/0617

G06Q30/0625 G06Q30/0633 G06Q30/0641

US: 705/1 705/14 705/14.39 705/26 705/26.43 705/26.430P

705/26.62 705/26.8 705/26P 705/27.1 705/400 707/E17.11

707/E17.110S

**Family:**

Publication number	Publication date	Application number	Application date
AU200033180 A1	20000914	AU20000033180	20000225
AU200033180 A5	20000914	AU20000033180	20000225
TW523686 B	20030311	TW20000103627	20000229
US2005091118 AA	20050428	US20010975460	20011010
US6317718 BA	20011113	US19990259902	19990226
US7386477 BB	20080610	US20010975460	20011010
WO0051042 A2	20000831	WO2000IB00386	20000225
WO0051042 A3	20001130	WO2000IB00386	20000225

Priority:

US19990259902 19990226

WO2000IB00386 20000225

US20010975460 20011010

Probable Assignee: KNAPP INVESTMENT CO LTD

Assignee(s): (std): AC PROPERTIES BV ; ACCENTURE PROPERTIES 2 BV ; ACCENTURE PROPERTIES 2 B V ; ACCENTURE LLP

Assignee(s): ACCENTURE PROPERTIES (2) BV ; KNAPP INVESTMENT CO LTD ; AC PROPERTIES PARKSTRAAT BV ; ACCENTURE GLOBAL SERVICES GMBH ; ACCENTURE GLOBAL SERVICES LTD ; ACCENTURE PROPERTIES BV ; ACCENTURE PROPERTIES ; ANDERSEN CONSULTING LLP ; AC PROPERTIES B V

Inventor(s): (std): FANO ANDREW E ; FANO ANDREW ERNEST

Inventor(s): FANO ANDREW ; ANDREW E FANO

Agent(s): ACCENTURE CHICAGO 28164, BRINKS HOFER GILSON AND LIONE; ACCENTURE CHICAGO 28164 BRINKS HOFER GILSON AND LIONE; BRINKS HOFER GILSON AND LIONE

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Title: SECURE COMMERCIAL TRANSACTIONS SYSTEM

Abstract: A secure financial transactions system. The system generally includes a card that can be used a credit card, ATM card or debit card having a personal identification number (PIN) that can include a panic digit or panic PIN. The panic digit or panic PIN can be used to begin an emergency notification sequence including **sending** emergency signals and **video transmissions** from the commercial transactions machine. The card can include several biometric **devices** as well as financial transaction records. The card can include data to interact with data gathered from biometric **devices** on the ATM or POP **devices**. The card can then be interfaced with a personal **computer**. The card could also be made into other formats such as a ring, key chain, or other jewelry.

Classifications:

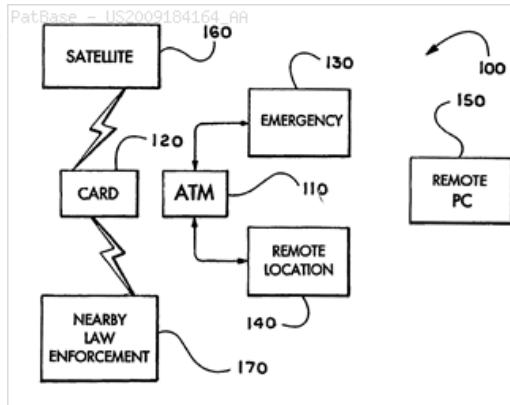
International (IPC 8-9): G06F15/16 G06F17/30 G06F21/00 G06K5/00 G06Q10/00 G06Q20/40 G06Q30/00 G07F19/00 H04B7/00 H04N7/18 (Advanced/Invention);

G06F15/16 G06F17/30 G06F21/00 G06K5/00 G06Q10/00 G06Q30/00 H04B7/00 H04N7/18 (Core/Invention)

CPC: G06Q20/18 G06Q20/40 G07G3/003 G07F7/1008 G06Q10/0637 G06Q20/204 G06Q20/341 G06Q20/3415 G06Q20/40145 G06Q40/12 G06Q50/22 G07F7/0806 G07F7/0826 G07F7/1025

European: G06Q10/0637 G06Q20/18 G06Q20/204 G06Q20/341 G06Q20/3415 G06Q20/40 G06Q20/40145 G06Q40/10 G06Q50/22 G07F7/08A G07F7/08A2D G07F7/10D G07F7/10P

US: 235/379 235/380 235/382 235/382P 348/150 348/150S 348/E7.085 348/E70.85S 455/500 455/500S 705/10 705/10S 705/17 705/17S 705/2 705/2S 705/30 705/30S 705/44 705/44P 705/7.36 705/7.360S 707/100 707/999.1 707/999.100S 707/E17.044 707/E17.044S 709/206 709/206S 713/186 713/186S

**Family:**

Publication number	Publication date	Application number	Application date
US2009184164 AA	20090723	US20090357047	20090121
US2012173427 AA	20120705	US20120414508	20120307
US7497371 BA	20090303	US20040974045	20041026
US8152059 BB	20120410	US20090357047	20090121
US8733642 BB	20140527	US20120414508	20120307

Priority:

US20030515933P 20031030 US20040974045 20041026 US20090357047 20090121
 US20120414508 20120307

Probable Assignee: SPARKS JOHN T

Assignee(s): (std): SPARKS JOHN T

Inventor(s): (std): SPARKS JOHN T

Agent(s): KAPLAN WARD AND PATEL LLC; MYERS AND KAPLAN LLC; SOVINSKI SANDRA M; SANDRA M

Title: TECHNIQUES FOR PROGRESSIVE PURCHASING

Abstract: Techniques for progressive purchasing of a **device** are disclosed. In one embodiment, a method for progressive purchasing of a **device** includes **receiving** information indicating a **payment** for a **device** from a customer, determining a **payment** pattern by the customer based on a recorded customer **payment** history and the **received** information, identifying a functionality to be enabled in the **device** based on the determined **payment** pattern, and enabling the identified functionality. The identified functionality is **selected** from a plurality of functionalities associated with the **device**.

