

Search history

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1) Family number: 57599680 (US2014306799A)

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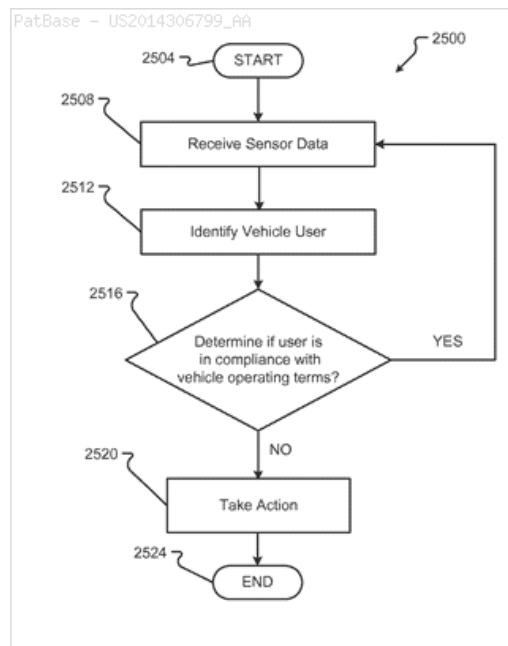
Title: VEHICLE INTRUDER ALERT DETECTION AND INDICATION

Abstract: Methods and systems for a detecting an intruder near or within a vehicle are disclosed. Specifically, a method to detect and identify a person near or within a vehicle as an authorized or an unauthorized user is provided. In the event an unauthorized user is detected within a vehicle, the system may take a number of actions. In one embodiment, the actions comprise providing notice to one or more authorized users of the vehicle, disabling the vehicle, notifying emergency personnel or police, and emitting a visual or **audio alarm**.

Classifications:

International (IPC 8-9): B60C1/00 B60K28/00 B60K35/00 B60N2/02 B60Q1/00 B60Q7/00 B60Q9/00 B60R16/037 B60R22/00 B60R25/00 B60R25/01 B60R25/10 B60R25/25 B60W10/00 B60W40/08 B60W40/09 B60W50/08 B60W50/10 B60W50/14 G01C21/00 G01C21/20 G01C21/26 G01C21/34 G01C21/36 G01C23/00 G01L13/00 G05B15/02 G05D1/00 G05D1/02 G05D23/19 G05D3/00 G06F13/36 G06F15/177 G06F17/00 G06F17/28 G06F17/30 G06F21/00 G06F21/31 G06F21/32 G06F3/01 G06F3/0481 G06F3/0482 G06F3/0484 G06F7/00 G06F9/445 G06K9/00 G06K9/62 G06Q10/00 G06Q10/02 G06Q10/10 G06Q20/14 G06Q30/00 G06Q30/02 G06Q30/06 G06Q50/30 G07C5/00 G07C5/02 G07C5/08 G07C9/00 G08B13/196 G08B21/02 G08B23/00 G08B25/01 G08B29/18 G08G1/00 G08G1/01 G08G1/0965 G08G1/0968 G08G1/16 G10L13/00 H04L29/06 H04L29/08 H04N21/214 H04N21/218 H04N21/2225 H04N21/226 H04N21/239 H04N21/258 H04N21/414 H04N21/436 H04N21/4363 H04N21/454 H04N21/475 H04N21/6408 H04N21/643 H04N7/16 H04N7/18 H04W36/00 H04W36/32 H04W36/34 H04W4/00 H04W4/04 H04W4/12 H04W4/20 H04W4/22 H04W48/02 H04W48/04 H04W68/12 H04W76/02 H04W8/08 H04W84/00 H04W84/18 (Advanced/Invention); B60Q1/52 B60W40/08 B60W50/00 G01C21/26 G01C22/00 G06F19/00 G06F3/01 G06F3/0488 G06G7/70 G08B1/08 G08B21/06 G08B25/01 G08B29/18 G08G1/00 G08G1/09 G08G1/0967 H04N7/18 H04W12/06 H04W12/08 H04W4/20 H04W84/00 (Advanced/Non-invention)

CPC: H04L67/10 H04W4/12 H04W12/06 B60Q1/52 G06Q30/00 H04W36/0005 H04W36/34 H04W48/04 B60R25/1004 G01C21/00 G01C21/36 G01C21/3647 G05D1/0212 G05D23/1917 G06F3/016 G06F3/0481 G06F3/04842 G06F8/65 G06F17/28 G06F21/31 G06F21/32 G06Q20/145 G07C5/00 G07C5/008 G07C5/085 G07C9/00126 G08B13/19647 G08B21/0205 G08G1/0965 G08G1/166 H04L63/08 H04L67/12 H04N21/214 H04N21/2181 H04N21/25841 H04N21/4542 H04N21/4751 H04W36/32 H04W48/02 B60Q1/00 G06F3/0488 H04W84/005 G06Q10/00 B60W2040/0809 B60W2540/00 B60W2540/12 B60W2540/30 G01C21/3691 G07C5/02 H04L67/26 B60W50/10 B60R16/037 B60R16/0373 B60R25/00 B60W40/09 B60W50/08 B60W2540/18 G01C21/26 G06F21/00 G06K9/00255 G06K9/00268 G06Q10/02 G06Q10/20 G06Q30/012 G06Q30/0633 G06Q30/0639 G06Q30/0645 G06Q50/30 G08B25/016 H04N7/181 H04N21/41422 H04W4/046 B60K28/00 B60Q9/008 B60W50/14 B60W2050/0077 B60W2540/20 G06F3/04883 B60W2540/28 G01C21/3484 G01C21/34 G06R25/01 B60K35/00 G06F3/0482 G08G1/01 G07C5/0808 B60R11/04 G06F3/0622 G06F3/0637 G06F3/0673 G06K9/00288 G06K9/00838 G08B21/02 G06Q10/1093 H04L67/306 A61B5/0077 A61B5/4809 A61B5/6808 A61B5/7405 A61B5/742 A61B7/04 A61B2503/04 B60W2040/0881 G08G1/096725 B60R25/20 B60R25/2081 B60R25/257 G01C21/206 G01C21/3641 G01S19/42 G05D1/0016 G06F2203/04803 G06K9/00335 G08G1/07 G08B21/06 G08B29/188 G08G1/096741 G08G1/096775 H04W12/08 H04N21/2265 H04N21/2393 H04N21/25816 H04N21/43615 H04N21/43637 H04N21/454 H04N21/6408 H04N21/64322 G06Q30/0265 G05D1/0027 B60R25/102 B60R25/25 G01C21/3629 G01C21/365 G01C21/3667 G01C21/3697 G06F3/04886 G09G5/37 G09G2354/00 G09G2380/10 H04L51/02 H04L67/34 H04W4/021 G01C21/28 G01C21/3446 G01C21/3476 G01C21/3617 G06Q30/0266 H04L63/0428 H04L63/102 G06F3/013 B60C1/00 H04W84/18 G05D1/0022 G08G1/207 B60W50/085 B60W2050/146 G06Q30/0641 G07C5/006 G08B21/18 G01C21/3415 G05D1/021 G05D1/0276 G08G1/0968 G08G1/096805 G08G1/096844 G08G1/164 H04N21/2225 G02B27/0093 G06K9/00221 H04W4/04 H04W4/90 G01C21/362 H04W4/21 H04W4/60 H04W4/70 H04W4/80 H04W76/11 H04W76/19 G06F9/451 G06F3/167 H04L63/0236 B60H1/00742 B60N2/0244 H04W4/40 G06F3/017 G08G1/096811 B60Q9/00 G06K9/00355 G06K9/00832 G06K2009/00939 H05K999/00 G07C9/00158 B60W40/08 G06F16/25 G06F16/583 G06F16/951 G06F16/183 G06F16/24575 G06F16/252 H04W12/00508 H05K999/99 B60K2370/11 B60K2370/146 B60K2370/15 B60K2370/193 B60K2370/52 H04W4/30
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Family:

Publication number	Publication date	Application number	Application date
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WO2014US34125 20140415 WO2014US34114 20140415 US20140076330P 20141106

US20140543535 20141117

Probable Assignee: AUTOCONNECT HOLDINGS LLC

Assignee(s): (std): AUTOCONNECT HOLDINGS LLC ; FLEXTRONICS AP LLC ; RICCI CHRISTOPHER P

Inventor(s): (std): RICCI CHRISTOPHER P ; LINDON BRENT R ; WILSON TADD F ; CHINCISAN OCTAVIAN ; YUSUPOV ALISHER I ; YUSUPOV ALISHER ; FONG GARY ; LENNOX GENTLE THAINE

Agent(s): RUPPRECHT KAY; SHERIDAN ROSS PC; MARSH FISCHMANN AND BREYFOGLE LLP; ROBERT G; LENNOX GENTLE THAINE; BUCKLEY RAQUEL F; REINHARDT DEAN N; VICK JASON H; ZELENKA RICHARD E; BUCKLEY TIMOTHY E; WILSON TADD F; SWARTZ DOUGLAS W

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

2) Family number: 48264780 (US2011035406A)

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Title: USER INTERFACE FOR PRESENTING SEARCH RESULTS FOR MULTIPLE REGIONS OF A VISUAL QUERY

Abstract: A visual query such as a photograph, screen shot, scanned image, or video frame is submitted to a visual query search system from a **client** system. The search system processes the visual query by sending it to a plurality of parallel search systems, each implementing a distinct visual query search process. A plurality of results is received from the parallel search systems. Utilizing the search results, an interactive results document is created and sent to the **client** system. The interactive results document has at least one visual identifier for a sub-portion of the visual query with a selectable link to at least one search result for that sub-portion. The visual identifier may be a bounding box around the respective sub-portion, or a semi-transparent label over the respective sub-portion. Optionally, the bounding box or label is color coded by type of result.

