

Diego Gonzalez

Search history

- Search 1: production near line* and ID and identifier and item and sensor and controller (Results 6)
- Search 2: [SP]: 1. method for controlling items on a production/distribution line (2), the items being transported arranged according a given disposition along a transport path of the line through a reading zone (4) toward a collector device (7) operable to collect the items received from the reading zone to form a batch (8) of a given number n of said items, each transported item (5) being marked with a unique item identifier (6) including unique item identification data of the item, the collector device including a sensor (9) operable to detect that a batch of n items has been formed and deliver a corresponding batch signal to a controller (10), said collector device being further operable to deliver a batch of n collected items to a packaging device connected to the controller, said packaging device being operable to pack the batch of n items delivered by the collector device into a batch packaging (12) marked with a batch packaging identifier (13) including batch packaging identification data to form a packed batch (14) and deliver said packed batch, characterized by comprising the steps of: reading at least one unique identifier on at least one of the items at corresponding at least one given position within the reading zone, by means of a first reader (11), the first reader being connected to the controller and sending corresponding first reader signal to the controller extracting each unique item identification data from the received first reader signal in accordance with an ordering corresponding to said given disposition of the items and given position, by means of the controller sequentially storing in a memory connected to the controller, to form a list (15) of unique item identification data, each unique item identification data extracted from said first reader signal according to said ordering and position, by means of the controller upon delivering of a batch signal by the sensor, delivering the batch of n items collected by the collector to the packaging device, packing said delivered batch into a batch packaging and delivering corresponding packed batch, and reading the batch packaging identifier on the batch packaging of the packed batch delivered by the packaging device by means of a second reader connected to the controller, the second reader sending corresponding second reader signal to the controller extracting a batch packaging identification data from the received second reader signal, and retrieving in the list, according to said ordering and position, unique item identification data corresponding to at least one of the n items in the packed batch delivered by the packaging device, by means of the controller and storing in the memory said extracted batch packaging identification data associated with said retrieved unique item identification data, by means of the controller. 2. method according to claim 1, wherein, in case the controller fails to extract a unique item identification data from a received first reader signal or a batch packaging identification data from a received second reader signal, it respectively delivers a first or a second identification error data as the unique item identification data or batch packaging identification data respectively corresponding to said received first or second reader signal. 3. method according to claim 2, wherein, in case the controller delivers a first and a second identification error data relating to a delivered packed batch, the controller delivers a error message indicating an extraction error relating to a first reader signal and a second reader signal. 4. method according to claim 2, wherein, in case the controller delivers a first identification error data and extracts a batch packaging identification data from a received second reader signal relating to a delivered packed batch, the controller delivers a error message indicating an extraction error relating to a first reader signal. 5. method according to claim 2, wherein, in case the controller only delivers a second identification error data relating to a delivered packed batch, the controller delivers an error message indicating an extraction error relating to a second reader signal. 6. method according to claim 3, comprising a further step, in case an error message is delivered by the controller, of storing said error message in the memory by means of the controller. 7. method according to claim 6, comprising the further step of, in case an error message is delivered by the controller, associating in the memory said error message with the corresponding batch packaging identification data of the delivered packed batch, by means of the controller. 8. system for controlling items on a production/distribution line (2), comprising transport means (3) operable to transport items arranged according a given disposition along a transport path of the line through a reading zone (4) toward a collector device (7) operable to collect the items received from the reading zone to form a batch (8) of a given number n of said items, each transported item (5) being marked with a unique item identifier (6) including unique item identification data of the item, the collector device including a sensor (9) operable to detect that a batch of n items has been formed and deliver a corresponding batch signal to a controller (10), said collector device being further operable to deliver a batch of n collected items to a packaging device connected to the controller, said packaging device being operable to pack the batch of n items delivered by the collector device into a batch packaging (12) marked with a batch packaging identifier (13) including batch packaging identification data to form a packed batch (14) and deliver said packed batch, characterized in that: a first reader (11) connected to the controller is operable to read at least one unique identifier on at least one of the items at corresponding at least one given position within the reading zone, the first reader being operable to send corresponding first reader signal to the controller the controller is operable to extract each unique item identification data from a received first reader signal, in accordance with an ordering corresponding to said given disposition of the items and given position the controller is operable to sequentially store in a memory connected to the controller, to form a list (15) of unique item identification data, each unique item identification data extracted from a first reader signal according to said ordering and position upon delivering of a batch signal by the sensor, the collector is operable to deliver the batch (8) of n collected items to the packaging device, the packaging device is operable to pack the received batch of n items into a packaging batch (12) and deliver a corresponding packed batch (14), and a second reader connected to the controller is operable to read the batch packaging identifier (13) on the batch packaging of the packed batch delivered by the packaging device, the second reader being operable to send corresponding second reader signal to the controller the controller is operable to extract a batch packaging identification data from a received second reader signal, and retrieve in the list, according to said ordering and position, unique item identification data corresponding to at least one of the n items forming the batch of collected items in the packed batch delivered by the packaging device and the controller is further operable to store in the memory an extracted batch packaging identification data associated with corresponding retrieved unique item identification data. 9. system according to claim 8, wherein, in case the controller fails to extract a unique item identification data from a received first reader signal or a batch packaging identification data from a received second reader signal, it is operable to respectively deliver a first or a second identification error data as the unique item identification data or batch packaging identification data respectively corresponding to said received first or second reader signal. 10. system according to claim 9, wherein, in case the controller delivers a first and a second identification error data relating to a delivered packed batch, the controller is operable to deliver a error message indicating an extraction error relating to a first reader signal and a second reader signal. 11. system according to claim 9, wherein, in case the controller delivers a first identification error data and extracts a batch packaging identification data from a received second reader signal relating to a delivered packed batch, the controller is operable to deliver a error message indicating an extraction error relating to a first reader signal. 12. system according to claim 9 wherein, in case the controller only delivers a second identification error data relating to a delivered packed batch, the controller is operable to deliver an error message indicating an extraction error relating to a second reader signal. 13. system according to claim 10, wherein, in case an error message is delivered by the controller, the controller is further operable to store said error message in the memory. 14. system according to claim 13, wherein, in case an error message is delivered by the controller, the controller is further operable to associate in the memory said delivered error message with the corresponding batch packaging identification data of the delivered packed batch. (Results 9)
- Search 3: PACK* and dentification* and Proces* and memory and sensor (Results 2)
- Search 4: TAC=(pack* and identification and processor and memory) and IC=(G06) (Results 3745)
- Search 5: TAC=(pack* and identification and processor and memory and sensor and item) and IC=(G06) (Results 218)
- Search 6: TAC=(pack* and identification and processor and memory and sensor and item and distribution) and IC=(G06) (Results 109)
- Search 7: TAC=(pack* and identification and processor and memory and sensor and item and distribution and reader) and IC=(G06) (Results 76)
- Search 8: TAC=(pack* and identification and processor and memory and sensor and item and distribution and reader and stor*) and IC=(G06) (Results 75)
- Search 9: TAC=(pack* and identification and processor and memory and sensor and item and distribution and reader and stor* and transport*) and IC=(G06) (Results 56)
- Search 10: TAC=(pack* and identification and processor and memory and sensor and item and distribution and reader and stor* and transport* and mark*) and IC=(G06) (Results 18)
- Search 11: TAC=(pack* and identification and processor and memory and sensor and item and distribution and reader and stor* and transport* and mark*) and IC=(B65) (Results 4)
- Search 12: TAC=(pack* and identification and processor and memory and sensor and item and distribution and reader and stor* and transport*) and IC=(B65) (Results 5)
- Search 13: TAC=(pack* and identification and processor and memory and sensor and item and distribution and reader and stor*) and IC=(B65) (Results 9)
- Search 14: TAC=(pack* and identification and processor and memory and sensor and item and distribution and reader and stor*) and IC=(B65B) (Results 2)
- Search 15: TAC=(pack* and identification and processor and memory and sensor and item and distribution) and IC=(B65B) (Results 3)
- Search 16: TAC=(pack* and identification and processor and memory and sensor and item) and IC=(B65B) (Results 6)
- Search 17: TAC=(packing and identification and processor and memory and sensor and distribution) and IC=(B65B) (Results 3)
- Search 18: TAC=(pack* and identification and processor and memory and sensor and distribution) and IC=(B65B) (Results 9)

Search 19: TAC=(pack* and identification and processor and memory and sensor and distribution) and IC=(B65B) (Results 9)

Search 20: TAC=(pack* and identification and processor and memory and sensor and item and distribution and reader and stor* and transport* and batch) and IC=(G06) (Results 5)

Search 21: TAC=(pack* and identification and processor and memory and sensor and item and distribution and reader and batch) and IC=(G06) (Results 10)

Title: Antenna array for smart RFID tags

Abstract: Source: US2002044096A An antenna array comprises a plurality of antenna loops disposed to define a portal or passageway or other detection region in which the plural antenna loops transmit and/or receive electromagnetic signals. A **processor** coupled to the plural antenna loops processes at least the received signals and/or transmitted signals. The plural antennas may be arrayed in a rectangular array, on hanging flexible substrates or other suitable arrangement, and may be coupled to the **processor** by a filter or selective switch. The **processor** may be coupled to a utilization system for cooperating therewith for performing a desired function.