Classifications:

International (IPC 8-9): G06Q20/00 G06Q20/10 G06Q30/00

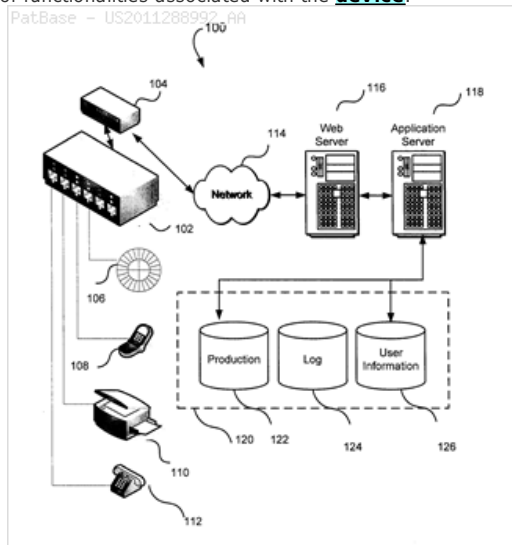
G06Q40/00 (Advanced/Invention);

G06Q30/00 (Core/Invention)

CPC: G06Q30/00 G06Q20/10

European: G06Q20/10 G06Q30/00

US: 705/39 705/39P

**Family:**

Publication number	Publication date	Application number	Application date
AP201206638 A0	20121231	AP20120006638	20110509
CN103038787 A	20130410	CN201180031100	20110509
IN09872CN2012 A	20140418	IN2012CN09872	20121122
US2011288992 AA	20111124	US20110101722	20110505
US8930266 BB	20150106	US20110101722	20110505
WO11149644 A2	20111201	WO2011US35781	20110509
WO11149644 A3	20120112	WO2011US35781	20110509

Priority:

US20100347781P 20100524 US20110469564P 20110330 US20110101722 20110505
WO2011US35781 20110509

Probable Assignee: SIMPA NETWORKS INC

Assignee(s): (std): MACHARG MICHAEL ; NEEDHAM PAUL ; SIMPA NETWORKS INC ; WINIECKI JACOB

Inventor(s): (std): MACHARG MICHAEL ; NEEDHAM PAUL ; WINIECKI JACOB

Agent(s): KILPATRICK TOWNSEND AND STOCKTON LLP; WYLIE ROGER D ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: METHOD AND **APPARATUS** FOR PROVIDING CONTEXT-BASED COUPON SHARING

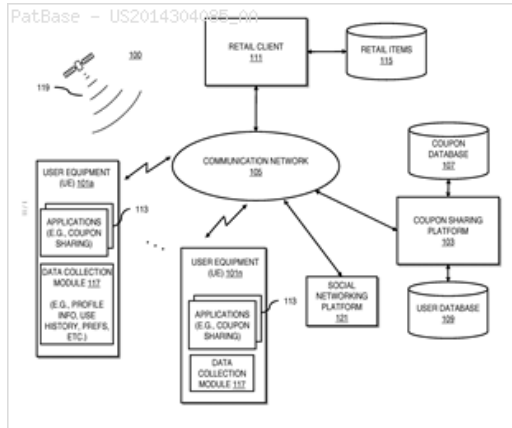
Abstract: An approach is provided for context-based coupon sharing. A coupon management platform **receives** a request specifying an exchange of one or more coupons. The request includes, at least in part, one or more attribute-condition pairs associated with the one or more coupons, one or more participants of the exchange, or a combination thereof. The coupon management platform determines context data associated with a first user, at least one **device** associated with the first user, at least one second user, at least one other **device** associated with the at least one second user, or a combination thereof. The coupon management platform then causes, at least in part, **processing** of the one or more attribute-condition pairs, the context data, or a combination thereof for initiating the exchange between the first user and the at least one second user.

Classifications:

International (IPC 8-9): G06Q30/00 G06Q30/02 (Advanced/Invention)

CPC: G06Q30/0269 G06Q30/02

US: 705/14.66



Family:

Publication number	Publication date	Application number	Application date
BR112013014224 A2	20160913	BR20131114224	20101210
CN103348368 A	20131009	CN201080071185	20101210
EP2649575 A1	20131016	EP20100860434	20101210
EP2649575 A4	20141203	EP20100860434	20101210
IN05292CN2013 A	20140905	IN2013CN05292	20130705
US2014304085 AA	20141009	US20100992102	20101210
WO12075643 A1	20120614	WO2010CN79667	20101210

Priority:

WO2010CN79667 20101210 WO2010CN79667 20101210

Probable Assignee: NOKIA TECHNOLOGIES OY

Assignee(s): (std): LI JIANG ; LIU DONG ; NOKIA CORP ; SONG ZHANJIANG ; YANG HAO

Assignee(s): NOKIA TECHNOLOGIES OY

Inventor(s): (std): LI JIANG ; LIU DONG ; SONG ZHANJIANG ; YANG HAO

Inventor(s): ZHANJIANG SONG ; DONG LIU ; HAO YANG ; JIANG LI

Agent(s): JAATINEN JUSSI IMARI; ZHONGZI LAW OFFICE

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: USER-DRIVEN REVERSE AUCTIONS SYSTEMS AND METHODS

Abstract: Systems and methods for providing user-driven reverse auctions are provided. The systems and methods enable a user to request bids for **products** or services, **receive** bids in response to the offers, and manage the bids. The methods provide **receiving**, at a computing **device**, a request from a user for an offer for **products** or services, the request including search criteria; identifying, via the computing **device**, at least one merchant of said **products** or services based on the search criteria; **sending** the request to the at least one merchant and **receiving** one or more bids from the at least one merchant; and presenting, via a computing **device**, the one or more bids to the user.