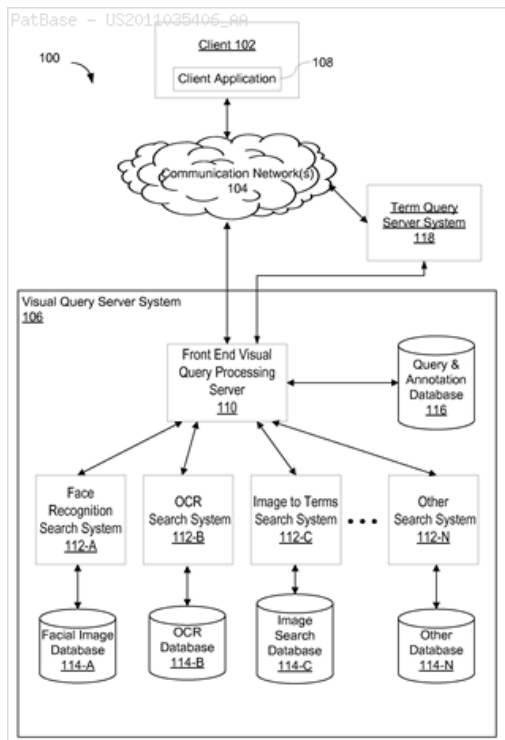
Classifications:

International (IPC 8-9): G06F16/00 G06F16/50 G06F16/53 G06F16/538 G06F16/583 G06F17/30 G06F3/048 G06F3/14 G06F7/00 G06F9/38 G06K9/00 G06K9/03 G06K9/18 G06K9/46 G06K9/62 G06K9/72 G06Q50/00 G06T1/00 G06T3/40 G06T7/00 H04L29/08 H04W4/02 H04W64/00 (Advanced/Invention); G06F17/00 H04W64/00 (Advanced/Non-invention)

CPC: G06K9/00456 G06K9/00483 G06K9/036 G06K2209/01 G06K9/2081 G06K9/00288 G06K9/00677 H04W4/02 H04W64/00 G06F16/583 G06F16/242 G06F16/24575 G06F16/29 G06F16/5846 G06F16/951 G06F16/9535 G06K9/72 G06F16/9537 G06F16/434 G06F16/50 G06F16/93 G06K9/00664 G06F16/5866 G06F16/95 G06F16/5838 G06F3/048 G06F3/14 G06F16/438 G06F16/532 G06F16/24578 G06F16/248

European: G06F17/30E G06F17/30E2P G06F17/30E4 G06F17/30L G06F17/30M G06F17/30M1 G06F17/30M1E G06F17/30M1H G06F17/30M8 G06F17/30S4F G06F17/30S4P7C G06F17/30W G06F17/30W1 G06F17/30W1S G06K9/00F3 G06K9/00L6 G06K9/00V2C G06K9/03Q G06K9/72 H04W4/02 T04W64/00

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Family:

Publication number	Publication date	Application number	Application date
AU2010279248 AA	20110210	AU20100279248	20100806
AU2010279248 BB	20130725	AU20100279248	20100806
AU2010279333 AA	20120315	AU20100279333	20100805
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Priority:

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US20180030316	20180709	US20180131004	20180913		

Probable Assignee: GOOGLE INC

Assignee(s): (std): ADAM HARTWIG ; CASEY MATTHEW R ; COHEN ZAK ; FLAMHOLZ AVI ; PETROU DAVID ; GOOGLE INC ; FLYNN JOHN ; NEVEN HARTMUT ; LEE DAR SHYANG ; GOOGLE LLC ; RABINOVICH ANDREW ; POWER THEODORE ; POPAT ASHOK C ; TING PIN

Assignee(s): REPRESENTED BY SECRETARY OF NAVY AS US GOV ; GOOGLE LLC MOUNTAIN VIEW ; GOOGLE INC MOUNTAIN VIEW

Inventor(s): (std): ADAM HARTWIG ; CASEY MATTHEW R ; FLAMHOLZ AVI ; PETROU DAVID ; POPAT ASHOK C ; RABINOVICH ANDREW ; TING PIN ; NEVEN HARTMUT ; LEE DAR SHYANG ; HARTWIG ADAM ; FLYNN JOHN ; DAVID PETROU ; COHEN ZAK ; ANDREW RABINOVICH ; THEODORE POWER ; POWER THEODORE ; JOHN FLYNN ; HARTMUT NEVEN

Agent(s): PHILLIPS ORMONDE FITZPATRICK; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD; PIZZEYS; FASKEN MARTINEAU DUMOULIN LLP; SMART AND BIGGAR; PROCK THOMAS DIPL ING; MARKS AND CLERK LUXEMBOURG LLP; HACKNEY NIGEL JOHN; SCHLEY JAN MALTE; ROBINSON DAVID EDWARD ASHDOWN; INABA YOSHIYUKI; MORGAN LEWIS AND BOCKIUS LLP GOOGLE; FISH AND RICHARDSON PC; WILLIAMS GARY S ET AL; BREGMAN DION M 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

Abstract: A computer implemented method, apparatus, and computer usable program product for generating a **customer** risk assessment score. In one embodiment, the process parses dynamic data associated with a **customer** to identify patterns of events. The dynamic data comprises metadata describing an appearance and behavior of the **customer**. The patterns of events are analyzed to identify risk assessment factors for the **customer**. A risk assessment analysis is dynamically performed using the risk assessment factors for the **customer** to generate a risk assessment score for the **customer** while the **customer** is **shopping** in a retail facility. The risk assessment score indicates a potential risk posed by the **customer** to the retail facility.

Classifications:

International (IPC 8-9): G06F17/30 G06F19/00 G06Q10/00

G06Q10/06 G06Q30/00 G06Q30/02 G06Q30/06

G07G1/00 (Advanced/Invention);

G06Q90/00 (Advanced/Non-invention);

G06F17/30 G06F19/00 G06Q10/00 G06Q30/00

G07G1/00 (Core/Invention);

G06Q90/00 (Core/Non-invention)

CPC: G06Q30/0252 G06Q30/0239 G06Q30/0277 G06Q30/0244

G06Q30/0207 G06Q30/0269 G06Q30/0222 G06Q30/0253

G06Q30/0234 G06Q30/00 G06Q30/0225 G06Q30/0226 G06Q30/0236

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G06Q30/0271

European: G06Q10/06375 G06Q30/00 G06Q30/02 G06Q30/0201

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G06Q30/0244 G06Q30/0252 G06Q30/0253 G06Q30/0254

G06Q30/0255 G06Q30/0264 G06Q30/0267 G06Q30/0269

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US: 1/1 705/1 705/1.1 705/1.100P 705/1.100S 705/10 705/10P

705/14 705/14.1 705/14.100P 705/14.23 705/14.230P 705/14.25

705/14.26 705/14.260P 705/14.27 705/14.270P 705/14.270S

705/14.34 705/14.340P 705/14.36 705/14.360S 705/14.39

705/14.390P 705/14.43 705/14.430P 705/14.5 705/14.500P

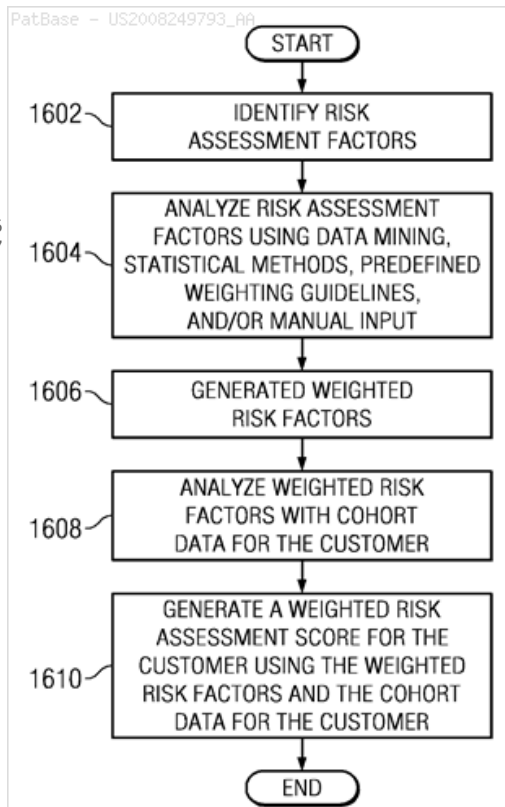
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705/14.67 705/14.670P 705/14.670S 705/14.73 705/14.730S

705/7.29 705/7.290S 705/7.33 705/7.330P 705/7.37 705/7.370S



Family:

Publication number	Publication date	Application number	Application date
US2008249793 AA	20081009	US20070862306	20070927
US2008249835 AA	20081009	US20070744024	20070503
US2008249836 AA	20081009	US20070769409	20070627
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Probable Assignee: IBM

Assignee(s): (std): ANGELL ROBERT LEE ; IBM ; KRAEMER JAMES R

Assignee(s): INT BUSINESS MACHINES CORP ; INTERNATIONAL BUSINESS MACHINES CORP ; GLOBALFOUNDRIES INC ; GLOBALFOUNDRIES US 2 LLC

Inventor(s): (std): ANGELL ROBERT LEE ; KRAEMER JAMES R

4) Family number: 32844244 (US2006085477A)

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Title: TECHNIQUES FOR RETRIEVING DOCUMENTS USING AN IMAGE CAPTURE DEVICE

Abstract: Embodiments of the present invention provide techniques for retrieving electronic documents based upon images captured using an image capture device. One or more images captured by a user using an image capture device are used to search a set of documents to retrieve one or more documents that match the search query. The one or more documents retrieved by the search may then be provided to the user or some other recipient.

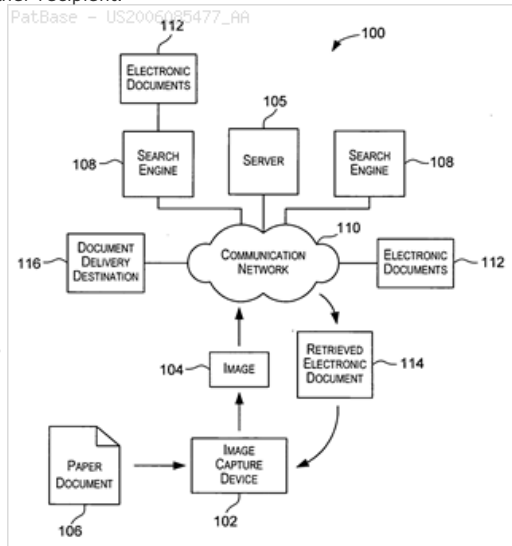
Classifications:

International (IPC 8-9): G01B11/00 G01B11/26 G06F12/00 G06F13/00 G06F15/00 G06F15/16 G06F17/00 G06F17/21 G06F17/30 G06F19/00 G06F21/00 G06F21/10 G06F21/24 G06F21/78 G06F21/80 G06F3/00 G06F3/048 G06F3/12 G06F3/14 G06F7/00 G06F7/06 G06K15/00 G06K15/02 G06K17/00 G06K9/00 G06K9/03 G06K9/20 G06K9/22 G06K9/32 G06K9/34 G06K9/36 G06K9/38 G06K9/40 G06K9/46 G06K9/48 G06K9/54 G06K9/60 G06K9/62 G06K9/64 G06K9/66 G06K9/72 G06N5/02 G06Q10/00 G06Q30/00 G06Q50/00 G06T1/00 G06T19/00 G06T3/00 G06T3/20 G06T7/40 G07F7/08 G07F7/10 G07F7/12 G09G5/00 G10L15/00 H04B7/26 H04L9/32 H04M11/00 H04N1/00 H04N1/04 H04N1/21 H04N1/32 H04N1/387 H04N1/40 H04N5/225 H04N7/00 H04W4/00 H04W4/12 H04W88/02 (Advanced/Invention); G06F17/00 G06K9/20 G06K9/32 G06K9/46 G06K9/54 G06K9/66 G06T1/00 H04N1/34 (Advanced/Non-invention); G01B11/00 G01B11/26 G06F12/00 G06F13/00 G06F15/00 G06F15/16 G06F17/00 G06F17/21 G06F17/30 G06F19/00 G06F21/00 G06F3/00 G06F3/048 G06F3/12 G06F3/14 G06F7/00 G06F7/06 G06K15/00 G06K15/02 G06K17/00 G06K9/00 G06K9/20 G06K9/34 G06K9/36 G06K9/40 G06K9/46 G06K9/48 G06K9/54 G06K9/60 G06K9/62 G06K9/64 G06K9/72 G06N5/00 G06Q10/00 G06Q50/00 G06T1/00 G06T3/00 G06T7/40 G10L15/00 H04B7/26 H04L9/32 H04N1/00 H04N1/04 H04N1/387 H04N1/40 H04N5/225 (Core/Invention)

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Probable Assignee: RICOH CO LTD

Assignee(s): (std): ANTUNEZ EMILIO ; ANTUNEZ EMILIO R ; EROL BERNA ; FURUKAWA TAKAHIRO ; GRAHAM JAMEY ; HART PETER E ; LEE DAR SHYANG ; PIERSON KURT ; HULL JONATHAN J ; NUDD GEOFFREY H ; PIERSON KURT W ; LOOKINGBILL ANDREW ; KE QIFA ; MORALEDA JORGE ; HUET LANDRY ; KISHI HIDENOBU ; PHILLIPS DAJA ; WEYL STEPHEN ; VAN OLST DANIEL G ; WEYL STEPHEN A ; RIDOUT KEVIN ; VAN OLST DANIEL ; TAKAHASHI SADA O ; SAKIKAWA ICHIRO ; RICOH KK ; RICOH CO LTD ; WOLFF GREGORY ; UDA SHIGEHARU

Assignee(s): RICOH COMPAY LTD ; RICOH COMPANY LTD ; RICOH CO

Inventor(s): (std): BERNA EROL ; EROL BERNA ; GRAHAM JAMEY ; HART PETER E ; HULL JONATHAN J ; JAMEY GRAHAM ; KEVIN RIDOUT ; KURT PIERSON ; LEE DAR SHYANG ; LU XIAOYE ; OLST DANIEL G VAN ; PHILLIPS DAJA ; PIERSON KURT ; PIERSON KURT W ; PIERSON KURT WESLEY ; RIDOUT KEVIN ; SAKIKAWA ICHIRO ; SHYANG LEE DAR ; STEPHEN WEYL ; VAN OLST DANIEL ; VAN OLST DANIEL G ; WEYL STEPHEN ; WEYL STEPHEN A ; WOLFF GREGORY J ; XIAOYE LU ; WOLFF GREGORY ; UDA SHIGEHARU ; TAKAHASHI SADA O ; QIFA KE ; MORALEDA JORGE ; KURT PIASORU ; KISHI HIDENOBU ; KE QIFA ; HUET LANDRY ; GREGG WOLF ; FURUKAWA TAKAHIRO ; ANTUNEZ EMILIO R ; LOOKINGBILL ANDREW ; HULL JONATHAN JR ; ANTUNEZ EMILIO ; NUDD GEOFFREY H

Inventor(s): OLST DANIEL G ; MORALEDA JORGE C O RICOH INNOVATIONS INC ; NUDD GEOFFREY ; KISHI HIDENOBU C O RICOH INNOVATIONS INC ; KE QIFA C O RICOH INNOVATIONS INC ; HULL JONATHAN J C O RICOH INNOVATIONS INC ; HULL JONATHAN ; HART PETER ; EROL BERNA C O RICOH INNOVATIONS INC

Agent(s): SCHWABE - SANDMAIR - MARX; SSM SANDMAIR; SCHWABE SANDMAIR MARX; MOUNTENEY SIMON JAMES; SCHWABE SANDMAIR MARX; SOMMER ANDREA; MUSCHKE MARKUS ARTUR HEINZ; TOWNSEND AND TOWNSEND AND CREW LLP; FENWICK AND WEST LLP; GREG T SUEOKA FENWICK AND WEST LLP; EDWARD B WELLER FENWICK AND WEST LLP; JENNIFER R BUSH FENWICK AND WEST LLP; RICOH/FENWICK; RICOH FENWICK; PATENT LAW WORKS 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 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 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 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

5) Family number: 49909330 (US2011274310A)

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Title: HIDDEN IMAGE SIGNALLING

Abstract: An image is encoded to define one or more spatial regions that can be sensed by a suitably-equipped mobile device (e.g., a smart phone), but are imperceptible to humans. When such a mobile device senses one of these regions, it takes an action in response (e.g., rendering an associated tone, playing linked video, etc.). The regions may overlap in layered fashion. One form of encoding employs modification of the color content of the image at higher spatial frequencies, where human vision is not acute. In a particular embodiment, the encoding comprises altering a transform domain representation of the image by adding signal energy in a first chrominance channel, where the added signal energy falls primarily within a segmented arc region in a transform domain space.

Classifications:

International (IPC 8-9): G06F13/00 G06F15/16 G06F17/00
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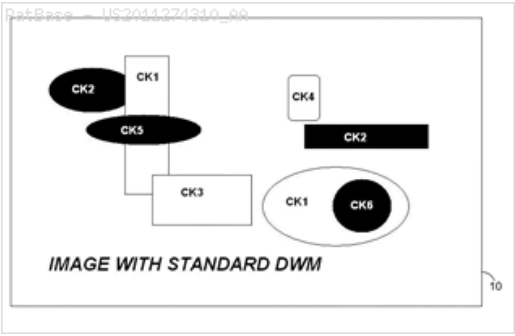
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H04W4/80 (Advanced/Non-invention)

CPC: H04N1/3216 H04N2201/3249 H04N2201/3264 H04N5/232
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US: 1/1 235/380 315/152 315/297 345/156 345/632 345/633 348/100 348/150 348/207.11 348/231.4 348/231.5 382/100
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Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: DIGIMARC CORP

Assignee(s): (std): ALATTAR ADNAN M ; ALLER JOHSUA V ; ALLER JOSHUA V ; BRADLEY BRETT A ; DIGIMARC CORPORATION ; DAVIS BRUCE L ; DIGIMARC CORP ; CONWELL WILLIAM Y ; BRANDIS ROBERT CRAIG ; CORNABY COLIN P ; RHOADS GEOFFREY B ; RODRIGUEZ TONY F ; ROGERS ELIOT ; REED ALASTAIR

M ; OWEN JERRINE K ; RODRIQUEZ TONY F ; RHOADS GEOFFREY G ; SINCLAIR EOIN C ; KNUDSON EDWARD B

Assignee(s): DIGIMARC BEAVERTON CORP

Inventor(s): (std): RHOADS GEOFFREY B ; DAVIS BRUCE L ; RODRIGUEZ TONY F ; ROGERS ELIOT ; REED ALASTAIR M ; BRADLEY BRETT A ; ALATTAR ADNAN M ; OWEN JERRINE K ; ALLER JOSHUA V ; CONWELL WILLIAM Y ; RODRIQUEZ TONY F ; BRANDIS ROBERT CRAIG ; RHOADS GEOFFREY G ; ALLER JOHNSUA V ; ALASTAIR M REED ; ELIOT ROGERS ; BRUCE L DAVIS ; BRETT A BRADLEY ; WILLIAM Y CONWELL ; TONY F RODRIGUEZ ; ADNAN M ALATTAR ; JOSHUA V ALLER ; JERRINE K OWEN ; ROBERT CRAIG BRANDIS ; GEFREY B RHOADS ; CUSHMAN DAVID A ; BRUNK HUGH L ; SHARMA RAVI K ; MACINTOSH BRIAN T ; FILLER TOMAS ; WEAVER MATTHEW M ; SHAW GILBERT B ; CORNABY COLIN P ; SINCLAIR EOIN C ; KNUDSON EDWARD B

Agent(s): OYEN WIGGS GREEN AND MUTALA LLP; BOEHMERT AND BOEHMERT ANWALTSPARTNERSCHAFT MBB PATENTANWALTE RECHTSANWALTE; 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 TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

6) Family number: 29478712 (US2007191070A)

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Title: RECONFIGURABLE MOBILE DEVICE INTERFACES SUPPORTING AUTHENTICATED HIGH-QUALITY VIDEO, **AUDIO**, TV AND MULTIMEDIA SERVICES

Abstract: A method and apparatus for reconfiguring the **audio** and video interfaces of mobile devices is described. A system for configuring various surfaces of a mobile device for performing additional functions such as utilizing the front and reverse side of a mobile device with reconfigurable larger displays for enhancing the visual experience for various applications such as in video, TV and medical imaging is described. A system for command and control of a media center with a mobile device is disclosed. A method for multi-channel processing of **audio** and video information over mobile devices is described. A method for biometrically authorizing and delivering of copy right content to mobile devices is disclosed.