Classifications:

International (IPC 8-9): G06F11/30 G06F17/50 G06F17/60 G06F19/00 G06F21/00 G06K17/00 G06K19/07 G06K5/00 G06K5/10 G06K7/08 G06K7/10 G06K9/00 G06K9/18 G06K9/68 G06Q10/00 G06Q10/08 G06Q10/10 G06Q30/00 G06Q50/00 G06Q50/24 G06Q50/34 G06Q99/00 G07C13/00 G08B13/14 G08B13/24 G08B19/00 G08B23/00 H01Q1/12 H01Q1/22 H01Q1/38 H01Q21/00 H01Q21/24 H01Q21/28 H01Q21/29 H01Q7/00 H03M13/00 H04L29/06 H04L9/32 H04Q5/22 (Advanced/Invention); G06K17/00 G07C9/00 G08B13/14 (Advanced/Non-invention); G06F11/30 G06F19/00 G06F21/00 G06K17/00 G06K5/00 G06K7/08 G06K7/10 G06K9/00 G06K9/18 G06Q10/00 G06Q30/00 G06Q50/00 G07C13/00 G08B13/14 G08B19/00 H01Q1/12 H01Q1/22 H01Q1/38 H01Q21/00 H01Q21/24 H01Q7/00 H03M13/00 H04L29/06 H04L9/32 H04Q5/00 (Core/Invention); G06K17/00 (Core/Non-invention); G06K G08B (Subclass/Invention)

International (IPC 1-7): G01F G06F1/00 G06F11/30 G06F12/14 G06F17/60 G06K9/00

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H01Q21/29 G06F19/323 G06F19/327 G06F19/3462 G07C9/00111 G06K7/14 G06K17/0032 G06K2017/0038 H04L63/123 G06Q50/34 G07F17/3288

G08B13/2448 G06K7/10336 G06K19/07749 G06K19/07756 G06K19/07767 G06K2017/0045

European: G06F17/60A G06F17/60R G06F19/32G G06F19/34L1 G06K17/00 G06K17/00K G06K19/077T G06K19/077T2E G06K19/077T4A

G06K19/077T G06K7/10A8 G06K7/10A8C G06K7/10A8E G06Q10/02 G06Q45/00 G06Q10/08 G06Q10/10 G06Q50/24 G06Q50/28 G06Q50/34

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S07C9/00B10 T04L63/12A

US: 235/375 235/375S 235/376 235/381 235/382 235/383 235/384 235/385 235/385P 235/386 235/386P 235/386S 235/435 235/435S 235/437

235/454 235/454P 235/454S 235/487 235/487S 235/492 235/494 235/494S 235/50.00R 235/50R 235/51 235/54.00F 235/54F 340/10.1

340/10.100S 340/10.5 340/10.500S 340/10.51 340/10.52 340/5.1 340/5.25 340/5.250P 340/5.8 340/5.800S 340/5.92 340/5.920S 340/539.12

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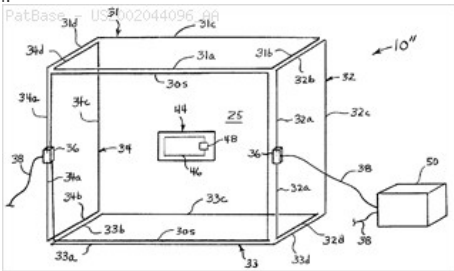
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382/120 382/121 382/122 382/123 382/186 382/186S 382/187 382/218 382/219 382/305 455/414 705/1 705/12 705/12P 705/29 705/29P 705/3

709/201 713/168 713/176 713/186 713/189 713/200 713/201 713/202 714/752 716/100 726/13 726/5 726/7 726/7P

Family:

Publication number	Publication date	Application number	Application date
AU2001297012 AA	20020422	AU20010297012	20011009
AU2001297675 AA	20020919	AU20010297675	20011101
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CA2469146 AA	20040519	CA20012469146	20011101
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EP1514247 A4	20090722	EP20010981491	20011011
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Probable Assignee: PANASEC CORP

Assignee(s): (std): AVANTE INT TECHNOLOGY ; AVANTE INT TECHNOLOGY INC ; CHUNG KEVIN K ; CHUNG KEVIN KWONG TAI ; SHI XIAOMING ; KWONG TAI CHUNG KEVIN ; DONG VICTOR JUN ; MINADEO JAMES ARTHUR ; MINADEO JAMES A ; CHUNG KEVIN KWONG TAIQ ; DONG VICTOR J ; AI TECHNOLOGY ; AMERASIA INT TECHNOLOGY I ; AMERASIA INT TECHNOLOGY INC ; PANASEC CORP

Assignee(s): LIU SHUIWANG ; AVANTE INT ; AL TECHNOLOGY ; AMERASIA INT ; SILICON VALLEY BANK

Inventor(s): (std): DONG VICTOR JUN ; JAMES A MINADEO ; KEVIN KWONG TAI CHUNG ; KWONG TAI CHUNG KEVIN ; LIU SHUIWANG ; MINADEO JAMES A ; MINADEO JAMES ARTHUR ; SHI XIAOMING ; XIAOMING SHI ; DONG VICTOR J ; CHUNG KEVIN K ; CHUNG KEVIN KWONG TAI ; CHUNG KEVIN KWONG TAIQ

Inventor(s): DONG VICTOR ; CHUNG KEVIN

Agent(s): HANSON WILLIAM BENNETT; DANN DORFMAN HERRELL AND SKILLMAN; DANN DORFMAN HERRELL AND SKILLMAN PC; CLEMENT A; BERARD ESQ CLEMENT A

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: SYSTEMS, METHODS, AND DEVICES FOR SELLING TRANSACTION INSTRUMENTS

Abstract: Source: US2005199705A The present invention generally relates to a system and method for **distributing** an open transaction instrument. The system includes the steps of: accessibly offering for sale, in a retail environment, the open transaction instrument; selling a selected open transaction instrument; and enabling the use of the open transaction instrument. The transaction instrument may be, for example, an open pre-paid card. Furthermore, accessibly offering the open pre-paid card for sale, in one exemplary embodiment, is performed by hanging the pre-paid card on a rack. The **distribution** of the open transaction instrument may also comprise the step of sending a message, in substantially real time, causing the pre-paid open transaction instrument to be funded but not activated. Also, in accordance with further exemplary embodiments of the present invention, an issuer system is suitably configured to leverage existing infrastructure for inventory and related processes.