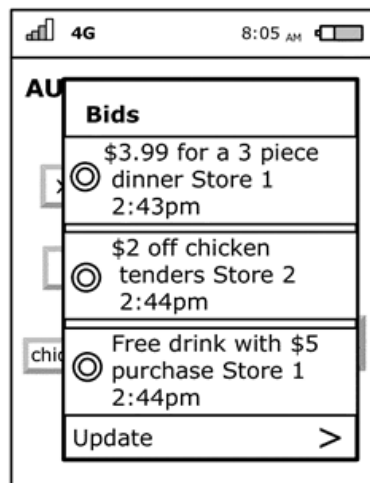
Classifications:

International (IPC 8-9): G06Q30/00 G06Q30/08 (Advanced/Invention)

CPC: G06Q30/08

US: 705/14.1 705/14.34 705/26.3

PatBase - US2013046609_AA



Family:

Publication number	Publication date	Application number	Application date
US2013046609 AA	20130221	US20110213922	20110819
US2015081467 AA	20150319	US20140550253	20141121

Priority:

US20110213922 20110819 US20140550253 20141121

Probable Assignee: BANK OF AMERICA CORP

Assignee(s): (std): BOSE RAJA ; CALMAN MATTHEW A ; GRIGG DAVID M ; VOTAW ELIZABETH S ; JONES ALICIA C ; HANSON CARRIE ANNE ; BANK OF AMERICA

Assignee(s): BANK OF AMERICA CORP

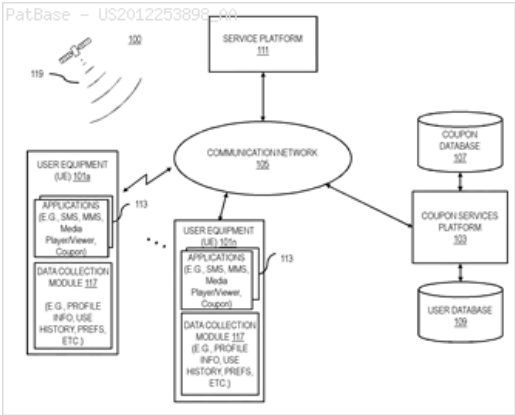
Inventor(s): (std): BOSE RAJA ; CALMAN MATTHEW A ; GRIGG DAVID M ; HANSON CARRIE ANNE ; JONES ALICIA C ; VOTAW ELIZABETH S

Title: METHOD AND APPARATUS FOR PROVIDING COUPON INFORMATION VIA RING-BACK SIGNAL

Abstract: An approach is provided for delivering one or more coupon and/or other information via a ring-back signal. One or more communication networks and/or one or more services platforms receive one or more requests for one or more coupon and/or other information and cause, at least in part, delivery of one or more coupon and/or other information via a ring-back signal on one or more communication channels.

Classifications:

International (IPC 8-9): G06Q30/00 H04M3/42
H04M3/487 (Advanced/Invention)
CPC: H04M3/42017 G06Q30/0207
European: T04M3/42B
US: 455/414.1 705/14.4



Family:

Publication number	Publication date	Application number	Application date
US2012253898 AA	20121004	US20110076809	20110331
WO12131150 A1	20121004	WO2012F150203	20120301

Priority:

US20110076809 20110331

Probable Assignee: HERE GLOBAL BV

Assignee(s): (std): BERUS BERNARD ; NOKIA CORP

Assignee(s): HERE GLOBAL BV ; NAVTEQ BV

Inventor(s): (std): BERUS BERNARD

Agent(s): NOKIA ET AL CORP

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: METHOD AND **APPARATUS** FOR ORGANIZING A GROUP EVENT

Abstract: An approach is provided for organizing a group event. An input from a **device** specifying a group event is **received**. A location associated with the group event is determined. One or more other **devices** within a proximity of the location are determined. A notification of the group event to the one or more other **devices** is generated.

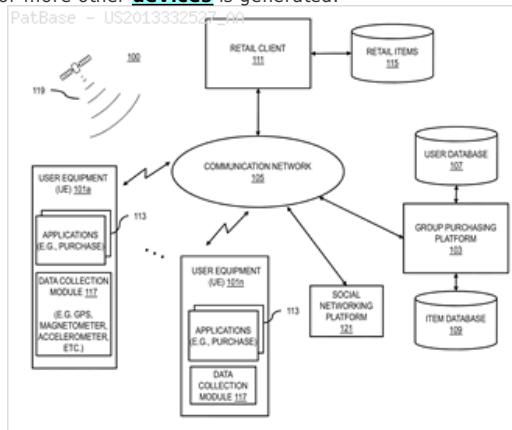
Classifications:

International (IPC 8-9): G06Q10/10 G06Q30/00 G06Q30/06
H04L29/06 (Advanced/Invention)

CPC: H04L65/403 G06Q10/10 G06Q30/0605

European: G06Q10/10 G06Q30/0605

US: 709/204



Family:

Publication number	Publication date	Application number	Application date
CN103080966 A	20130501	CN201080068899	20100702
US2013332527 AA	20131212	US20100812358	20100702
WO12000203 A1	20120105	WO2010CN074929	20100702

Priority:

WO2010CN074929 20100702

Probable Assignee: NOKIA TECHNOLOGIES OY

Assignee(s): (std): CHOW ALIX L H ; CHOW ALIX LIK HANG ; DU NAN ; LI JIANG ; NOKIA CORP ; WANG HAO ; MENG KANGJIAN ; LIU DONGE ; SONG ZHANJIANG ; LIU DONG E ; ZHAO FENG ; XUE WENWEI ; WANG WEI ; YANG HAO

Assignee(s): NOKIA TECHNOLOGIES OY ; OMEGA CREDIT OPPORTUNITIES MASTER FUND LP

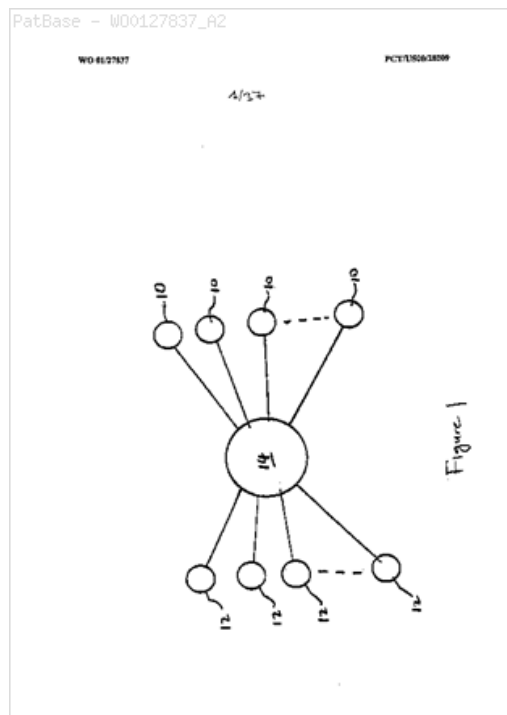
Inventor(s): (std): CHOW ALIX LIK HANG ; LIU DONG ; LIU DONG E ; ZHAO FENG ; YANG HAO ; XUE WENWEI ; WANG WEI ; WANG HAO ; SONG ZHANJIANG ; MENG KANGJIAN ; LIU DONGE ; LI JIANG ; DU NAN ; CHOW ALIX L H