Classifications:

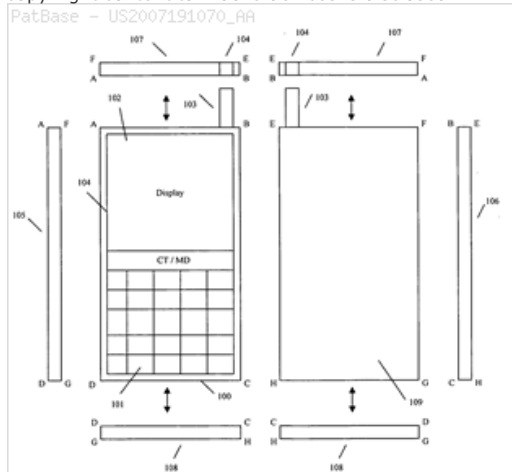
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International (IPC 1-7): H04B1/38 H04M11/00

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Family:

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Probable Assignee: SMART MOBILE INC

Assignee(s): (std): RAO SANJAY K ; RAO SUNIL K ; RAO RAMAN K ; RAO REKHA K ; RAO SUNIL KALIPUTNAM ; RAO SANJAY KALIPUTNAM ; RAO REKHA ; RAO RAMAN KALIPUTNAM ; IP HOLDINGS INC ; IP HOLDINGS INC ; RAO LEGAL REPRESENTATIVE REKHA K ; RAO REKHA K

Assignee(s): AIRSPACE REALITY ; RAO RAJNI ; SMART MOBILE INC

Inventor(s): (std): RAO RAMAN K ; RAO REKHA K ; RAO SANJAY K ; RAO SUNIL K ; RAO SUNIL KALIPUTNAM ; RAO SUNIL KALIPUTNAM ; RAO REKHA KALIPUTNAM ; RAO REKHA KALIPUTNAM ; RAO REKHA ; RAO RAMAN KALIPUTNAM ; RAO RAMAN ; RAO RAJNI ; RAO LEGAL REPRESENTATIVE REKHA K

Agent(s): COURTNEY STANIFORD AND GREGORY LLP; CARR AND FERRELL LLP; STEPHEN E; LEVINE BAGADE HAN LLP; LEVINE BAGADA HAN LLP; FITZPATRICK CELLA HARPER AND SCINTO; FINNEGAN HENDERSON FARABOW GARRETT AND DUNNER LLP; GREGORY RICHARD L 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 LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW

7) Family number: 44905751 (US2012006891A)

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Title: FACILITATING MOBILE DEVICE PAYMENTS USING PRODUCT CODE SCANNING

Abstract: Provided are computer implemented methods and systems for facilitating mobile device payments using barcodes displayed on mobile devices and scanned by merchants at checkout counters. When a **customer** is ready to tender a payment to a merchant, instead of using a credit card, **cash**, or check, the **customer** activates an application on his mobile device. The mobile device includes or obtains information about the payment system of this merchant. Furthermore, the mobile device includes or obtains information about the **customer**/mobile device user and then uses these two pieces of information to generate and display a barcode that encodes **customer** payment information specific to this merchant. The barcode is scanned at the checkout counter and processed to retrieve **customer** records from a database of the payment processing system. These records are then used to transfer funds between the merchant and **customer**, obtain discounts, and/or perform other retail transactions.

Classifications:**International (IPC 8-9):** A61B10/00 A61B5/00 A61B5/02

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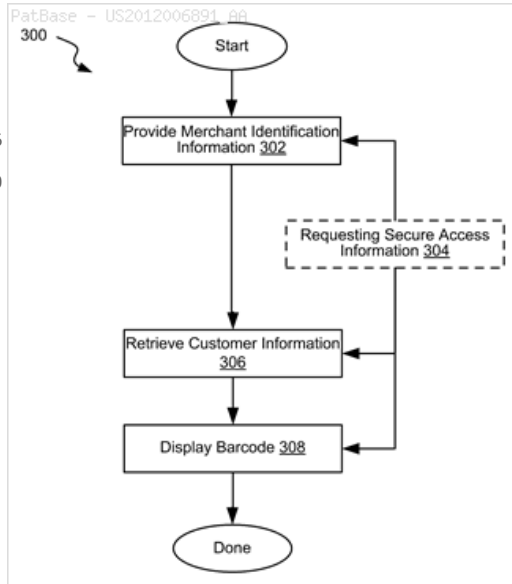
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Probable Assignee: AMOBILEPAY INC

Assignee(s): (std): WORLD AWARD ACAD WORLD AWARD FOUND AMOBILEPAY INC ; WORLD AWARD ACAD ; ZHOU ANDREW H B ; ZHOU DYLAN ; ZHOU ANDREW ; XING ZHOU TIAN ; AMOBILEPAY INC ; CHENG WESLEY ; DYLAN ZHOU ; GRONBERG MARTIN ; WORLD AWARD FOUND ; WORLD AWARD ACADEMY WORLD AWARD FOUND AMOBILEPAY INC ; XING ZHOU ; ZHOU ANDREW HAI BIN ; XI MARY ; ZHOU DYLAN T X ; ZHOU TIGER T G ; ZHOU TIGER ; ZHOU TIANXING ; ZHOU HAIBIN ; ZHOU TIANGE ; ZHOU DYLAN TX ; ZHOU TIGER TIAN GE ; ZHOU TIAN XING

Assignee(s): ZHOU TIGER TG ; ZHOU ANDREW HB ; VENTURE LENDING AND LEASING IV INC ; WORLD AWARD ACADEMY ; TRAN BAO ; WORLD AWARD ACADEMY WORLD AWARD FOUNDATION AMOBILEPAY INC ; WORLD AWARD FOUNDATION

Inventor(s): (std): ZHOU DYLAN ; ZHOU TIGER ; ZHOU ANDREW ; XI MARY ; ZHOU TIAN XING ; ZHOU ANDREW HAI BIN ; ZHOU TIGER TIAN GE ; XING ZHOU ; XI MARY M Z ; XING ZHOU TIAN ; ZHOU DYLAN TX ; GRONBERG MARTIN ; CHENG WESLEY ; DYLAN ZHOU ; ZHOU TIANGE ; ZHOU HAIBIN ; ZHOU TIANXING ; ZHOU ANDREW H B ; ZHOU TIGER T G ; ZHOU DYLAN T X

Inventor(s): ZHOU TIGER TG ; ZHOU ANDREW HB

Agent(s): TEALL CHARLOTTE; TRAN AND ASSOCIATES; PATENT JURIST; GEORGIY L; WWWNIELSENIPATENTSCOM; STEVEN A; GEORGLY L; NIELSEN STEVEN A; KHAYET GEORGIY L

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 DJ 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 JO JP KE KG KH KM KN KP KR KW 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

8) Family number: 52192840 (US2012271723A)

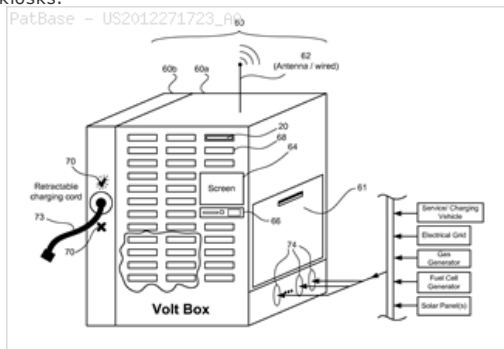
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Title: ELECTRIC VEHICLE (EV) RANGE EXTENDING CHARGE SYSTEMS, DISTRIBUTED NETWORKS OF CHARGE KIOSKS, AND CHARGE LOCATING MOBILE APPS

Abstract: Systems and method are provided for providing auxiliary charge to a main battery of an electric vehicle. One system includes an auxiliary battery for holding a plurality of charge units, the auxiliary battery being connectable to the main battery of the electric vehicle, the plurality of charge units being rechargeable and being replaceable from within the auxiliary battery, such that replacing particular ones of the plurality of charge units with charge units with more charge increases a total charge of the auxiliary battery. Kiosks for storing a plurality of charge units. A display in the kiosk for an interface for enabling transactions to provide or receive charge units to **customers**, and a central processing center that communicates with a plurality of said kiosk over a network and a plurality of vehicles, The plurality of vehicles are provided with access to availability information of charge units at each of said kiosks.

Classifications:

International (ipc 8-9): B60G1/00 B60H1/00 B60K1/00 B60K35/00 B60K6/20 B60L1/00 B60L11/18 B60L3/00 B60L50/60 B60L53/14 B60L53/30 B60L53/31 B60L53/65 B60L53/66 B60L53/68 B60L53/80 B60L58/12 B60N2/00 B60N2/02 B60R1/00 B60R16/037 B60R25/10 B60R25/102 B60R25/104 B60R25/20 B60R25/24 B60R25/30 B60R25/33 B60S5/06 B60W10/184 B60W10/20 B60W30/08 B60W30/09 B60W40/08 B60W50/00 B60W50/08 B60W50/10 B60W50/16 G01C21/34 G01C21/36 G01M17/007 G01S13/93 G01S17/93 G01S5/00 G05B15/00 G05B15/02 G05D1/00 G05D1/02 G06F17/00 G06F21/32 G06F21/44 G06F3/048 G06F3/0481 G06F3/0482 G06F3/0484 G06F3/0488 G06F3/14 G06F3/147 G06F3/16 G06F7/00 G06F9/44 G06F9/451 G06K9/00 G06N5/02 G06Q10/00 G06Q10/02 G06Q10/06 G06Q10/08 G06Q10/10 G06Q20/10 G06Q20/14 G06Q20/18 G06Q20/32 G06Q20/38 G06Q30/00 G06Q30/02 G06Q30/06 G06Q30/08 G06Q50/06 G06T1/20 G07C5/00 G07C5/02 G07C5/08 G07C9/00 G07F15/00