Classifications:

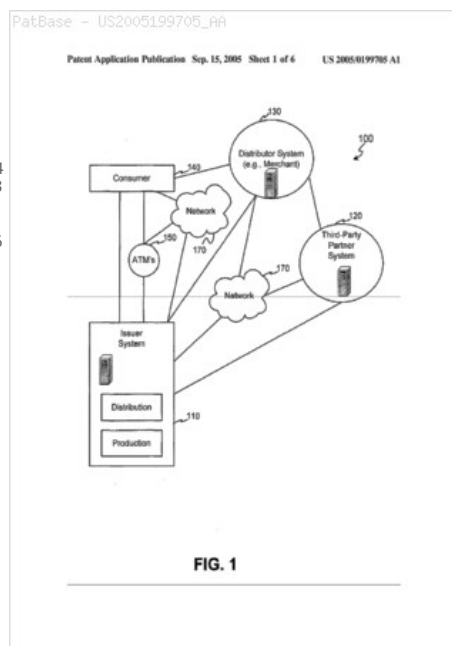
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International (IPC 1-7): G06F17/60 G06G1/14 G06K5/00

CPC: G06Q20/203 G06Q40/025 G06Q40/02 G06Q20/105 G06Q20/20 G06Q20/202

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US: 235/375 235/375S 235/379 235/379S 235/380 235/380P 235/380S 235/381 235/383 235/383S 235/385 235/385P 235/385S 235/487 705/14.15 705/14.150P 705/16 705/17 705/17P 705/21 705/21P 705/21S 705/22 705/22S 705/26.1 705/35 705/35S 705/38 705/38S 705/39 705/39S 705/41 705/41S 705/44 705/44P

**Family:**

Publication number	Publication date	Application number	Application date
US2005199705 AA	20050915	US20050905663	20050114
US2005199706 AA	20050915	US20050905888	20050125
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US2007057045 AA	20070315	US20060556953	20061106
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WO05094407 A3	20061130	WO2005US02810	20050202
WO05094408 A2	20051013	WO2005US02815	20050202
WO05094408 A3	20060511	WO2005US02815	20050202
WO05094408 B1	20060629	WO2005US02815	20050202
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Priority:

US20040552842P	20040312	US20040553781P	20040317	US20040522955P	20041124
US20070844663	20070824	US20050905888	20050125	US20070671287	20070205
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Probable Assignee: SHARECOMM LIABILITY CO LTD

Assignee(s): (std): AMERICAN EXPRESS TRAVEL RELATE ; BECK RANDALL G ; BECK RANDY ; FELDMAN GENNYE ; HOLT ELIZABETH A ; HEITZ RACHEL RILEY ; IMADA JON STEVEN ; HOLT ELIZABETH ANNE ; FELDMAN GENNYE HANNOVER ; MILLER SVEN ; PAGE CLYDE ; RUBNER MARC ; ROSE JOHN R ; VOLLMER NICOLE M ; MARTINEZ PAULA S ; KEISER STEVEN J ; INC AMERICAN EXPRESS TRAVEL RE ; VOLLMER NICOLE MILNE ; SHARECOMM LTD LIABILITY CO ; SIMPER PAULA S ; KRASNER GENNYE FELDMAN ; AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPANY I

Assignee(s): AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPANY INC ; INC AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPA ; GENERAL COUNSEL S OFFICE ; GENERAL COUNSEL'S OFFICE ; GENERAL COUNSEL'S OFFICE ; INC AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPANY ; SHARECOMM LIABILITY CO LTD ; INC AMERICAN EXPRESS TRAVEL RELATED SERVICES CO ; AMERICAN EXPRESS TRAVEL RELATED SERVICES CO ; AMERICAN EXPRESS TRAVEL RELATED SERVICES CO INC ; AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPANY

Inventor(s): (std): BOYLE EDWARD J ; FELDMAN GENNYE ; FELDMAN GENNYE H ; FELDMAN GENNYE HANNOVER ; FELDMAN KRASNER GENNYE H ; HOLT ELIZABETH A ; HOLT ELIZABETH ANNE ; IMADA JOHN STEVEN ; HEITZ RACHEL R ; HEITZ RACHEL RILEY ; IMADA JON S ; IMADA JON STEVEN ; MARTINEZ PAULA S ; MCDEVITT THEA S ; MILLER SVEN ; PAGE CLYDE ; ROSE JOHN R ; RUBNER MARC ; SIMPER PAULA S ; TIBBITTS LORENZO E ; VOLLMER NICOLE M ; VOLLMER NICOLE MILNE ; WILLIAMS ANGELA ; BECK RANDY ; BECK RANDALL G ; WYBRANIEC JENNIFER L ; KEISER STEVEN J ; KRASNER GENNYE FELDMAN

Inventor(s): MARTINEZ PAULA ; BECK RANDALL ; VOLLMER NICOLE ; ROSE JOHN ; KEISER STEVEN ; HOLT ELIZABETH ; IMADA JON ; HEITZ RACHEL

Agent(s): SNELL AND WILMER, ONE ARIZONA CENTER; AMERICAN EXPRESS TRAVEL RELATED SERVICES CO INC C O SNELL AND WILMER LLP; FITZPATRICK CELLA (AMEX); FITZPATRICK CELLA AMEX; SNELL AND WILMER LLP AMEX; SNELL AND WILMER LLP; FITZPATRICK CELLA HARPER AND SCINTO

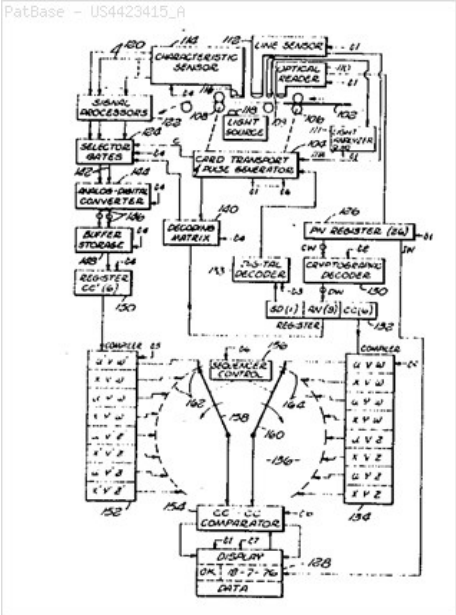
Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU 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: NON-COUNTERFEITABLE DOCUMENT SYSTEM

Abstract: Source: US4423415A A system is disclosed for authenticating an object on the basis of certain physical phenomena or character, specifically, measurable, but not practicably duplicable random variations in the object. In one form, the object (authenticator (T)) is a paper tag having a reference space (14), the varying translucency pattern of which is a measurable but practicably unduplicable characteristic of the paper. The reference space (14) is sensed to provide reference signals indicative of the varying translucency. A reference numeral (10) is then provided from some registered form, as on the tag or in a list. If the numeral (10) is readily accessible, it likely will be cryptographically encoded. Note the value of putting encoded information on the tag to avoid the need for large reference files. For verification, freshly sensed reference signals, as from the tag (T) (actually characteristic of the tag) are compared with signals that previously were sensed as characteristic of the tag (T). Structures are disclosed as specific forms of the authenticator (T), along with apparatus for authenticator production, detection and manipulation. Different forms of tags (210) are disclosed, the measurable characteristic of which involves light transmissivity and reflectivity. Apparatus (111) for spectrographic confirmation of tag material is also disclosed. In an illustrative form of a tag (T) as an **identification** means, tags and processing apparatus utilize magnetic medium (218) and printed images (214). The magnetic medium is also disclosed to be recorded as for developing information on shelf life and sales channels.

Classifications:

International (IPC 8-9): B42D15/02 B42D15/10 B65G47/49 G05B1/00 G06F19/00 G06K17/00 G06K19/08 G06K19/10 G06K19/14 G06K5/00 G06K9/00 G06K9/36 G06K9/62 G06Q30/00 G06Q30/02 G06Q50/00 G07D1/00 G07D7/00 G07D7/12 G07D7/20 G07F1/00 G07F1/04 G07F7/08 G07F7/10 G07F7/12 G09F3/00 G11B20/12 G11B23/00 G11B23/40 G11B23/44 H04Q9/00 (Advanced/Invention); B42D15/02 B42D15/10 B65G47/48 G05B1/00 G06F19/00 G06K17/00 G06K19/08 G06K19/10 G06K19/14 G06K5/00 G06K9/36 G06Q30/00 G07D7/00 G07F7/08 G07F7/12 G09F3/00 H04Q9/00 (Core/Invention); G06K (Subclass/Invention)
International (IPC 1-7): B42D15/02 B65C9/46 B65G47/49 D21H5/10 G05B1/00 G06F15/20 G06F15/21 G06F15/30 G06F7/04 G06K17/00 G06K19/00 G06K19/08 G06K19/10 G06K5/00 G06K7/08 G06K7/10 G06K9/00 G06K9/36 G06K9/62 G07C G07D1/00 G07D7/00 G07F1/00 G07F7/08 G09C5/00 G09F3/00 G09F3/03 G11B20/12 G11B5/09 G11B5/80 G11B7/00 H04Q9/00
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European: G06F17/60B2 G06K17/00 G06K19/08C2 G06K19/10 G06K19/14 G06Q20/347 G06Q30/02 G07D7/00B6 G07D7/00B8 G07D7/00D G07D7/00D2 G07D7/00D4 G07D7/12 G07D7/20 G07F7/08 G07F7/08A2 G07F7/08B G07F7/10 G07F7/10P6B G07F7/12 G07F7/12B G07F7/12C S06K17/00W18 S06K17/00W20
US: 235/375 235/380 235/381 235/382 235/385 235/454 235/468 235/487 235/493 283/112 283/113 283/58 283/72 283/74 283/77 283/79 283/82 283/83 283/83 283/904 283/91 340/10.41 340/5.28 340/5.4 340/5.66 340/5.86 340/5.9 340/5.92 340/825.034 340/825.34 340/825.35 356/71 380/51 380/54 713/168 713/176 713/185 902/22 902/25 902/29 902/4 902/5 902/6 902/7