Agent(s): ZHONGZI LAW OFFICE

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: UNIVERSAL ONLINE SHOPPING LIST

Abstract: The present invention provides a system for e-commerce which provides the user the ability (1) to create a universal online shopping list that is portable so that user may take it to any retailer's site and (2) to make online purchase of items on a universal list from multiple retailers without having to revisit the retailer's sites for placing a **buy** order or updating merchandise information. The system also allows monitoring and storing the user's navigational and clicking record while acting as a proxy for the user's access of retailers' sites. After opening an account, the user accesses the site of the intermediary to create a universal online shopping list of merchandise for purchase. Through the intermediary's proxy **server**, the user is presented with a screen that comprises a first frame that displays the retailer's site and a second frame that displays actionable icons and/or buttons in accordance with functions and features offered by the proxy **server**. The user can navigate the retailer's site much in the same way that she would if she had directly accessed the retailer's site as opposed to accessing it through a proxy **server**. To execute a purchase from the list, the user visits the intermediary site and **selects** the desired items, by simply click on a **buy** icon that initiates and completes the placement of purchase orders with all the merchants involved. In another embodiment, wireless **devices** may be implemented to interface with the intermediary **server** via a wireless **network**.

Classifications:**International (IPC 8-9):** G06Q30/00 (Advanced/Invention)**International (IPC 1-7):** G06F17/60**CPC:** G06Q30/06**European:** G06F17/60B G06Q30/06**Family:**

Publication number	Publication date	Application number	Application date
AU200110777 A1	20010423	AU20010010777	20001010
AU200110777 A5	20010423	AU20010010777	20001010
WO0127837 A2	20010419	WO2000US28009	20001010
WO0127837 C1	20020613	WO2000US28009	20001010
WO0127837 C2	20021107	WO2000US28009	20001010

Priority:

US19990158932P 19991012 WO2000US28009 20001010

Probable Assignee: SHOPNLIST INC**Assignee(s):** (std): BAILEY PAUL ; CHACHRA RAVI ; CHACHRA VIKRAM ; DURMER J TUCKER ; SHOPNLIST INC**Assignee(s):** DURMER J**Inventor(s):** (std): BAILEY PAUL ; CHACHRA RAVI ; CHACHRA VIKRAM ; DURMER J TUCKER**Inventor(s):** J TUCKER DURMER ; PAUL BAILEY ; RAVI CHACHRA ; VIKRAM CHACHRA ; DURMER J

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Title: OPTIMIZING ROUTING BASED ON OFFERS

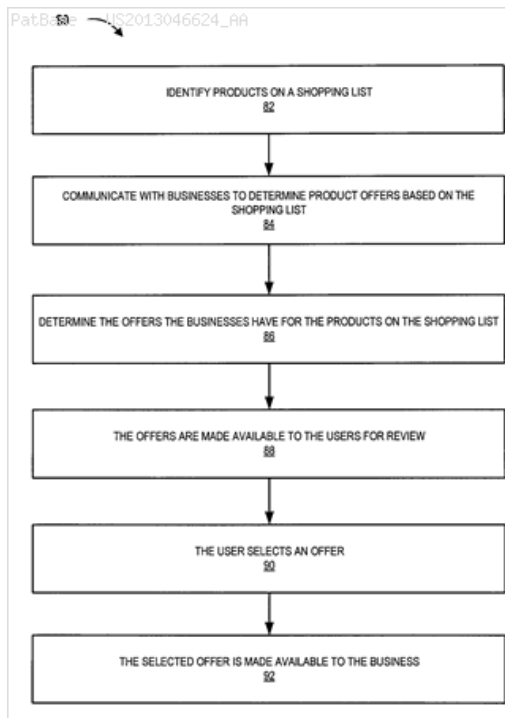
Abstract: Embodiments of the invention comprise optimizing travel routes for purchasing the **products** in which a user is interested. In some embodiments the system may provide the user with an optimized route based on the best offers available from various businesses. The best offers may be based on **products** with the lowest prices, highest quantities, highest user ratings, most convenient locations, etc. The offers may also be based on the user's current location, past location, future location, etc. Optimization of the route may also take into account user transaction history, user profile data, the time a user spends in a location, discounts, etc. In some embodiments of the invention the optimized route may be split between two or more people, over one or more trips, that may occur over one or more days, in order to maximize the best available offers with minimal expenditures of time, money, etc.

Classifications:

International (IPC 8-9): G06Q30/00 (Advanced/Invention)

CPC: G06Q10/047 G06Q30/0261 G06Q30/06 G06Q30/0259

US: 705/14.53 705/14.58 705/14.71 705/26.8

**Family:**

Publication number	Publication date	Application number	Application date
US2013046624 AA	20130221	US20110212098	20110817

Priority:

US20110212098 20110817

Probable Assignee: BANK OF AMERICA CORP

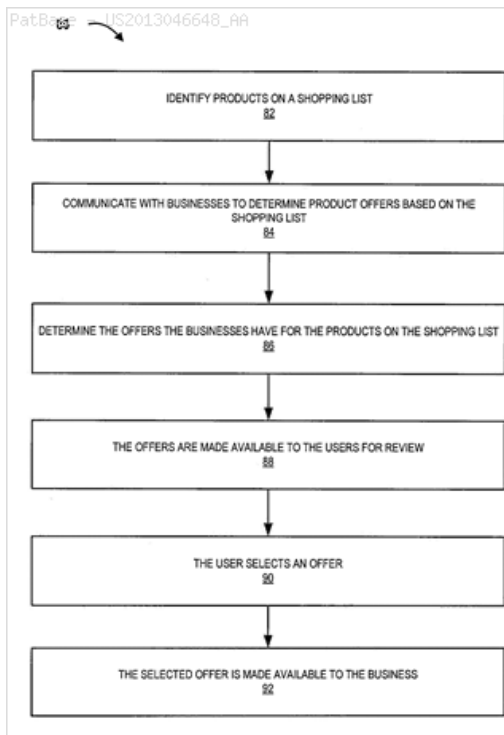
Assignee(s): (std): BANK OF AMERICA ; CALMAN MATTHEW A ; ROSS ERIK STEPHEN