G08G1/0967 G08G1/14 G08G1/16 G09G5/14 G10L15/00 G10L15/02 G10L15/06 G10L15/16 G10L15/22 G10L15/25 G10L15/30 G10L17/04 G10L17/06 G10L17/26 G10L21/0208 G10L25/45 G10L25/57 G10L25/63 G10L25/84 G11B31/00 H01M10/42 H01M10/46 H01M2/10 H01M2/20 H02J3/32 H02J5/00 H02J7/00 H02J7/02 H02J7/14 H04B1/3822 H04B5/00 H04L12/24 H04L29/06 H04L29/08 H04L9/14 H04N5/232 H04N5/76 H04N7/18 H04W12/06 H04W4/00 H04W4/02 H04W4/04 H04W4/44 H04W4/48 H04W4/60 H04W68/00 (Advanced/Invention); B60L11/18 B60R16/037 B60W50/14 B62D15/02 G01C21/36 G06Q30/02 G06Q30/06 G07C5/00 G08G1/00 G10L15/22 G10L15/30 G10L21/0208 G10L25/63 H01M10/052 H01M10/0525 H01M10/42 H01M10/48 H04L29/08 H04N5/76 H04N7/18 H04W12/06 H04W4/00 H04W4/02 H04W4/20 H04W4/21 H04W4/80 H04W84/12 (Advanced/Non-invention) **CP**: B60W50/08 G06F21/32 B60N2/002 B60W2560/00 G07C5/006 G07C2205/02 B60K35/00 G05B15/00 H04N5/76 H04L67/141 H04L41/0816 G06F21/445 G07C9/00007 H04L9/14 G07F17/0021 G01C21/26 G06Q20/325 H04W68/00 H02J7/0047 H02J2007/005 H02J2007/0096 G01C21/3685 B60L3/12 B60L2240/549 B60L2240/662 B60L2240/667 B60L2240/68 B60L1/02 B60L2250/22 H04W4/023 H04W12/06 H04L67/1097 B60L1/14 B60L15/2045 B60L2240/665 B60L2260/46 B60L2260/52 B60L2260/54 B60L2240/421 B60L2240/423 B60R25/305 B60R25/102 G06Q30/0265 H04L63/083 B60W40/08 Y02T10/70 Y02T10/7077 G07C9/00571 H04L67/06 B60W2040/0809 G06Q20/145 G06Q30/0222 G06F17/00 H04L67/125 H04L67/306 B60L1/00 H04L67/10 H04L67/22 G10L2015/227 G06Q30/0238 G06Q30/0259 G06K9/00771 B60R25/241 G07C9/00309 G07C2009/00769 B60R25/2018 G08B7/06 G08B13/19647 G08B15/00 G08B25/016 G01C21/3453 G01C21/3667 Y02T10/645 Y02T10/72 Y02T10/7283 Y02T10/642 H04B1/3822 H02J7/0027 B60L1/003 B60L1/06 B60L2240/12 B60L2240/34 B60L2240/72 B60L2240/80 B60L2250/10 Y02E60/721 Y02T10/7061 Y04S10/126 Y04S50/10 Y04S50/12 H04N5/232 G06N5/025 G05B15/02 G07C2009/00412 G08G1/161 G10L17/04 G10L17/06 G10L15/005 G10L2015/223 G10L15/22 B60R16/0373 G10L15/30 G10L21/0208 G10L25/63 G06Q20/32 G06Q20/3829 G06Q20/102 G06Q2240/00 G08G1/144 G08G1/146 G08G1/147 H04N7/181 G06F3/0482 G06F3/167 H01M10/488 B60W50/16 G05D1/0088 G05D1/021 B60W10/184 B60W10/20 G07C5/02 B60W50/082 G08G1/162 G08G1/166 G08G1/165 B60W2050/143 B60W2550/10 B60W2550/308 B60W2550/402 B60W2550/408 B60W2600/00 G10L15/02 G10L25/84 G10L2015/228 G06F3/017 G06F3/013 G10L25/90 G07C5/0866 H02J7/0021 H04W4/021 G06Q30/0255 G01M17/007 G06Q10/06314 G06Q30/08 G08G1/163 B60W30/08 G01S5/0072 G01S13/931 G01S17/936 B60W2550/306 B60W2750/30 B62D15/0265 G01S2013/936 G01S2013/9321 G01S2013/9353 G06Q30/0226 H01M2/1005 H01M2/1077 H01M2/206 H01M10/425 H01M10/46 H01M2010/4278 H01M2220/20 G08G1/096725 G08G1/164 B60W2710/18 B60W2710/20 G06K9/00845 G10L15/25 G10L25/45 G10L15/063 G10L25/57 G06K9/00302 G08G1/205 G06F21/45 G06F2221/2117 G07C5/008 G07C5/085 H01M10/052 H01M10/0525 H01M10/48 G08G1/0112 G08G1/0116 G08G1/0129 G08G1/0133 G08G1/096716 G08G1/096741 G08G1/09675 G08G1/096775 G08G1/096783 G08G1/096791 G06Q30/0232 Y02T90/12 B60R25/30 H02J7/02 G06F3/04886 G06F3/04817 G06F3/0484 G06F3/04842 G06F3/0488 B60L2270/36 G06F3/048 B60R25/33 G08G1/143 G06K9/00791 B60R2325/205 B60R25/10 B60W30/09 H04W4/60 H04W4/80 G06F3/1454 G09G5/14 G09G2354/00 G09G2380/10 H04L67/303 B60R25/24 G06Q10/1095 G06Q30/0282 G06Q30/0283 G06Q30/0611 B60R1/00 B60S5/06 H04B5/0037 Y04S50/14 H04W4/44 H04W84/12 H04W4/21 G05D1/0022 G05D1/0278 G05D2201/0213 G08G1/168 B60R16/037 G07C5/0808 H04L67/12 H04L63/0861 H04W4/48 B60L2240/62 B60L2260/58 H04L67/18 B60W50/0098 B60W50/10 B60W2050/0089 G01C21/3641 Y02T10/7072 G06Q30/04 H04L67/04 H04W4/046 H04W4/40 H02J5/00 H02J7/0052 H02J50/10 H02J2007/0001 H02J2007/0098 G08G1/145 Y02T10/7055 B60L2250/18 G06F3/147 B60N2/0228 G06Q30/0639 G06Q10/087 B60L53/18 H02J7/0045 B60L53/30 B60L53/63 G08G1/20 B60L50/16 B60L50/52 B60L55/00 B60L58/21 B60L53/60 B60L53/12 B60L2230/40 B60L11/184 B60L11/185 B60L11/1859 B60L11/1868 B60L2230/12 H04W4/003 G06F3/04845 G06F3/04883 B60L53/11 B60L53/64 B60L58/13 B60L58/14 B60L58/20 G06Q30/0207 Y02T10/7066 G06Q30/00 B60L2250/12 B60L2250/16 B60L2250/20 B60L11/1877 G06Q10/10 B60L11/1824 B60L11/1848 B60L11/1842 G01C21/3484 B60L11/1822 G06Q20/127 G06F9/451 B62D15/029 G05D1/0011 B60L3/0015 B60L50/66 B60L53/14 B60L53/305 B60L53/31 B60L53/65 B60L53/665 B60L53/68 B60L53/80 B60L58/12 B60L2240/547 B60L2240/622 B60L2240/70 B60L2260/22 B60L2260/32 B60R2300/105 B60R2300/50 B60R2300/70 B60W30/06 G01C21/3407 G01C21/3469 G01C21/3679 G06Q10/02 G06Q10/20 G06Q20/18 G06Q30/0201 G06Q30/0643 G06Q30/0645 G06Q50/06 G07F15/005 H04W4/02 Y02D70/00 Y02T10/7005 Y02T10/7044 Y02T10/705 Y02T10/7088 Y02T10/7291 Y02T90/121 Y02T90/124 Y02T90/128 Y02T90/14 Y02T90/161 Y02T90/162 Y02T90/163 Y02T90/169 Y04S30/14 B60K2370/161 B60K2370/186 B60K2370/589 B60L11/1816 B60L11/1825 B60L11/1844 B60L11/1846 B60L11/1861 B60L2230/16 **US**: 1/1 320/104 320/109 340/5.61 345/1.1 348/148 701/1 701/2 701/22 701/23 701/36 701/430 701/49 704/232 705/13 705/14.1 705/14.35 705/14.38 705/16 705/26.1 705/26.9 705/305 706/47 709/203 709/217 709/226 709/228

Family:

Publication number	Publication date	Application number	Application date
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Priority:

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Probable Assignee: EMERGING AUTOMOTIVE LLC

Assignee(s): (std): EMERGING AUTOMATIVE LLC ; EMERGING AUTOMOTIVE LLC ; PENILLA ALBERT S ; PENILLA ANGEL A

Inventor(s): (std): PENILLA ALBERT S ; PENILLA ANGEL A

9) Family number: 28290889 (US2003231485A)

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Title: TUBULAR ELECTRO-LUMINESCENT PANEL(S) LIGHT DEVICE

Abstract: A tubular Electro-Luminescent panel(s) light device offer a desired bending directions with super brightness basing on certain width of panel incorporated proper inverter system. The said panel(s) with much narrow width than tube means to allow the panel(s) can be bend at any direction and angle within the tube means to offer a desired light effects. The said panel(s) can be flat or twisted within the tube means which may have the desired colored, transparency, wall thickness, diameter, shape, length for requirement. The said device may incorporated with non-elastic means, magnetic means, tube holder, sensor means, Integrated circuit to add a lot of desired variety features.

Classifications:

International (IPC 8-9): A41D27/08 A41G1/00 A42B1/24 A43B3/00 A45C15/06 A61L9/03 B60Q1/26 B60Q3/02 B60R11/00 B60R13/00 C10G1/00 C12M1/00 C12M1/06 C12M1/12 C12M1/34 C12M3/00 F21K2/00 F21K9/232 F21K9/235 F21K9/275 F21K9/60 F21K9/65 F21K99/00 F21L13/00 F21L14/00 F21L4/00 F21L4/02 F21L4/08 F21S10/00 F21S10/02 F21S10/06 F21S2/00 F21S4/00 F21S4/28 F21S6/00 F21S8/00 F21S8/08 F21S9/02 F21S9/03 F21V1/00 F21V1/10 F21V11/00 F21V11/08 F21V13/00 F21V13/02 F21V14/00 F21V14/02 F21V14/06 F21V14/08 F21V15/01 F21V17/00 F21V17/02 F21V17/10 F21V17/12 F21V17/16 F21V19/00 F21V19/02 F21V21/00 F21V21/005 F21V21/08 F21V21/088 F21V21/092 F21V21/096 F21V21/14 F21V21/22 F21V21/30 F21V23/00 F21V23/02 F21V23/04 F21V23/06 F21V23/08 F21V25/00 F21V25/02 F21V29/00 F21V29/502 F21V29/70 F21V3/00 F21V3/02 F21V31/00 F21V33/00 F21V5/00 F21V5/04 F21V7/00 F21V7/04 F21V8/00 F21V9/00 F21V9/16 F21Y113/13 F21Y115/10 G01J5/00 G01S3/786 G02B27/22 G02F1/13 G02F1/1335 G02F1/13357 G03B1/00 G03B15/03 G03B15/05 G03B19/08 G03B21/00 G03B21/14 G03B21/20 G03B23/00 G03B29/00 G03B3/00 G03H1/22 G04B19/04 G04B19/30 G04B37/12 G04B47/00 G04C10/00 G04C19/00 G04G99/00 G06F1/26 G06K9/00 G06T7/00 G06T7/20 G06T7/70 G08B13/196 G08B13/24 G09F13/18 G09F13/22 G09F23/00 G09F23/04 G09F9/33 G09G3/30 G09G3/32 H01L21/00 H01L21/68 H01R103/00 H01R11/00 H01R13/66 H01R13/70 H01R13/717 H01R13/73 H01R24/76 H01R25/00 H01R27/00 H01R27/02 H01R3/00 H01R33/00 H01R33/009 H01R33/92 H01R39/00 H02G3/14 H02G3/18 H02J4/00 H02J7/00 H02J7/02 H02M1/00 H04N1/21 H04N5/225 H04N5/232 H04N5/235 H04N5/247 H04N5/33 H04N5/76 H04N5/77 H04N7/18 H04N9/31 H05B33/08 H05B35/00 H05B37/00 H05B37/02 H05B41/30 (Advanced/Invention); B60R13/02 F21K9/23 F21K9/235 F21K9/238 F21S2/00 F21S9/02 F21V1/10 F21V19/00 F21V21/22 F21V21/29 F21V21/30 F21V23/00 F21V23/04 F21V23/06 F21V33/00 F21V8/00 F21V9/02 F21W12/00 F21W13/10 F21Y101/00 F21Y101/02 F21Y113/10 F21Y113/13 F21Y115/10 F21Y115/30 F21Y2115/10 F21Y2115/30 G01S3/786 G02B5/32 G03B21/14 G09F13/22 H01H9/18 H01J7/44 H01R103/00 H01R13/713 H01R24/76 (Advanced/Non-invention); A42B1/00 A43B3/00 A45C15/00 B60Q3/00 B60R11/00 B60R13/00 F21L4/00 F21S4/00 F21V1/00 F21V17/00 F21V21/00 F21V21/005 F21V21/08 F21V21/14 F21V23/00 F21V23/04 F21V3/00 F21V33/00 G03B21/00 G03B21/14 G09F13/22 H01R3/00 H01R33/00 H05B37/02 (Core/Invention); B60R13/02 G02B5/32 (Core/Non-invention)