Family:

Publication number	Publication date	Application number	Application date
AT16860 E	19851215	AT19810901976T	19810619
AT51483 E	19900415	AT19830903022T	19830729
AT60680 E	19910215	AT19850307877T	19851031
AT67328 E	19910915	AT19810108691T	19810619
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CA1160749 A1	19840117	CA19810380366	19810622
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EP0131574 A4	19871112	EP19830901776	19830415
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EP0155982 A1	19851002	EP19840108691	19810619
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EP0187448 A2	19860716	EP19850307877	19851031
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EP0298156 A3	19890118	EP19870118167	19810619
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US4423415 A	19831227	US19810276282	19810622

US4476468 A	19841009	US19830503392	19830610
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Priority:

US19800161838	19800623	EP19810901976	19810619	EP19840108691	19810619
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Probable Assignee: LIGHT SIGNATURES INC

Assignee(s): (std): LIGHT SIGNATURES INC ; LIGHTS SIGNATURES INC

Assignee(s): TELECREDIT INC ; RAITO SHIGUNEICHAAZU INC ; RAITO SHIGUNEICHIYAAZU INC ; LIGHT SIGNATURES INC A CORP OF CA ; TELECREDIT INC A CORP OF DE ; LIGHT SIGNATURES INC A CORPOF CA ; LIGHT SIGNATURES INC WAS NEW LSI INC 1901 AVENUE O ; LIGHT SIGNATURES INC LOS ANGELES CALIF US ; LIGHT SIGNATURES INC WAS NEW LSI INC 1901 AVENUE OF STARS LOS ANGELES CA 90067 A CORP OF CA.. ; LIGHT SIGNATURES INC 1901 AVENUE OF STARS LOS ANGE ; LIGHT SIGNATURES INC 1901 AVENUE OF STARS LOS ANGELES CA 90067 ; LIGHT SIGNATURES INC A CA CORP ; GOLDMAN ROBERT N ; KATZ RONALD A ; LIGHT SIGNATURES IN ; LIGHT SIGNATURES IN 1901 AVE STARS LOS ANGELES CA

Inventor(s): (std): GOLDMAN R ; GOLDMAN ROBERT ; KATZ RONALD ; KATZ RONALD A ; RN GOLDMAN ; ROBAATO ENU GOORUDOMAN ; ROBAATO NOOMAN GOORUDOMAN ; RONARUDO ARAN KATSUZU ; KATZ RONALD ALAN ; GOLDMAN ROBERT NORMAN ; GOLDMAN ROBERT N ; GOLDMAN R N ; GOLDMAN NORMAN ; GOLD DAVID

Inventor(s): GOLDMAN NORMAN ROBERT KAILUA HI 96734 US ; KATZ RONALD ALAN LOS ANGELES CA 90024 US ; R N GOLDMAN ; GOLDMAN ROBERT NORMAN KAILUA HAWAII 96734 US ; GOLDMAN ROBERT NORMAN KAILUA HI 96734 US ; GOORUDOMAN ROBAATO NOOMAN

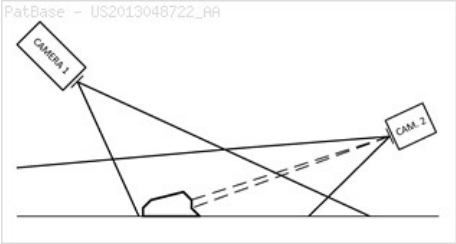
Designated states: AT AU BE BR CH DE DK FI FR GB HU IT JP KP LI LU NL NO SE

Title: METHODS AND ARRANGEMENTS FOR SENSING IDENTIFICATION INFORMATION FROM OBJECTS

Abstract: Source: US2013048722A In one arrangement, retail product packaging is digitally watermarked over most of its extent to allow machine identification by one or more inexpensive cameras at retail checkouts. Such a system also considers image fingerprints, product configuration, barcodes and other available information in identifying products. Imagery captured by conventional or plenoptic cameras is processed to derive several perspective-transformed views, which are provided to the identification system-increasing throughput by minimizing the need to manually reposition items for identification. Crinkles and other deformations in product packaging are optically sensed, allowing the surface to be virtually flattened to aid identification. A marked conveyor belt at the checkout station increases speed and accuracy, and provides other benefits to both shoppers and sellers. A great variety of other features are also detailed.

Classifications:

International (IPC 8-9): G01B11/00 G06K19/00 G06K7/10 G06K7/14 G06K9/20 G06K9/78 G06Q20/20 G06Q30/00 G06T1/00 G07G1/00 (Advanced/Invention); G06K7/14 (Advanced/Non-invention)
CPC: G06K9/00201 G06K9/3216 G06K2009/3225 G06Q20/208 G06T3/00 G06T1/0064 G06K9/00 G06K7/10861 G06K7/1443 G06K7/1452 G07G1/0045 G06K9/78 G06K2209/25 G06T1/005 G06K9/3233 G06T2201/0051 G06T2201/0065 G06Q30/00 G06T5/006 G06T7/0004 G06T7/0042 G06T2207/10016 G06T2207/10021 G06T2207/10024 G07G1/0036 G06K7/1456
US: 235/375 235/383 235/454 235/462.01 235/462.08 382/100 705/23



Family:

Publication number	Publication date	Application number	Application date
CA2888153 AA	20150410	CA20132888153	20131021
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Priority:

US20110529214P 20110830	US20110531525P 20110906	US20110537523P 20110921
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WO2013US65958 20131021		

Probable Assignee: DIGIMARC CORP

Assignee(s): (std): DIGIMARC CORP ; DAVIS BRUCE L ; CONWELL WILLIAM Y ; FILLER TOMAS ; GERLACH REBECCA L ; LORD JOHN D ; EVANS ERIC D ; BAI YANG ; BOUNKETH BENJAMIN B ; BRANDIS ROBERT CRAIG ; RHOADS GEOFFREY B ; RODRIGUEZ TONY F ; REED ALASTAIR M ; STACH JOHN

Assignee(s): MACINTOSH BRIAN T ; CALHOON SEAN ; FOOTEN MARC G

Inventor(s): (std): BAI YANG ; BOUNKETH BENJAMIN B ; BRANDIS ROBERT CRAIG ; CALHOON SEAN ; CONWELL WILLIAM Y ; DAVIS BRUCE L ; EVANS ERIC D ; FILLER TOMAS ; FOOTEN MARC G ; GERLACH REBECCA L ; LORD JOHN D ; MACINTOSH BRIAN T ; REED ALASTAIR M ; RHOADS GEOFFREY B ; RODRIGUEZ TONY F ; STACH JOHN

Agent(s): HOARTON LLOYD DOUGLAS CHARLES; DIGIMARC CORP; CONWELL WILLIAM Y

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 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 UG US UZ VC VN ZA ZM ZW

Title: SONIC/ULTRASONIC AUTHENTICATION DEVICE

Abstract: Source: US2002169608A A method for verifying and identifying users, and for verifying users' identity, by means of an authentication device capable of transmitting, receiving and recording audio or ultrasonic signals, and capable of converting the signals into digital data, and performing digital signal processing. Voice pattern(s) and user(s) information of one or more authorized user(s) are recorded and stored on the authentication device. User(s) **identification** is verified by inputting to the authentication device a vocal **identification** signal from a user, and comparing the voice pattern of the vocal **identification** signal with the recorded voice pattern(s) of the authorized user(s), and if a match is detected issuing an indication that the user is identified as an authorized user.