Assignee(s): BANK OF AMERICA CORP

Inventor(s): (std): CALMAN MATTHEW A ; ROSS ERIK STEPHEN

Title: SHOPPING LIST SYSTEM AND **PROCESS**

Abstract: Embodiments of the invention allow a user to create a virtual shopping list that is used to identify offers for **products** in which the user is interested. The shopping list may be one single list or may be broken down into categories, in order to group like **products** together or group **products** together that can be purchased at one or more locations near each other. The shopping list may be **transmitted** to one or more businesses, such that the businesses may submit bid requests, in a reverse bid auction, for the one or more **products** on the shopping list. The best bids of the one or more businesses may be returned to the user. The bids may be identified as the best bids based on the lowest prices for the **product**, the best quality **products**, the proper quantities of the **products**, the locations at which the **products** are located, etc.

Classifications:**International (IPC 8-9):** G06Q30/00 (Advanced/Invention)**CPC:** G06Q30/08**US:** 705/26.3**Family:**

Publication number	Publication date	Application number	Application date
US2013046648 AA	20130221	US20110212094	20110817

Priority:

US20110212094 20110817

Probable Assignee: BANK OF AMERICA CORP**Assignee(s):** (std): CALMAN MATTHEW A ; HANSON CARRIE ANNE ; JONES ALICIA C ; THOMAS SUSAN SMITH ; ROSS ERIK STEPHEN ; BANK OF AMERICA**Assignee(s):** BANK OF AMERICA CORP**Inventor(s):** (std): CALMAN MATTHEW A ; HANSON CARRIE ANNE ; JONES ALICIA C ; ROSS ERIK STEPHEN ; THOMAS SUSAN SMITH

Title: A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR DYNAMIC CONFIGURATION OF A MOBILE COMMUNICATION **NETWORK**

Abstract: A system is disclosed that facilitates web-based information retrieval and display system. A wireless **phone** or similar hand-held wireless **device** with Internet Protocol capability is combined with other peripherals to provide a portable portal into the Internet. The wireless **device** prompts a user to input information of interest to the user. This information is **transmitted** a query to a service routine (running on a Web **server**). The service routine then queries the Web to find price, shipping and availability information from various Web suppliers. This information is then available for use by nutrition and health monitoring systems to support an ongoing exercise **program**. The system provides tools for dynamic configuration of a mobile communication **network** that are useful in a mobile environment.

Classifications:

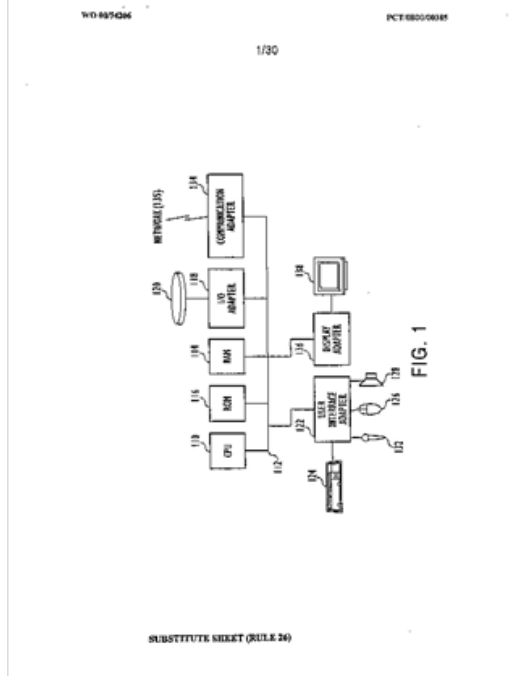
International (IPC 8-9): G06F15/02 G06F17/30 G06F19/00
G06Q10/00 G06Q30/00 G06Q30/06 G06Q40/00 G06Q50/00
H04L12/00 (Advanced/Invention);
G06F15/02 G06Q10/00 G06Q40/00 G06Q50/00 (Advanced/Non-invention)

International (IPC 1-7): G06F15/02 G06F17/30 G06F17/60
G06F19/00 H04L12/00

CPC: G16H40/63 G16H50/70 G06F19/328 G06F19/324 G06F19/3418
G06F19/3475 G06F19/3481 G06Q30/06

European: G06F17/60B G06F19/00A G06F19/32E G06F19/32H
G06F19/34A G06F19/34M G06F19/34N G06Q30/06 S06F19/34C
S06F19/34J

PatBase - WO0054206_A2



Family:

Publication number	Publication date	Application number	Application date
AU200033179 A1	20000928	AU20000033179	20000303
AU200033179 A5	20000928	AU20000033179	20000303
CA2366860 AA	20010831	CA20002366860	20000303
EP1163620 A2	20011219	EP20000911189	20000303
JP2002539536 T2	20021119	JP20000604358T	20000303
TW573406 B	20040121	TW20000104110	20000306
WO0054206 A2	20000914	WO20001B00385	20000303
WO0054206 A3	20010222	WO20001B00385	20000303

Priority:

US19990263920 19990305 WO20001B00385 20000303

Probable Assignee: AC PROPERTIES BV

Assignee(s): (std): AC PROPERTIES BV ; ACCENTURE LLP

Assignee(s): ACCENTURE PROPERTIES 2 BV ; FANO ANDREW E ; GERSHMAN ANATOLE VITALY ; MEYERS JAMES L ; SWAMINATHAN KISHORE SUNDARAM ; AC PROPERTIES B V

Inventor(s): (std): FANO ANDREW E ; GERSHMAN ANATOLE VITALY ; MEYERS JAMES L ; SWAMINATHAN KISHORE SUNDARAM

Inventor(s): JAMES L MEYERS ; KISHORE S. SWAMINATHAN ; KISHORE SUNDARAM SWAMINATHAN ; ANATOLE V. GERSHMAN ; ANATOLE VITALY GERSHMAN ; ANDREW E FANO

Agent(s): SMART AND BIGGAR

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Title: A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR UTILIZING A TRANSACTION INTERFACE IN A MOBILE COMMUNICATION **NETWORK**

Abstract: A system is disclosed that facilitates web-based information retrieval and display system. A wireless **phone** or similar hand-held wireless **device** with Internet Protocol capability is combined with other peripherals to provide a portable portal into the Internet. The wireless **device** prompts a user to input information of interest to the user. This information is **transmitted** a query to a service routine (running on a Web **server**). The service routine then queries the Web to find price, shipping and availability information from various Web suppliers. This information is then available for use by various applications through a transaction interface.