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Family:

Publication number	Publication date	Application number	Application date	
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Probable Assignee: TORMACH LLC

Assignee(s): (std): CHIEN TAENG LU ; CHIEN TSENG L ; CHIEN TSENG LU ; TORMACH LLC ; WALLAGE RAYMOND ROGER

Inventor(s): (std): WALLAGE RAYMOND ROGER ; CHIEN TSENG LU ; CHIEN TSENG L ; CHIEN TAENG LU

Inventor(s): CHIEN TSENG

Agent(s): BACON AND THOMAS PLLC; ROBERT

10) Family number: 50080877 (US2012030047A)

PatBase

Title: PAYMENT TOKENIZATION APPARATUSES, METHODS AND SYSTEMS

Abstract: The PAYMENT TOKENIZATION APPARATUSES, METHODS AND SYSTEMS ("PT") transform payment token-based purchase orders via PT components into multi-issuer purchase payment funds transfers. In one embodiment, the PT obtains a token arbitration request including unique source-neutral universally-resolvable payment token information from a merchant for processing a purchase order from a user. The PT queries a token database for issuer information on an issuer using the payment token information, and obtains the issuer information. The PT also determines that the user should be queried for payment options based on the issuer information, generates a payment options request, and provides the payment options request to a mobile device of the user. Upon obtaining a response to the payment options request from the mobile device of the user, the PT generates a purchase authorization request based on the payment options and pre-defined settings for issuers to be contacted for processing the purchase order, and provides the generated purchase authorization request to the issuer.

Classifications:

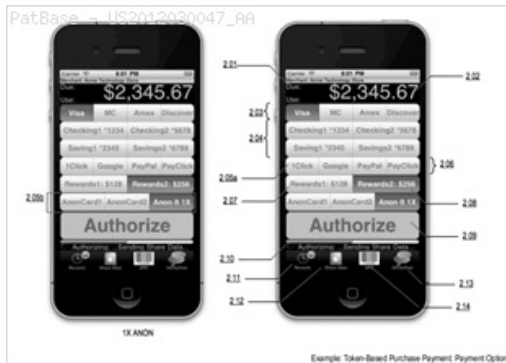
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G10L15/22 (Advanced/Non-invention); G06Q (Subclass/Invention)

CPC: G06Q20/04 G06Q20/425 G06Q30/0601 G06Q20/409 G06Q20/382 G06Q50/01 G06Q20/4014 G06Q20/12 G06Q20/18 G06Q20/20 G06Q20/3278 G06Q20/027 G06Q30/0207 G06Q30/0238 G06Q30/0267 G06Q30/0271 G06F2221/2113 H04W12/12 G06Q20/3224 G06F21/577 G06Q30/0641 G06Q30/0261 H04W4/02 G06Q30/0269 G06Q20/40145 G06Q20/3226 G06Q20/322 G06Q20/3276 G06Q30/0281 G06Q20/40 G06Q20/4016 G06Q10/00 G06Q30/02 G06Q30/06 G06K9/00671 G06F16/338 G02B27/017 G02B2027/0138 G02B2027/014 G02B2027/0178 G02B2027/0187 G06F3/01 G06F3/011 G06Q20/32 G06Q20/36 G06Q20/401 G06Q30/0623 G06Q30/0631 G06Q30/0639 G06T19/006 G10L2015/223 H04W12/00503 H04W12/00505

European: G06Q10/00 G06Q20/04 G06Q20/32 G06Q20/425 G06Q30/0601

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Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: VISA INT SERVICE ASSOCIATION

Assignee(s): (std): BORHAN ERNEST ; CIUREA PETER ; DILL MATTHEW ; FAITH PATRICK ; FUENTES JACOB ; HAMMAD AYMAN ; KARPENKO IGOR ; O CONNELL CRAIG ; HARRIS THEODORE ; PURVES THOMAS ; HUA JULIAN ; VISA INT SERVICE ASS ; TRIFILETTI GREG ; VISA INT SERVICE ASSOCIATION ; SIEGEL KEVIN P ; WALD JERRY

Assignee(s): VISA INTERNATIONAL SERVICE ASSOCIATION ; O'CONNELL CRAIG

Inventor(s): (std): O CONNELL CRAIG ; FAITH PATRICK ; HARRIS THEODORE ; KATZIN EDWARD ; LI SHAW ; BORHAN ERNEST ; PURVES THOMAS ; WALD JERRY ; HUA JULIAN ; JACOB FUENTES ; MATTHEW DILL ; GREG TRIFILETTI ; PETER CIUREA ; AYMAN HAMMAD ; PURVES TOM ; RUTHERFORD ROBERT ; CIUREA PETER ; TRIFILETTI GREG ; HAMMAD AYMAN ; FUENTES JACOB ; DILL MATTHEW ; KARPENKO IGOR ; SIEGEL KEVIN P

Inventor(s): O'CONNELL CRAIG

Agent(s): FISHER ADAMS KELLY; FISHER ADAMS KELLY PTY LTD; PIZZEYS; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD; ANDERSON OLIVER BEN; CHINA PATENT AGENT HK LTD; FUJIMOTO RYOSUKE; KILPATRICK TOWNSEND AND STOCKTON LLP; LOEB AND LOEB LLP; HANCHUK WALTER; ROJANAKIATHAVORN MATTHEW V ET AL; BIERNACKI JOHN V 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 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

11) Family number: 28065258 (US2003032474A)

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Title: FLEXIBLE LOYALTY POINTS PROGRAMS

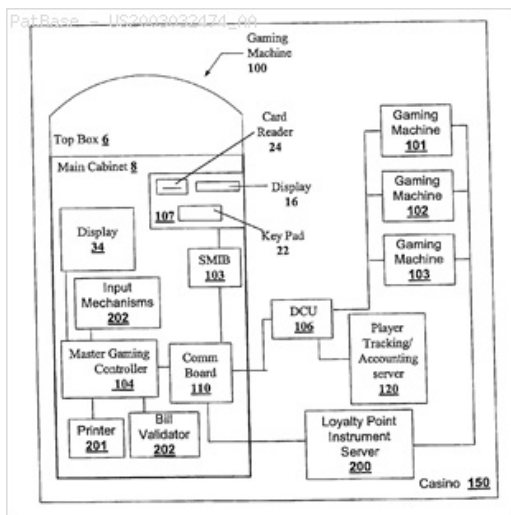
Abstract: A disclosed a loyalty program transaction network provides a plurality of loyalty program instrument generation sites that award loyalty points. The loyalty points may be stored on loyalty point instruments such as printed tickets, magnetic-striped cards, room keys, portable **wireless** devices and smart cards. The loyalty program instruments may be issued to a patron of a gaming establishment without receiving identification information from the patron. At a loyalty program validation site, the loyalty program instruments may be used to redeem loyalty points for goods and services or the loyalty program instruments may be used to add loyalty points to an existing loyalty program account. Loyalty points may be earned by the patron during a number of activities such as playing a gaming machine, playing a game of chance, a food **purchase**, an entertainment **purchase**, a transportation **purchase**, a lodging **purchase**, a merchandise **purchase** and a service **purchase**.

Classifications:

International (IPC 8-9): A61F2/04 A61F2/06 A61F2/82 A61F2/84
A61K31/436 A61K31/65 A61K38/54 A61K45/00 A61K45/06
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G07F17/32 G07F7/02 (Advanced/Invention);
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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 TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

12) Family number: 34279384 (US2002090132A) © PatBase

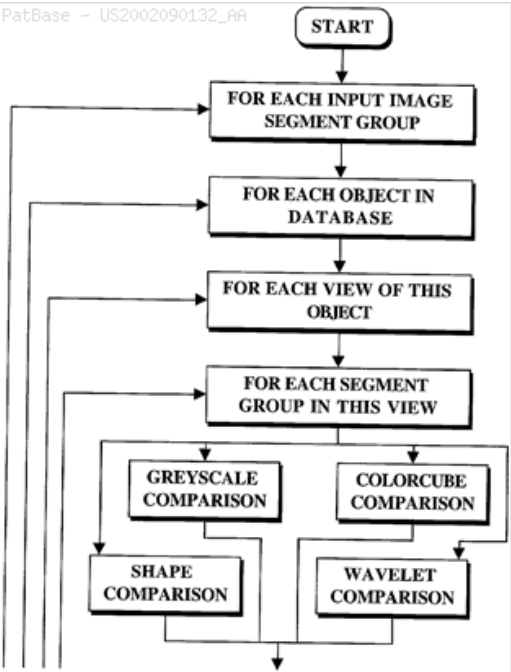
Title: IMAGE CAPTURE AND IDENTIFICATION SYSTEM AND PROCESS

Abstract: An identification method and process for objects from digitally captured images thereof that uses image characteristics to identify an object from a plurality of objects in a database. The image is broken down into parameters such as a Shape Comparison, Grayscale Comparison, Wavelet Comparison, and Color Cube Comparison with object data in one or more databases to identify the actual object of a digital image.