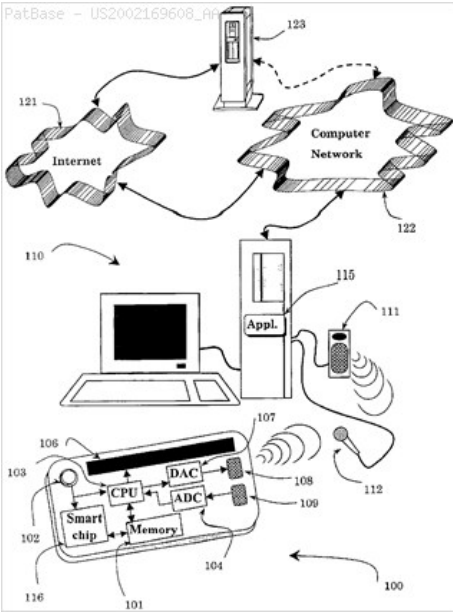
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International (IPC 1-7): A63H1/00 A63H11/00 A63H13/16 A63H13/20 A63H3/02 A63H3/28 A63H30/00 A63H30/02 A63H30/04 A63H33/00 B32B B42D15/10 G01S11/16 G01S15/02 G01S15/10 G01S15/46 G06F1/00 G06F13/00 G06F15/16 G06F17/00 G06F17/60 G06F3/16 G06F7/08 G06F7/10 G06K1/00 G06K17/00 G06K19/06 G06K19/07 G06K5/00 G06K7/10 G08B1/08 G08B13/14 G10K15/02 G10L13/00 G10L15/00 G10L15/10 G10L17/00 H01L41/09 H04B H04B1/06 H04B11/00 H04B5/06 H04L9/00 H04L9/00 H04L9/32 H04M1/00 H04M1/21 H04M1/66 H04M11/00 H04Q1/00 H04R1/24 **CPC:** H04L63/0218 H04L63/12 H04L63/0853 A63F2300/1012 A63F2300/402 A63F2300/6063 A63F2300/8029 A63H30/04 H04L63/107 G01S5/30 G06F3/0433 A63F2300/206 G06Q20/045 G06K19/0723 G06F21/35 G06F21/43 H04M1/2155 H04M1/72527 G06F1/00 G06F13/00 H04L2209/56 G06F2221/2129 G06Q20/4097 G07C9/00087 H04L9/3271 A63H3/28 A63H2200/00 G06F21/41 G06F21/445 G06F2221/2103 G06Q20/00 G06Q20/32 G06Q20/327 G06Q20/3415 G06Q20/342 G06Q20/343 G06Q20/346 G06Q20/3576 G06Q20/387 G06Q20/40975 G06Q30/0207 G06Q30/0225 G07F7/02 G07F7/025 G07G1/0036 H04B11/00 G06K19/0728 G07F17/326 A63H33/00 H01L2924/0002 B32B37/182 B32B2305/342 B32B2309/68 B32B2425/00 G06K19/077 G06K19/07745 G06Q20/04 G06Q20/12 G06Q20/3823 G06Q20/4014 G06Q20/40145 G07F7/1008 G06Q20/10 G06F21/34 G06Q20/341 G10L17/00 G01S5/22 G01S7/003 G01S11/16 G01S15/74 G10L17/005 G06Q20/40 **European:** A63H3/28 A63H30/04 B32B31/00F2A B32B37/18A G01S11/16 G01S15/74 G01S5/22 G01S5/30 G06F21/34 G06F21/35 G06F21/41 G06F21/43 G06F21/44A G06F3/033Z4A2 G06F3/043G G06K19/077 G06K19/077M G06K19/07T G06Q20/00 G06Q20/04 G06Q20/045 G06Q20/12 G06Q20/32 G06Q20/327 G06Q20/341 G06Q20/3415 G06Q20/342 G06Q20/343 G06Q20/346 G06Q20/3576 G06Q20/3823 G06Q20/387 G06Q20/4014 G06Q20/40145 G06Q20/4097 G06Q20/40975 G06Q30/0207 G06Q30/0225 G07C9/00B6D4 G07F19/00 G07F19/00B G07F7/02 G07F7/02E G07F7/10D G07G1/00C G10L17/00U H04B11/00 H04L29/06C6C2 H04L63/02A1 H04L63/08E H04L63/12 H04M1/215A H04M1/725F1B K63F300/10B K63F300/20R K63F300/40D K63F300/60S K63F300/80F K63H200/00 K63H3/28 L32B305/34A L32B309/68 L32B425/00 S01S11/16 S01S7/00R S06F221/2103 S06F221/2129 T04L29/06C6G **US:** 235/375 235/380 235/439 235/439P 235/487 235/492 235/492P 340/384.1 340/384.6 340/573.1 340/573.3 340/573.5 340/573.7 348/473 367/118 367/118P 380/247 380/270 380/33 381/111 381/123 381/123P 446/175 446/175P 446/175S 446/297 446/484 455/161.2 455/18 455/3.01 455/3.010S 455/3.06 455/403 455/412.1 455/414.1 455/414.4 455/454 455/556.1 455/557 455/558 455/84 463/16 463/31 463/36 463/38 463/39 463/39P 463/42 463/42P 700/94 704/200.1 704/231 704/231P 704/246 704/246P 704/273 704/273S 704/E15.001 704/E15.001S 704/E17.003 704/E17.003S 705/14 705/14.1 705/14.100S 705/14.260S 705/39 705/41 705/44 709/200 709/200P 709/202 709/203 709/217 709/220 709/221 713/168 715/727 725/136 725/136S 725/142 725/142S 725/23 725/23P 726/20 726/5 726/5S 726/9 726/9P

Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: DIALWARE INC

Assignee(s): (std): ALTIMAN NAHAN ; ALTIMAN NATHAN ; ALTMAN NATHAN ; ANATI RAM ; ANATI RAMI ; ANTEBI AMIT ; ATSMON ALON ; ATSMON DAN ; ATSMON DANNY ; ATSOM ALON ; COMSENSE TECHNOLOGIES LTD ; BEEPCARD INC ; GLUKHOV MAXIM ; SEGE ALAN ; LEV TSVI ; COHEN MOSHE ; SHIMONI SHARON ; LEV ZVI ; BEEP CARD INC ; BEEPCARD LTD ; DIALWARE INC ; DVASH NIR ; SPEYER GABRIEL ; TEMPELTON THOMAS H ; SPEYER GAVRIEL ; TOY CONTROL LTD ; TAMIR ASAF

Assignee(s): COMENSENSE TECHNOLOGIES LTD ; SPCYER GAVRIEL

Inventor(s): (std): ALTIMAN NATHAN ; ALTMAN NATHAN ; AMIT ANTEBI ; ANATI RAM ; ANATI RAMI ; ANTEBI AMIT ; ATSMON ALON ; ATSMON DAN ; ATSMON DANNY ; ATSOM ALON ; COHEN MOSHE ; ALON ATSMON ; DVASH NIR ; GLUKHOV MAXIM ; LEV TSVI ; LEV ZVI ; MOSHE COHEN ; NATHAN ALTMAN ; SHIMONI SHARON ; SPCYER GAVRIEL ; SPEYER GAVRIEL ; TAMIR ASAF ; TEMPELTON THOMAS H ; THOMAS H TEMPELTON ; ZVI LEV ; SPEYER GABRIEL ; SEGE ALAN

Inventor(s): SHARON SHIMONI ; RAM ANATI ; DANNY ATSMON ; ALAN SEGE ; TSVI LEV ; RAMI ANATI ; NATHAN ALTIMAN ; MAXIM GLUKHOV ; GAVRIEL SPEYER ; ALON ATSOM ; DAN ATSMON

Agent(s): HOARTON LLOYD DOUGLAS CHARLES; WOLF BLOCK SHORR AND SOLIS-COHEN LLP; WOLF BLOCK SHORR AND SOLIS COHEN LLP; MARTIN D MOYNIHAN PRSTI INC; MARTIN D MOYNIHAN D B A PRSTI INC; EHRlich AND FENSTER; KEVIN D; ROOCH BROWN MCCARTHY AND GRUBAR PC

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: **READER** APPLICATION MARKUP LANGUAGE SCHEMA

Abstract: Source: US2006043165A The subject invention provides a system and/or method that facilitates executing a Radio Frequency **Identification** (RFID) process by employing a **reader** application markup language (RAML) schema that provides a portable format to setup and deploy such RFID process. A schema component can receive RFID data relating to an RFID architecture wherein a RAML schema can be created based at least upon such RFID data (e.g., discovered **readers** including settings and/or configurations). The RAML schema can include a sub-system definition (e.g., containing the definition of server state and entities in such server) and a process definition (e.g., containing process related entities and inter-relationships).