Classifications:

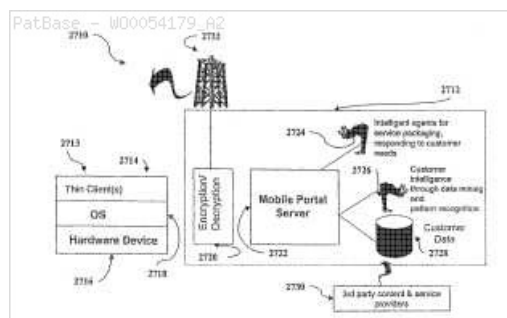
International (IPC 8-9): G06F17/30 G06Q30/00

H04B1/38 (Advanced/Invention)

International (IPC 1-7): G06F17/30 G06F17/60 H04B1/38

CPC: G06Q30/06 G06F17/30867 G06F17/3087

European: G06F17/30W1F G06F17/30W1S G06F17/60B G06Q30/06



Family:

Publication number	Publication date	Application number	Application date
AU200033187 A1	20000928	AU20000033187	20000303
AU200033187 A5	20000928	AU20000033187	20000303
TW463109 B	20011111	TW20000104117	20000306
WO0054179 A2	20000914	WO2000IB00394	20000303
WO0054179 A3	20010201	WO2000IB00394	20000303

Priority:

US19990263251 19990305 WO2000IB00394 20000303

Probable Assignee: AC PROPERTIES BV

Assignee(s): (std): AC PROPERTIES BV

Assignee(s): AC PROPERTIES B V

Inventor(s): (std): FANO ANDREW E ; GERSHMAN ANATOLE VITALY ; MEYERS JAMES L ; SWAMINATHAN KISHORE SUNDARAM

Inventor(s): ANATOLE VITALY GERSHMAN ; ANDREW E FANO ; JAMES L MEYERS ; KISHORE SUNDARAM SWAMINATHAN

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Title: MOBILE COMMERCE EXECUTION METHOD AND APPARATUS

Abstract: A mobile commerce execution method and apparatus using a mobile device and an external mobile commerce module is provided. The method for executing mobile commerce includes detecting, at the mobile device, a connection of an external module, determining whether the external module is a mobile commerce module, activating a mobile commerce function by exchanging control signals with the mobile commerce module, and executing an operation according to a key input.

Classifications:

International (IPC 8-9): G06Q20/00 G06Q30/00 G06Q40/00
H04B1/38 H04B1/40 H04M1/72 H04M1/725

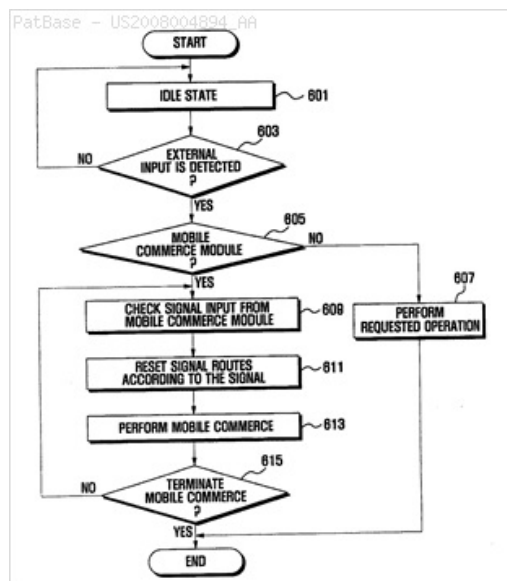
H04Q7/32 (Advanced/Invention);

H04B1/40AN10 (Advanced/Non-invention)

CPC: G06Q20/327 G06Q20/32 G06Q20/3226 H04M1/72527
H04M1/0254

European: G06Q20/32 G06Q20/3226 G06Q20/327

US: 455/557 455/557P 705/1

**Family:**

Publication number	Publication date	Application number	Application date
CN101098531 A	20080102	CN200710105416	20070530
EP1874014 A2	20080102	EP20070010879	20070601
EP1874014 A3	20080416	EP20070010879	20070601
KR100754825 B1	20070904	KR20060061155	20060630
US2008004894 AA	20080103	US20070798695	20070516

Priority:

KR20060061155 20060630

Probable Assignee: SAMSUNG ELECTRONICS CO LTD

Assignee(s): (std): SAMSUNG ELECTRONICS CO LTD

Assignee(s): SAMSUNG ELECTRONICS CO

Inventor(s): (std): AN HAE JUN ; HAE AN JUN ; IN JEONG SOON ; JEONG SOON IN ; KIEU YANG HYUN ; SEOK SON HYEON ; SON HYEON SEOK ; YANG HYUN KIEU

Agent(s): LANG JOHANNES; ROYLANCE ABRAMS BERDO AND GOODMAN LLP

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL PL PT RO RS SE SI SK TR YU

Title: SYSTEM, METHOD, **APPARATUS**, AND **COMPUTER PROGRAM PRODUCT** FOR AN **ELECTRONIC**, CROWDSOURCED MARKETING CAMPAIGN

Abstract: A method, system, **apparatus**, and **computer program product** are disclosed for **receiving** a discount at a wireless **device**. The discount may be redeemable at a merchant. The discount may be part of a marketing campaign which defines a number of discounts **receivable** and potentially redeemable by the wireless **device**. A first discount may be redeemable by a first wireless **device** which initiated the marketing campaign. A second discount may be redeemable by at least one second wireless **device**, which is different than the first wireless **device**.