Classifications:

International (IPC 8-9): A61C3/00 A63F13/00 A63F13/10
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Probable Assignee: NANT HOLDINGS IP LLC**Assignee(s):** (std): EVRYX TECHNOLOGIES ; EVRYX TECHNOLOGIES INC ; EVRYX TECH INC ; COHEN RONALD ; COHEN RONALD H ; NANT HOLDINGS IP LLC ; THOMS MICHAEL ; KIRSTGEN UDO ; BONCYK WAYNE C ; NANT HOLDINGAS IP LLC ; NANT HOLDINGS IP LLC ; NANT HOLDNGS IP LLC**Assignee(s):** BRISTOL INVESTMENT FUND LTD ; AREA CLEARANCE SERVICES SWEDEN AB ; G TYLER RUNNELS AND JASMINE NIKLAS RUNNELS TTE RUNNELS FAMILY TRUST ; IRA ROLLOVER II FBO J STEVEN EMERSON PERSHING LLC CUSTODIAN AS ; IRA ROTH FBO J STEVEN EMERSON PERSHING LLC CUSTODIAN AS ; JONATHAN M GLASER AND NANCY ELLEN GLASER TTEES OF JONATHAN AND NANCY GLASER FAMILY TRUST ; EMERSON PARTNERS ; G TYLER RUNNELS AND JASMINE NIKLAS RUNNELS TTE RUN ; EVRYX ACQUISITION LLC ; EVRYX TECHNOLOGIES INC ; EVRYX TECHNOLOGIES 2445 EAST DEL MAR BOULEVARD SUITE 416 PASADENA ; WAYNE C BONCYK ; RONALD H COHEN ; HIGH TIDE LLC ; IRA ROLLOVER II FBO J STEVEN EMERSON PERSHING LLC ; IRA ROTH FBO J STEVEN EMERSON PERSHING LLC CUSTODI ; JONATHAN M GLASER AND NANCY ELLEN GLASER TTEES OF ; IRA ROTH FBO J STEVEN EMERSON PERSHING LLC AS CUST**Inventor(s):** (std): BONCYK WAYNE ; BONCYK WAYNE C ; COHEN RONALD ; COHEN RONALD H ; WAYNE C BONCYK ; EVRYX TECHNOLOGIES ; BONCYK V WAYNE C ; THOMS MICHAEL ; KIRSTGEN UDO ; NANT HOLDINGS IP LLC**Inventor(s):** RONALD H COHEN**Agent(s):** FINLAYSON AND SINGLEHURST ; MOFFAT AND CO ; RUPP CHRISTIAN ET AL ; DR GRAF AND PARTNER AG ; RICHARDS BUTLER 20TH FLOOR ALEXANDRA HOUSE 16 20 CHATER ROAD HONG KONG ; SANYOU INTELLECTUAL PROPERTY LTD ; LIU SHEN AND ASSOCIATES ; OSAKI KATSUMASA ; TSUBOKURA MICHIAKI ; KANAYAMA MASATAKA ; KAWAGUCHI YOSHIO ; ONO MAKOTO ; KAWAGUTI AND PARTNERS ; ROBERT D FISH RUTAN AND TUCKER LLP ; FISH AND ASSOCIATES PC ROBERT D FISH ; FISH AND ASSOCIATES PC ; FISH AND TSANG LLP ; FISH IP LAW 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 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 MG MK ML MN MR 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**13) Family number: 50081153 (US2011301433A)**

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Title: MENTAL STATE ANALYSIS USING WEB SERVICES**Abstract:** Analysis of mental states is provided using web services to enable data analysis. Data is captured for an individual where the data includes **facial** information and physiological information. Analysis is performed on a web service and the analysis is received. The mental states of other people may be correlated to the mental state for the individual. Other sources of information may be aggregated where the information may be used to analyze the mental state of the individual. Analysis of the mental state of the individual or group of individuals is rendered for display.**Classifications:****International (ipc 8-9):** A61B5/00 A61B5/01 A61B5/02 A61B5/0205

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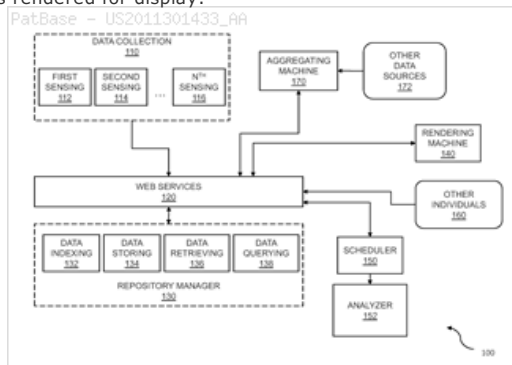
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Probable Assignee: AFFECTIVA INC

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Agent(s): ADAMS PLUCK ; JENNINGS VINCENT LOUIS ; KITA AOYAMA INT PATENT BUREAU ; ADAMS INTELLEX PLC ; ADAMS R DEAN ; ADAMS DEAN R

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

14) Family number: 44868479 (US2010088192A)

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Title: SECONDARY **MARKET** AND VENDING SYSTEM FOR DEVICES

Abstract: The system enables one to securely recycle an electronic device in a publicly accessible location. In particular, the embodiment described may be used by a mobile phone owner to submit his/her mobile phone for recycling via an electronic kiosk and receive compensation in some form. The compensation might be dispersed via **cash**, voucher, credit or debit card, or other magnetic or electronic transaction methods.

Classifications:

International (IPC 8-9): B09B3/00 B09B5/00 B65F5/00 E04H1/12 G01N21/84 G01R31/00 G03B43/00 G06F11/22 G06F13/10 G06F17/30 G06F3/00 G06F3/041 G06F3/0484 G06F3/0487 G06K19/077 G06K7/10 G06K9/00 G06K9/20 G06K9/46 G06K9/62 G06K9/78 G06K9/82 G06Q10/00 G06Q20/18 G06Q30/00 G06Q30/02 G06Q30/06 G06Q30/08 G06Q50/00 G06Q50/10 G06Q99/00 G06T1/00 G06T7/00 G07F11/00 G07F17/00 G07F7/00 G07F7/06 G07F9/00 H02J7/00 H04H1/24 H04L29/06 H04M1/02 H04M1/24 H04W4/00 (Advanced/Invention); G01N21/62 G01N21/94 G01R31/28 G06K9/78 G06Q30/08 H04M1/02 H04M1/24 H04N5/222 H04W88/02 (Advanced/Non-invention); G06F3/041 G06Q10/00 G06Q30/00 G06Q50/00 H02J7/00 (Core/Invention); H04N5/222 (Core/Non-invention)

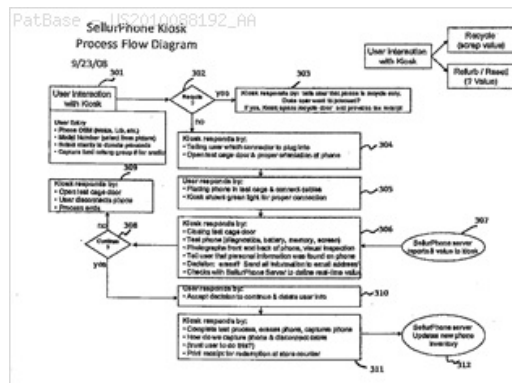
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Family:

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US20180977729	20180511				

Probable Assignee: ECOATM INC

Assignee(s): (std): BEANE JOHN ANDREW ; BOWLES MARK ; BOWLES MARK VINCENT ; ECO ATM INC ; ECOATM INC ; DUBEN AHRON ; ECOATM LLC ; VAN ROOYEN PIETER ; LIBRIZZI MICHAEL ; MICHAEL LIBRIZZI ; PIETER ROOYEN VAN ; MARK BOWLES ; TULLIE THOMAS L ; VESCO NEIL ; MILLER JOHN ; PLOETNER JEFF

Assignee(s): SILICON VALLEY BANK ; BANK OF AMERICA NA ; FMP AGENCY SERVICES LLC AGENT AS ; REMOBILE INC ; ECOATM INC10515 VISTA SORRENTO PARKWAYSAN DIEGOCA92121US ; ECOATM ; ECOATM INC A DELAWARE CORPORATION

Inventor(s): (std): JOHN ANDREW BEANE ; JEFF PLOETNER ; DUHBN AHRON ; PLOETNER JEFFREY ; AHRON DUBEN ; PIETER VAN ROOYEN ; ROSSER ERIC ; VESCO NEIL ; TULLIE THOMAS L ; PLOETNER JEFF ; BEANE JOHN ANDREW ; MILLER JOHN ; BOWLES MARK VINCENT ; MARK BOWLES ; PIETER ROOYEN VAN ; MICHAEL LIBRIZZI ; MARK POWERS ; LUTNICK HOWARD W ; ROOYEN PIETER VAN ; DUBEN AHRON ; LIBRIZZI MICHAEL ; BOWLES MARK ; VAN ROOYEN PIETER

Inventor(s): MILLER JOHNUS ; TULLIE THOMAS LUS ; VESCO NEILUS ; BOWLES MARK VINCENTUS ; PLOETNER JEFFUS ; BOWLES MARKUS ; BEANE JOHN ANDREWUS

Agent(s): OYEN WIGGS GREEN AND MUTALA LLP; MCCARTHY TETRAULT LLP; REGEHR HERBERT B; BULL HOUSSER AND TUPPER LLP; NORTON ROSE FULBRIGHT CANADA LLP SENCRL SRL; NORTON ROSE FULBRIGHT CANADA LLP; VIERING JENTSCHURA AND PARTNER; Milhench Mark Lorne; MILHENCH MARK LORNE; GRUENECKER KINKELDEY STOCKMAIR AND SCHWANHAUESSER; GRUENECKER PATENT U RECHTSANWAELTE PARTG MBB; HOARTON LLOYD DOUGLAS CHARLES; HIROE AND ASSOCIATES PATENT PROFESSIONAL CORP; NISHIJIMA TAKAKI; OHTSUKA FUMIAKI; KUMAKURA YOSHIO; SUDA HIROYUKI; KONDO NAOKI; UESUGI HIROSHI; DLA PIPER US LLP; CLAUSE EIGHT INTELL PROP SERVICE; CLAUSE EIGHT IPS; MICHAEL; PERKINS COIE LLP; HARRIMAN J D; CATANIA MICHAEL; BAKER THEODORE W 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 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

15) Family number: 34461244 (US2010030734A)

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Title: UNIVERSAL KNOWLEDGE MANAGEMENT AND DESKTOP SEARCH SYSTEM

Abstract: A system for transmission, reception and accumulation of the knowledge packets to plurality of channel nodes in the network operating distributedly in a peer to peer environment via installable one or more role active Human Operating System (HOS) applications in a digital devise of each of channel node, a network controller registering and providing desired

HOS applications and multiple developers developing advance communication and knowledge management applications and each of subscribers exploiting the said network resources by leveraging and augmenting taxonomically and ontologically classified knowledge classes expressed via plurality search macros and UKID structures facilitating said expert human agents for knowledge invocation and support services and service providers providing information services in the preidentified taxonomical classes, wherein each of channel nodes communicating with the unknown via domain specific supernodes each facilitating social networking and relationships development leading to human grid which is searchable via Universal Desktop Search by black box search module.