Classifications:

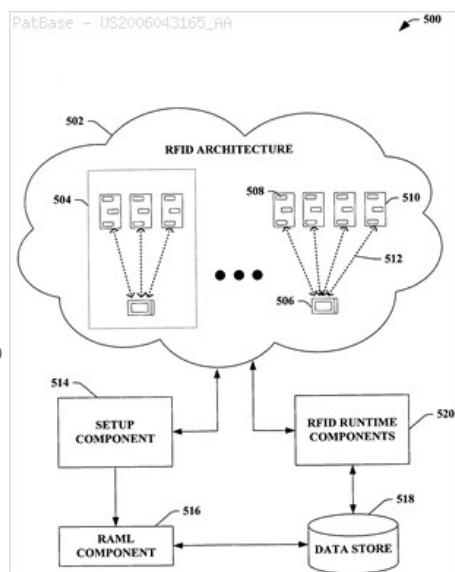
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**Family:**

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Agent(s):

AMIN AND TUROCY LLP; AMIN TUROCY AND CALVIN LLP; WORKMAN NYDEGGER

Designated states:

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

This family is part of an extended family. Please click here to view the extended family.

Title: USER-FRIENDLY RIGHTS MANAGEMENT SYSTEMS AND METHODS

Abstract: Source: US2002186844A A method of performing digital asset management of content is provided. The content is identified with an identifier. The identifier can be identified with a digital watermark, header file, or both. The identifier is linked to usage rules to regulate usage and protect the content. The usage rules can be maintained on a remote or local database or server. Once extracted, an identifier is used to index the database to locate a corresponding usage rule, and can be used to override copy control information with proper purchase and subsequent protection. Content can be managed from such. In another embodiment, an identifier is used to track usage, such as amount of content viewed, time played, and copies made. In yet another embodiment, a content identifier is used to regulate content throughout a distribution chain, and a distributed set of databases with information relevant only to the owner of the database act as one database due to a central router.

Classifications:

International (IPC 8-9): B41K3/38 B42D15/00 B42D15/10 G03G21/04 G06F1/00 G06F11/30 G06F17/00 G06F17/30 G06F21/00 G06F21/10 G06F21/24 G06F7/00 G06F7/04 G06K19/06 G06K19/14 G06K19/18 G06K9/00 G06K9/20 G06K9/30 G06K9/36 G06K9/40 G06K9/46 G06Q10/00 G06Q30/00 G06Q99/00 G06T1/00 G07C9/00 G07D7/00 G07D7/12 G07F17/16 G07F17/26 G07F7/08 G07F7/10 G07F7/12 G09C5/00 G10L11/00 G10L19/00 G10L19/018 G10L21/00 G11B20/00 H03M1/68 H03M7/30 H04B1/66 H04J3/06 H04K1/00 H04L29/06 H04L9/00 H04L9/32 H04N1/00 H04N1/32 H04N1/387 H04N1/40 H04N19/00 H04N19/467 H04N19/59 H04N19/625 H04N19/70 H04N21/2343 H04N21/24 H04N21/254 H04N21/442 H04N21/4627 H04N21/6332 H04N21/658 H04N21/835 H04N21/8352 H04N21/8355 H04N21/8358 H04N21/8543 H04N5/913 H04N7/16 H04N7/173 H04N7/24 H04N7/26 H04W12/04 (Advanced/Invention); B29C45/14 G06K17/00 G11B20/00 H04H20/31 H04N7/26 H04Q7/38 H04W24/00 (Advanced/Non-invention); G03G21/04 G06T1/00 H03M7/30 H04J3/06 H04K1/00 H04L9/00 H04N1/387 H04N1/40 H04N7/167 H04N7/173 H04N7/26 (Core/Invention); H04N7/26 (Core/Non-invention); H04N (Subclass/Invention)

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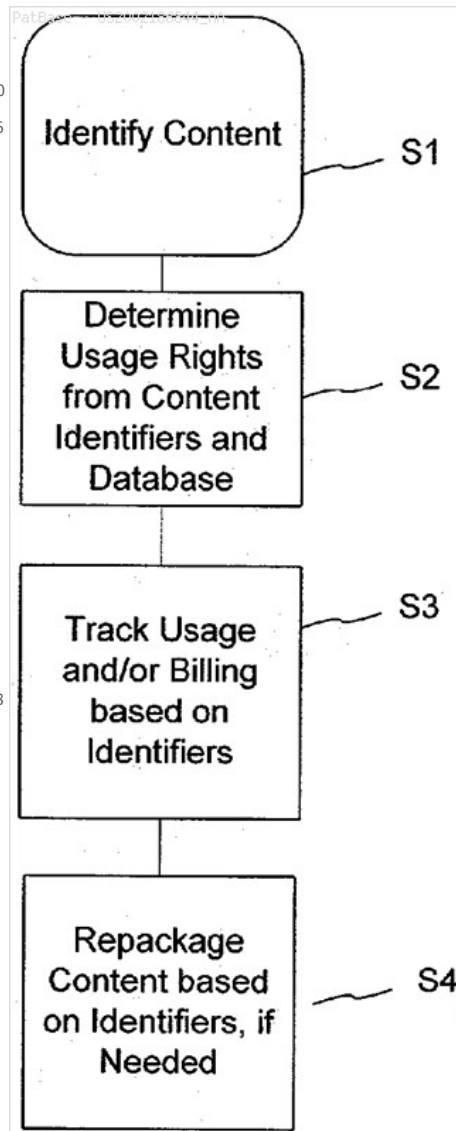
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Probable Assignee: DIGIMARC AN OREGON CORPORATION CORP

Assignee(s): (std): ANDREWS HOYET H III ; ANDREWS HOYET HARRISON III ; BRUNK HUGH L ; CALHOON SEAN ; CARR J S ; CARR J SCOTT ; DAVIS BRUCE L ; DIGIMARC CORP ; RODRIGUEZ TONY F ; RHOADS GEOFFREY B ; HIATT R STEPHEN ; HIATT R S ; PERRY BURT W ; REED ALASTAIR M ; SCHOENHEIT TIM ; MEYER JOEL R ; LEVY KENNETH L

Assignee(s): DMRC CORP ; DMRC LLC ; HIATT R ; DIGIMARC A DELAWARE CORP CORP ; DIGIMARC CORP TUALATIN ; DIGIMARC (AN OREGON CORPORATION) CORP ; DIGIMARC AN OREGON CORPORATION CORP ; DIGIMARC CORP WAS DMRC CORPORATION.. ; DIGIMARC (A DELAWARE CORPORATION) CORP ; DIGIMARC A DELAWARE CORPORATION CORP ; DIGIMARC CORP WAS DMRC CORP ; DIGIMARC AN OREGON CORP CORP

Inventor(s): (std): ANDREWS HOYET H III ; ANDREWS HOYET HARRISON III ; ANDREWS III HOYET HARRISON ; BRUNK HUGH L ; CALHOON SEAN ; CARR J S ; CARR J SCOTT ; DAVIS BRUCE L ; HIATT R S ; HIATT R STEPHEN ; GEOFFREY RHOADS ; LEVY KENNETH L ; MEYER JOEL R ; PERRY BURT W ; REED ALASTAIR M ; RHOADS GEOFFREY B ; RODRIGUEZ TONY F ; SCHOENHEIT TIM

Inventor(s): RODRIGUEZ TONY ; RHOADS B ; RHOADS GEOFFREY ; R STEPHEN HIATT ; REED ALASTAIR ; PERRY BURT ; MEYER JOEL ; HIATT R ; HOYET HARRISON ; KENNETH L LEVY ; LEVY KENNETH ; GEOFFREY B RHOADS ; DAVIS BRUCE ; CARR J ; ANDREWS HOYET HIII ; ANDREWS ; ANDREWS HOYET

Agent(s): DIGIMARC CORP

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 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 MG MK ML MN MR MW MX 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 SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: **DISTRIBUTING** IMAGES TO MULTIPLE RECIPIENTS

Abstract: Source: US2002065741A A computer-implemented method of **distributing** cards to a plurality of recipients, the method including receiving a card order specifying a plurality of recipients and, for each specified recipient, a set of one or more uploaded images associated with that recipient; for each of the plurality of recipients specified in the received card order, printing at least one card having at least one uploaded image from the recipient's image set; and **distributing** the printed cards having the recipients' uploaded images to their respective associated recipients.