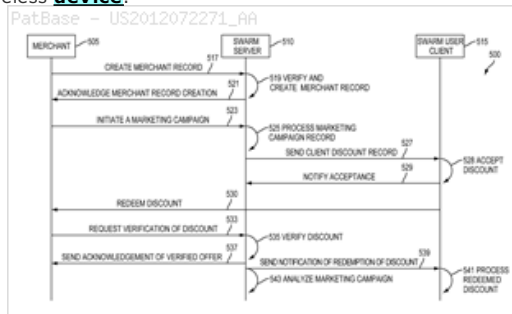
Classifications:

International (IPC 8-9): G06Q30/00 (Advanced/Invention)

CPC: G06Q30/02 G06Q30/0207

European: G06Q30/02 G06Q30/0207

US: 705/14.1 705/14.100P



Family:

Publication number	Publication date	Application number	Application date
US2012072271 AA	20120322	US20100945601	20101112

Priority:

US20100384539P 20100920 US20100945601 20101112

Probable Assignee: QUALCOMM INC

Assignee(s): (std): FIRETHORN HOLDINGS LLC ; DESSERT LEANNA MARIE ; DESSERT ROBERT L

Assignee(s): FIRETHORN MOBILE INC ; OUTLIER INC ; QUALCOMM INC

Inventor(s): (std): DESSERT ROBERT L ; DESSERT LEANNA MARIE

Title: **APPARATUS** AND METHODS FOR FACILITATING REAL ESTATE TRANSACTIONS

Abstract: **Apparatus** and methods for approving financing for the sale of real estate. The **apparatus** and methods may involve **receiving** from a **seller**, or a **seller's** agent, information regarding the property so that a financial institution can determine a loan amount before the **seller** is engaged by a **buyer**. The financial institution may order from vendors documentation and certification desired or required for closing. The financial institution may issue a seal certifying that the financial institution has pre-approved a loan in a stated amount. The amount may be subject to change based on the qualifications of a **buyer**.

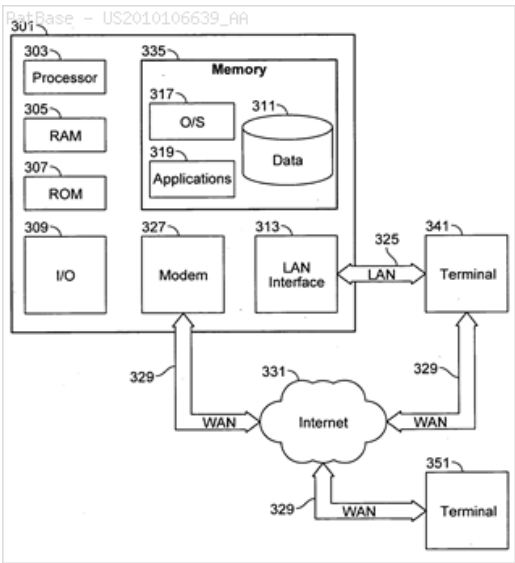
Classifications:

International (IPC 8-9): G06Q30/00 G06Q40/00 (Advanced/Invention)

CPC: G06Q40/00 G06Q30/00 G06Q40/025

European: G06Q30/00 G06Q40/00 G06Q40/025

US: 705/35 705/38 705/38P



Family:

Publication number	Publication date	Application number	Application date
US2010106639 AA	20100429	US20080258511	20081027
US8417625 BB	20130409	US20080258511	20081027

Priority:

US20080258511 20081027

Probable Assignee: BANK OF AMERICA

Assignee(s): (std): BANNERJEE SUDESHNA ; CARUSO ROBERT ; MAULDIN ROBERT ; ESHLEMAN ROBERT HUBER ; GHOSH DEBASHIS ; O BRIEN TIMOTHY ; BARBOUR KIM ; KELLY MICHAEL ; BANK OF AMERICA

Assignee(s): BANK OF AMERICA CORP

Inventor(s): (std): BANERJEE SUDESHNA ; BANNERJEE SUDESHNA ; BARBOUR KIM ; CARUSO ROBERT ; ESHLEMAN ROBERT HUBER ; GHOSH DEBASHIS ; KELLY MICHAEL ; MAULDIN ROBERT ; O BRIEN TIMOTHY

Inventor(s): O'BRIEN TIMOTHY

Agent(s): WEISS AND ARONS LLP; MICHAEL

Title: AUTOMATED METHOD AND SYSTEM FOR MERCHANDIZE TRANSACTIONS

Abstract: A method and system are provided for **selling** merchandise. The method includes **receiving** an order from a customer for a **product** desired to be picked up by the customer at a given location, readying the **product** for customer pickup at the given location after **receiving** the order, detecting the arrival of the customer, and moving the **product** to a loading station at the given location for customer pickup.

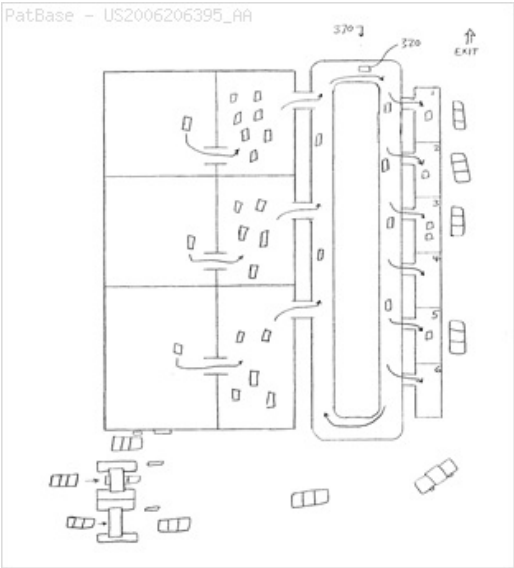
Classifications:

International (IPC 8-9): G06F17/60 G06Q30/00 (Advanced/Invention); G06Q30/00 (Core/Invention)

CPC: G06Q10/08 G06Q30/0601 G06Q30/0633

European: G06Q10/08 G06Q30/0601 G06Q30/0633

US: 186/53 186/53S 705/26 705/26.1 705/26.100P 705/26.8 705/26P



Family:

Publication number	Publication date	Application number	Application date
US2006206395 AA	20060914	US20060421066	20060530
US7054832 BA	20060530	US20000598196	20000621

Priority:

US19990140762P 19990624 US20000598196 20000621 US20060421066 20060530

Probable Assignee:

VALLABH RAJESH

Assignee(s): (std):

VALLABH RAJESH

Inventor(s): (std):

VALLABH RAJESH

Agent(s):

BOSTON IP LAW GROUP

Title: SYSTEM AND METHOD FOR CONFIGURING GOODS AND SERVICES

Abstract: A system, method, **apparatus**, and **computer program** code for facilitating the sale of an item in an auction involving a plurality of participants includes identifying a bid for the item, the bid made by one of the participants. A desired configuration associated with the bid is then identified. The bid is modified to reflect the desired configuration. A status of the auction is updated based on the modified bid.