Classifications:

International (IPC 8-9): G03D15/00 G06F13/00 G06F15/00 G06F15/16 G06F17/30 G06F3/00 G06F3/048 G06F3/12 G06K1/00 G06K15/02 G06K9/00 G06K9/03 G06K9/68 G06Q30/00 G06T3/40 H04N1/00 H04N1/21 H04N1/60 (Advanced/Invention); G03D15/00 G06F13/00 G06F15/00 G06F15/16 G06F17/30 G06F3/048 G06K1/00 G06K9/00 G06K9/03 G06Q30/00 H04N1/00 H04N1/21 H04N1/60 (Core/Invention)

International (IPC 1-7): G03B17/48 G03B27/32 G03B27/42 G03B27/52 G03C11/00 G03D15/00 G06F12/00 G06F12/08 G06F15/00 G06F15/16 G06F17/30 G06F17/60 G06F3/00 G06F3/06 G06K1/00 G06K15/02 G06K9/00 G06K9/68 G06T3/40 G09G5/00 H04N1/04 H04N1/32 H04N1/60

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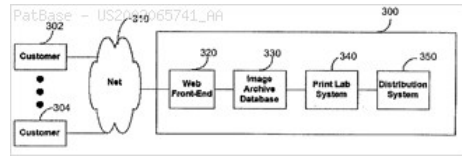
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Probable Assignee: SHUTTERFLY INC

Assignee(s): (std): LOH DANNY D ; SHUTTERFLY INC ; REDD JARRET L ; VORIS JOHN ; RUSH ALLEN ; WARD GREG ; MANOLIS EVA ; TEO PATRICK ; QUEK HWEI MIEN ; MANN RODERICK ; QUEK SU M ; TOWNSEND JOHN T JR ; TEO PATRICK C ; VORIS JOHN H ; WEN XIN ; QUEK SU MIEN ; BANSNER KAI ; BAUM DANIEL R ; CHAWLA SUMIT ; CHUI JIMMY PING FAI ; ELARDE PETER C ; ELARDE PETER CHARLES ; GARFINKLE CHASE

Assignee(s): JPMORGAN CHASE BANK NA ; JPMORGAN CHASE BANK NA ADMINISTRATIVE AGENT AS ; SHUTTERFLY CORP ; SHUTTERFLY A CORP ; SHUTTERFLY A OF DELAWARE CORP

Inventor(s): (std): BAUM DANIEL R ; BAURN DANIEL ; BAURN DANIEL R ; CHAWLA SUMIT ; CHUI JIMMY PING FAI ; CHUI JIMMY PING FAI ;



BANSNER KAI ; ELARDE PETER CHARLES ; GARFINKLE CHASE ; LOH DANNY D ; MANN RODERICK ; MANOLIS EVA ; QUEK HWEI MIEN ; QUEK SU M ; QUEK SU MIEN ; REDD JARRET L ; RUSH ALLEN ; TEO PATRICK ; TEO PATRICK C ; VORIS JOHN ; WARD GREG ; WEN XIN ; VORIS JOHN H ; TOWNSEND JOHN T JR ; REDD JARRETT L ; ELARDE PETER C

Inventor(s): ALLEN RUSH ; JIMMY PING FAI CHUI ; DANNY D LOH ; DANIEL R BAUM ; JOHN VORIS ; GREG WARD ; TOWNSEND JOHN TJR ; SUMIT CHAWLA ; TOWNSEND JOHN T ; QUEK SU ; JARRET L REDD ; BAUM DANIEL ; ELARDE PETER

Agent(s): XIN WEN; TRAN AND ASSOCIATES; WEN XIN; XIN; BAO

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: INTELLIGENT AGENT SYSTEM AND METHOD FOR EVALUATING DATA INTEGRITY IN PROCESS INFORMATION DATABASES

Abstract: Source: US2003149373A A data integrity module and method for evaluating data in a process information database. A neural network generates statistical patterns for specifying patterns for the data being evaluated. A fuzzy expert rules base specifies rules for evaluating the data. A **processor**, responsive to the rules base and the statistical patterns, identifies suspect data in the process information database by evaluating the data according to the rules base and the statistical patterns. A modification system modifies the suspect data in the process information database.

Classifications:

International (IPC 8-9): B23B11/00 B23K11/00 B23Q35/12 G05B13/02 G06F17/00 G06F17/18 G06F17/50 G06F19/00 G06F3/00 G06F7/00 G06F9/00 G06K7/10 G06N5/04 G06Q10/00 G06Q10/06 G06Q10/10 G06Q50/00 (Advanced/Invention); G06Q10/00 G06Q50/00 (Advanced/Non-invention); B23Q35/00 G05B13/02 G06F17/00 G06F3/00 G06F9/00 G06N5/00 G06Q10/00 (Core/Invention)

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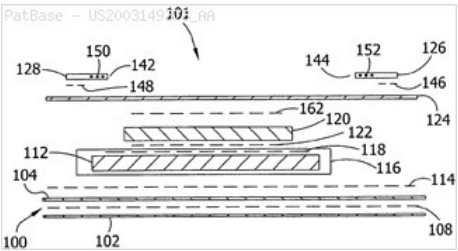
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WO2002US41717 20021227	US20060363476 20060227	US20050261125 20051028
WO2002US41718 20021227		

Probable Assignee: BINFORMA GROUP LIABILITY CO LTD

Assignee(s): (std): ADOBE SYSTEMS INC ; BARBER DOUGLAS GORDON BARRON ; BINFORMA GROUP LTD LIABILITY CO ; KIMBERLY CLARK CO ; SHAFFER GREGORY DUNCAN ; YOSTEN ROGER DALE ; MORK JAMIE SCOTT ; PARK SCOTT JEFFREY ; LINDSAY JEFFREY DEAN ; POKORNY MICHAEL ROY ; MEISSNER JOLENE MARIE ; READE WALTER CASWELL ; NYGAARD KURT SIGURD ; MARKHAM CHARLES EARL ; REYNOLDERS JOHN L ; KIMBERLY CLARK WORLDWIDE INC ; BOYD AMY HANCOCK ; GOGGANS GARY LEE ; HISE JOHN HARLAND ; IHDE SHERYL ANNETTE ; KIMBERLY CLARKE WORLDWIDE INC



Assignee(s): BIOTA HOLDINGS LTD ; KIMBERLY CLARK WORLDWIDE INC ; KIMBERLY CLARK CORP ; KIMBERLY CLARK WORLDWIDE ; BINFORMA GROUP LIABILITY CO LTD ; BINFORMA GROUP LTD

Inventor(s): (std): BARBER DOUGLAS GORDON BARRON ; BARRON BARBER DOUGLAS GORDON ; BOYD AMY HANCOCK ; BUSH PERRY ; BUSH PERRY A ; CHARLES EARL MARKHAM ; DOUGLAS GORDON BARRON BARBER ; FLYNN MATTHEW TIFFANY ; FULLER PAUL D ; GARY LEE GOGGANS ; GOGGANS GARY LEE ; GREGORY DUNCAN SHAFFER ; HISE JOHN H ; HISE JOHN HARLAND ; HOO WINNIE SHI MEI S ; HOO WINNIE SHI MEI SHU ; HOO WINNIE SHI MEI SHUN ; IHDE SHERYL A ; IHDE SHERYL ANNETTE ; IHDE SHERYL ANNETTE AND ; JAMIE SCOTT MORK ; JEFFREY D LINDSAY ; JEFFREY DEAN LINDSAY ; JOHN HARLAND HISE ; JOHN L REYNDERS ; JOLENE MARIE MEISSNER ; JON RAY MATHEUS ; JOSE ANDRES STAMBUK ; KLAIPS MELISSA S ; KURT SIGURD NYGAARD ; MATHEUS JON RAY ; MEISSNER JOLENE MARIE ; MELISSA S KLAIPS ; MICHAEL ROY POKORNY ; MICHAEL T PRICE ; MORK JAMIE S ; MORK JAMIE SCOTT ; LINDSAY JEFFREY D ; LINDSAY JEFFREY DEAN ; MARKHAM CHARLES E ; MARKHAM CHARLES EARL ; NYGAARD KURT S ; NYGAARD KURT SIGURD ; PARK SCOTT JEFFREY ; PAUL D FULLER ; PRICE MICHAEL T ; READE WALTER C ; READE WALTER CASWELL ; READS WALTER CASWELL ; REYNDERS JOHN L ; ROGER DALE YOSTEN ; SCOTT JEFFREY PARK ; PERRY A BUSH ; POKORNY MICHAEL R ; POKORNY MICHAEL ROY ; SHAFFER GREGORY D ; SHAFFER GREGORY DUNCAN ; SHERYL ANNETTE IHDE ; SHUN HOO WINNIE SHI MEI ; STAMBUK JOSE A ; STAMBUK JOSE ANDRES ; TIFFANY FLYNN MATTHEW ; WALTER CASWELL READE ; WINNIE SHI MEI SHUN HOO ; AMY HANCOCK BOYD ; BARBER DOUGLAS G B ; YOSTEN ROGER D ; YOSTEN ROGER DALE ; MATHEUS JON R ; JAMES SCOTT MORK ; BOURDEV LUBOMIR D ; TIFFANY FLYNN M

Inventor(s): PERRY BUSH ; READE WALTER ; POKORNY MICHAEL ; MARKHAM CHARLES ; KLAIPS MELISSA ; FULLER PAUL ; BARBER DOUGLAS ; WINNIE SHI MEI SHU HOO ; BARBER DOUGLAS GB ; YOSTEN ROGER ; TIFFANY FLYNN ; PRICE MICHAEL ; SHAFFER GREGORY ; MATHEUS JON ; NYGAARD KURT ; LINDSAY JEFFREY ; IHDE SHERYL ; HISE JOHN

Agent(s): SENNIGER POWERS; SENNIGER POWERS (KCC); SENNIGER POWERS KCC; SENNIGER; FISH AND RICHARDSON PC; ARMSTRONG TEASDALE LLP; PERKINS COIE 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 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 UZ VC VN YU ZA ZM ZW

Title: THREE-LEGACY MODE PAYMENT CARD WITH PARAMETRIC AUTHENTICATION AND DATA INPUT ELEMENTS

Abstract: Source: US2004177045A A payment card comprises a plastic card and operates with three different legacy payment systems. A magnetic stripe with user account data allows card use in traditional point-of-sale magnetic card **readers**. A dual-input crypto-**processor** embedded in the card provides for contact/contactless smart card operation. A user input provides for user authentication by the crypto-**processor**. Internal to the plastic card, and behind the magnetic stripe, a magnetic array includes a number of fixed-position magnetic write heads that allow the user account data to be automatically modified by the crypto-**processor**.

Classifications:

International (IPC 8-9): B29C70/00 B32B37/00 G06F17/30 G06F17/60 G06F9/46 G06K19/06 G06K19/07 G06K19/073 G06K19/08 G06K5/00 G06K7/01 G06K7/08 G06Q20/00 G06Q40/00 G06Q99/00 G07F19/00 H04K1/00 H04L9/00 H04L9/10 H04L9/32 (Advanced/Invention); G06Q99/00 (Advanced/Non-invention); G06K19/06 G06K19/07 G06K19/073 G06K19/08 G06Q20/00 G06Q40/00 H04L9/00 (Core/Invention); G06F (Subclass/Invention)

International (IPC 1-7): G06F17/60 G06K19/06

CPC: G06K19/06187 G06K19/06196 G06K19/07 G06K19/0723 G06K19/12 G06Q20/343 G06Q20/354 G06Q20/3674 G07F7/082 G07F7/08 G06Q20/26 G06Q30/00 G06Q30/02 G07F7/1016 G06Q10/063112 G06Q20/40 G06Q20/367 G06Q20/3672 G06Q20/4093 G07F7/12 G07F7/122 G06K19/077 G06K19/083 G07F7/10 G06Q20/105 G06Q20/3415 G06Q20/4018 G07F7/1083 G06Q20/401 G06K19/06206 G06Q20/351 G06Q20/4037 G07F7/0833 G06K19/07354 G06K19/07769 G06K19/08 G06K19/145 G06Q20/3572 G07C9/00087 G07C2009/00095 H04L9/12 H04L2209/043 H04L2209/56 G06Q20/20 G06Q20/12 G06Q20/24 G06Q20/341 G06Q20/342 G06Q20/382 G06Q20/385 G06Q20/4016 G06Q20/403 G06Q20/40975 G06Q40/00 G07F7/025 G07F7/1008 H04L9/32

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US: 156/272.6 156/272.600S 235/375 235/379 235/380 235/380P 235/382 235/382.5 235/382S 235/449 235/449P 235/451 235/487 235/488 235/492 235/492P 235/492S 235/493 235/493P 235/493S 235/494 264/241 264/241P 340/5.31 340/5.310S 345/184 345/184S 360/2 705/35 705/35S 705/41 705/41P 705/44 705/44S 705/50 705/50P 705/51 705/64 705/64P 705/65 705/65P 705/66 705/66P 705/67 705/67P 705/67S 705/7.14 705/7.140P 705/75 705/75P 705/9 705/9P 707/3 707/999.003 707/999.003S 707/E17.014 707/E17.014S 707/E17.044 707/E17.044S

Family:

Publication number	Publication date	Application number	Application date
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Priority:

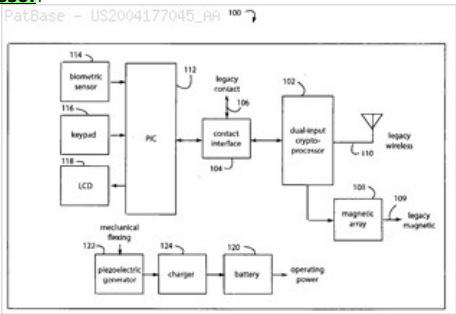
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Probable Assignee: COIN INC

Assignee(s): (std): BROWN KERRY D ; BROWN KERRY DENNIS ; CHATELAIN DANIEL ; LI WEIDONG ; MARSHALL CHARLES T ; PARISEAU DAVID ; QSECURE INC ; PARISEAU DAVID K ; WILLIAMS EDGAR M ; THOMPSON JOYCE ; TSAO PAUL

Assignee(s): QUEUECARD INC ; QSECURE ; QUECARD INC ; COIN INC

Inventor(s): (std): BROWN KERRY D ; BROWN KERRY DENNIS ; CHATELAIN DANIEL ; MARSHALL CHARLES T ; PARISEAU DAVID K ; WILLIAMS EDGAR M ; THOMPSON JOYCE ; PARISEAU DAVID KEVIN ; PARISEAU DAVID ; LI WEIDONG ; BROWN KERRY DENIS ; TSAO PAUL



Inventor(s): BROWN KERRY

Agent(s): RICHARD BREWSTER MAIN, PATENT ATTORNEY; RICHARD BREWSTER MAIN PATENT ATTORNEY; RICHARD B MAIN; CARR AND FERRELL LLP; PATENTS PENDING; RICHARD B MAIN ESQ PATENTS PENDING; RICHARD BREWSTER MAIN ESQ; RICHARD B; MAIN RICHARD B

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 KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA 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