Classifications:

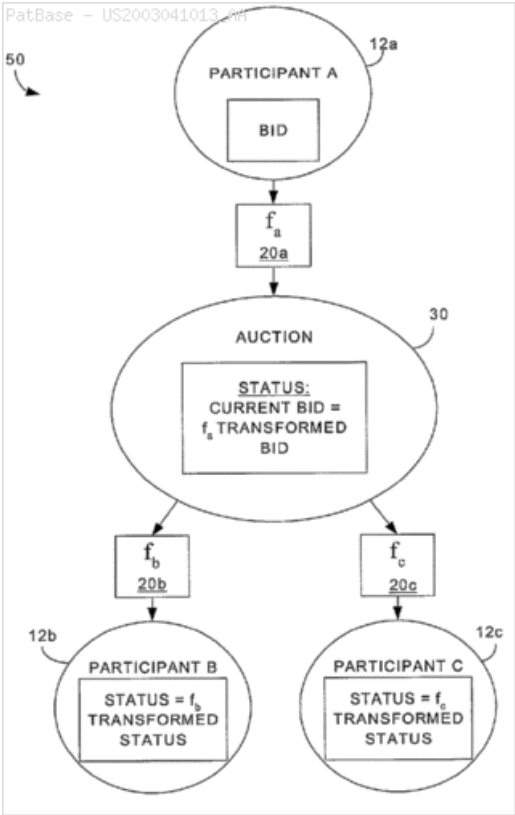
International (ipc 8-9): G06Q30/00 G06Q30/08 (Advanced/Invention); G06Q30/00 (Core/Invention)

International (ipc 1-7): G06F17/60

CPC: G06Q30/08 G06Q40/04

European: G06F17/60B4 G06Q30/08 G06Q40/04

US: 705/37 705/37P



Family:

Publication number	Publication date	Application number	Application date
US2003041013 AA	20030227	US20010935315	20010822

Priority:

US20010935315 20010822

Probable Assignee: IBM

Assignee(s): DIETRICH BRENDA L ; ECK BRIAN T ; FELDMAN STUART I ; GREY WILLIAM ; IBM ; INT BUSINESS MACHINES CORP ; SHI DAILUN H ; WU FREDERICK YUNG FUNG

Inventor(s): (std): DIETRICH BRENDA L ; ECK BRIAN T ; FELDMAN STUART I ; GREY WILLIAM ; SHI DAILUN H ; WU FREDERICK YUNG FUNG

Title: METHOD AND SYSTEM FOR NOTIFICATIONS RELATING TO CONSUMER ACTIONS

Abstract: Shopping, the examining and purchase of goods or services from retailers is considered a leisure activity and an economic one with some people considering it recreational and therapeutic and others a task of inconvenience and vexation. Except for the advent of the Internet the fundamentals of shopping have not changed for centuries. However, at the same time the Internet provides unprecedented access to information such as maps, inventory, and pricing to users with fixed and portable **electronic devices**. Embodiments of the invention allow users to define needs and preferences against which the **software** application and **software** system establish results which may be presented to the user in a variety of formats allowing users to plan shopping activities to meet their preferences which may include visiting minimum number of outlets, travelling minimum distance within shopping environment, lowest cost, and stock of outlets as well as comparing Internet and "bricks-and-mortar" retail outlets.

Classifications:

International (IPC 8-9): G06Q30/00 (Advanced/Invention)

CPC: G06Q30/02 G06Q30/06

US: 705/26.62



Family:

Publication number	Publication date	Application number	Application date
US2013179304 AA	20130711	US20120347724	20120111

Priority:

US20120347724 20120111

Probable Assignee:

SWIST JASON

Assignee(s): (std):

SWIST JASON

Inventor(s): (std):

SWIST JASON

Title: CHIP CUSTOMIZATION TECHNIQUES

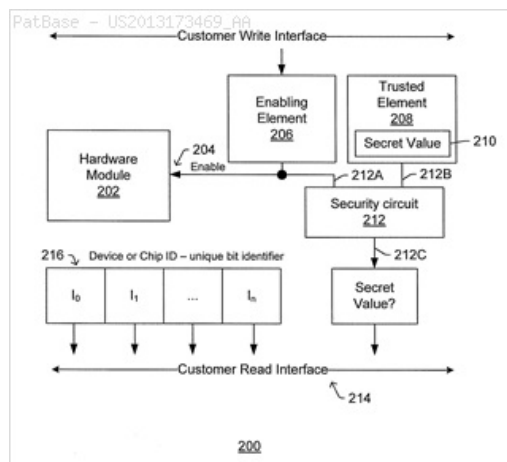
Abstract: Some aspects of the present disclosure provide flexible techniques by which a customer may **selectively** disable unwanted features, and subsequently apply for a refund corresponding to the disabled feature. In some embodiments, these techniques are value-added for a customer because they allow a customer to flexibly change inventory or individual **products** to account for market shifts or changes in personal preferences. In addition, these techniques may also be value-added for the manufacturer because the refund request may give the manufacturer some real-time data regarding market conditions and customer preferences in an efficient manner.

Classifications:

International (IPC 8-9): G06F12/14 G06K19/07
G06Q30/00 (Advanced/Invention)

CPC: G06Q30/0621

US: 705/44 726/27

**Family:**

Publication number	Publication date	Application number	Application date
CN103258225 A	20130821	CN201310001431	20130104
CN103258225 B	20161123	CN201310001431	20130104
TW201346558 A	20131116	TW20120149773	20121225
TWI610175 B	20180101	TW20120149773	20121225
US2013173469 AA	20130704	US20120342501	20120103

Priority:

US20120342501 20120103

Probable Assignee: INTEL CORP

Assignee(s): (std): GOEBEL KLAUS HEINZ ; INTEL CORP ; INTEL DEUTSCHLAND GMBH ; INTEL MOBILE COMM GMBH

Assignee(s): INTEL MOBILE COMMUNICATIONS GMBH

Inventor(s): (std): GOEBEL KLAUS HEINZ