Classifications:

International (ipc 8-9): G06F15/16 G06F15/173 G06F17/00 G06F17/30 G06F17/40 G06F21/00 G06F3/01 G06F3/0482 G06F7/10 G06F8/61 G06F8/65 G06F9/445 G06N5/02 G06Q10/00 G06Q10/10 G06Q20/10 G06Q20/12 G06Q20/14 G06Q20/32 G06Q30/00 G06Q30/02 G06Q50/18 H04L12/18 H04L12/58 H04L29/06 H04L29/08 H04W4/00 H04W4/60 (Advanced/Invention); G06Q50/00 (Advanced/Non-invention)

International (ipc 1-7): G06F17/00

CPC: G06Q10/00 G06Q30/0243 G06Q30/0249 G06Q30/0255 G06Q30/0269 G06Q20/145 H04L63/061 G06Q50/184 G06Q20/10 H04L67/10 G06F8/65 G06F8/61 H04L51/066 H04L51/28 G06Q20/1235 H04L51/14 H04L51/046 H04L67/02 G06Q30/0251 H04L51/32 H04L67/306 G06F3/0482 H04L67/34 G06Q30/0282 G06Q20/322 G06Q50/01 H04L67/1074 H04L12/18 H04L67/22 H04L67/26 G06Q10/10 G06Q30/02 H04L51/16 H04L63/0227 H04L67/104 H04W4/60 G06F16/1837 G06F16/2428 G06F16/275 G06F16/285 G06F16/3331 G06F16/40 G06F16/951 G06F16/9535

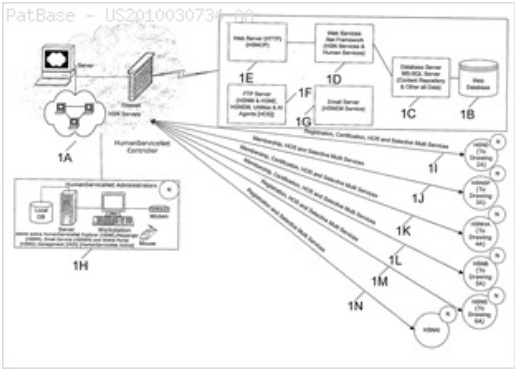
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US: 705/14.42 705/14.420P 705/14.48 705/14.480P 705/14.49 705/14.490P 705/14.490S 705/14.53 705/14.530S 705/14.66 705/14.660P 705/14.660S 705/14.73 705/319 705/40 707/3 707/609 707/609P 707/627 707/627S 707/640 707/661 707/706 707/706P 707/706S 707/713 707/723 707/723P 707/733 707/733P 707/769 707/769P 707/769S 707/770 707/770P 707/E17.005 707/E17.005S 707/E17.014 707/E17.014S 707/E17.044 707/E17.044S 707/E17.107 707/E17.107S 707/E17.108 707/E17.108S 709/203 709/203S 709/204 709/204P 709/204S 709/205 709/205S 709/206 709/206P 709/206S 709/218 709/219 709/219S 709/223 709/223P 709/224 709/224P 709/226 709/226P 709/230 715/739 715/747 715/747P 715/751 715/751P 715/810 726/1 726/1P 726/3 726/3S

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Publication number	Publication date	Application number	Application date
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US2015142649 AA	20150521	US20150604449	20150123
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US2016182242 AA	20160623	US20160053901	20160225
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US7991764 BB	20110802	US20060995343	20060718
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WO07052285 A8	20090820	WO2006IN00260	20060718

Priority:



IN2005MU00878	20050722	US20060995343	20060718	WO2006IN00260	20060718
US20080995343	20080111	US20100847861	20100730	US20100847840	20100730
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US20150604426	20150123	US20160053889	20160225	US20160053901	20160225
US20160053853	20160225	US20160208557	20160712	US20180890957	20180207

Probable Assignee: ONEPATONT SOFTWARE LTD

Assignee(s): (std): CHUNILAL RATHOD YOGESH ; ONEPATONT SOFTWARE LTD ; RATHOD YOGESH CHUNILAL

Assignee(s): YOGESH CHUNILAL RATHOD ; KOOTOL SOFTWARE CO LTD ; KOOTOL SOFTWARE LTD ; ONEPATONT HOLDINGS CO LTD

Inventor(s): (std): CHUNILAL RATHOD YOGESH ; RATHOD YOGESH CHUNILAL

Inventor(s): YOGESH CHUNILAL RATHOD

Agent(s): BERESKIN AND PARR LLP SENCRL SRL; KURIG THOMAS; SUGHRUE MION PLLC; JENKINS WILSON TAYLOR AND HUNT PA; POTTER ANDERSON CORROON LLP; RAKESH H; POTTER ANDERSON AND CORROON 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 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 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 ZA ZM ZW

16) Family number: 11839475 (US2004046736A)

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Title: NOVEL MAN MACHINE INTERFACES AND APPLICATIONS

Abstract: Affordable methods and apparatus are disclosed for inputting position, attitude (orientation) or other object characteristic data to computers for the purpose of Computer Aided Design, Painting, Medicine, Teaching, Gaming, Toys, Simulations, Aids to the disabled, and internet or other experiences. Preferred embodiments of the invention utilize electro-optical sensors, and particularly TV **Cameras**, providing optically inputted data from specialized datum's on objects and/or natural features of objects. Objects can be both static and in motion, from which individual datum positions and movements can be derived, also with respect to other objects both fixed and moving. Real-time photogrammetry is preferably used to determine relationships of portions of one or more datums with respect to a plurality of **cameras** or a single **camera** processed by a conventional PC.

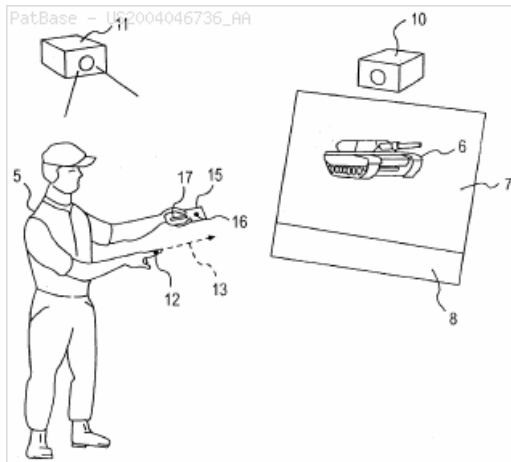
Classifications:

International (ipc 8-9): A61B3/02 A61B5/11 A61B5/12 A61B6/00 A63B24/00 A63B71/00 A63F13/00 A63F13/02 A63F13/04 A63F13/06 A63F3/00 A63F3/02 A63F7/02 A63F9/24 B60K B60K1/00 B60K35/00 B60K37/02 B60K37/06 B60Q1/00 B60R11/02 G01C21/36 G01D1/00 G01D13/00 G01F G01F1/708 G01S5/16 G05B G05B11/01 G05B15/00 G05B19/042 G06F G06F15/00 G06F15/16 G06F17/00 G06F17/30 G06F19/00 G06F3/00 G06F3/01 G06F3/03 G06F3/033 G06F3/0354 G06F3/038 G06F3/041 G06F3/042 G06F3/043 G06F3/045 G06F3/048 G06F3/0484 G06F3/0488 G06K11/06 G06K9/00 G06M11/04 G06T17/40 G06T7/00 G08B21/00 G08B6/00 G08C21/00 G09G5/00 G09G5/08 G09G5/10 G10H1/00 G10L21/00 H04B3/36 H04N5/225 H04N5/64 H04N7/18 H04N9/31 H04Q9/00 (Advanced/Invention); A63F9/24 B60R11/00 G06F3/041 (Advanced/Non-invention); A63B71/00 A63F3/02 A63F7/02 B60K37/04 B60Q1/00 G01D1/00 G01S5/00 G05B11/01 G05B15/00 G06F15/00 G06F17/00 G06F17/30 G06F19/00 G06F3/033 G06F3/041 G06F3/048 G06K9/00 G06M11/00 G09G5/00 G09G5/08 G10L21/00 H04N5/225 H04N5/64 H04N7/18 H04N9/31 (Core/Invention); A63F9/24 G06F3/041 (Core/Non-invention); B60K (Subclass/Invention)

International (ipc 1-7): A63F9/24 B60K1/00 G06F19/00 G06K9/00 G09G5/00 G09G5/08

CPC: A63F7/027 A63F2003/00974 A63F2009/243 A63F2009/2435 A63F2009/2457 G06F3/0423 G06F2203/0381 H04N9/3129 G06F2203/04808 Y10S128/92 Y10S128/921 Y10S128/922 A63F2300/8023 G06F3/01 G06K9/00335 G06K9/2018 G06T2207/10021 G06T2207/30196 G06T2207/30204 A63B24/0062 A63B71/06 A63B24/0075 G06F19/3475 G06F19/3481 G06Q30/06 A63F2003/1043 A63F2300/1062 A63F2300/1081 A63F2300/6045 A63F2300/69 G06F3/038 G06F3/0428 G06F19/3418 G10H1/0008 G10H2220/321 G06T2219/2016 G06T2219/2021 G06F3/0346 G06F17/5095 G06F2217/32 G05B19/0423 A47L15/0063 G01F23/292 G05B2219/23031 G05B2219/2643 G05B2219/31048 A63F2300/1093 F24C7/082 H05B6/6435 H05B2213/04 Y10S482/90 Y10S482/901 G06F3/042 B60K37/02 G06F3/0421 G06F3/04886 G01C21/365 G01C21/265 G06T19/20 G06F2203/04109 G06F3/012 G06F3/014 A63F13/212 A63F13/245 A63F13/803 A63F13/428 A63F13/2145 A63F2300/1075 A63F2300/1087 A63F2300/30 A63F2300/308 A63F2300/8011 G07F17/3297 G06F3/0304 G06F3/0325 G06F3/011 A63F3/00643 A63F7/0005 A63F2009/0012 A63F2009/2419 A63F2009/2433 A63F2250/50 A63F2300/1068 G06F2203/04101 G01S5/16 G01C21/3664 G06F3/0312 G06F3/03545 G06F3/04847 G06F3/0488 G06F2203/04108 G06F2203/04809 G06T7/246 G06T7/593 G06T7/73 B33Y50/00 G06F3/016 G06F3/017 G06F3/0416 G06F3/04883 G16H40/63 G16H50/50 G16H20/30 A63F13/06 A63F13/10 A63F13/00 A63F13/02 A63F13/04 B60K2370/126 B60K2370/143 B60K2370/1438 B60K2370/145 B60K2370/152 B60K2370/155 B60K2370/122 B60K2370/1868 B60K2370/21 B60K2370/774 B60K2370/736 B60K2370/11 B60K2370/334 B60K2370/146 B60K2370/148 B60K2370/55 B60K35/00 B60K37/06 B60R11/02 B60R11/0235 B60R2011/0005 B60R2011/0007 B60R2011/0012 B60R2011/0028 B60R2011/0029 B60R2011/0042 B60R2011/0094 G06F3/0425 G06F3/0426

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S06F217/32 S06T207/10021 S06T207/30196 S06T207/30204 S10H220/321
US: 1/1 116/205 116/205S 128/920 128/921 128/922 178/18.01 178/18.09 273/237 273/274 307/10.1 340/407.1
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Publication number	Publication date	Application number	Application date
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CN102498442 A	20120613	CN201080028358	20100519
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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 YU ZA ZM ZW

17) Family number: 65691330 (US2017136880A)

PatBase

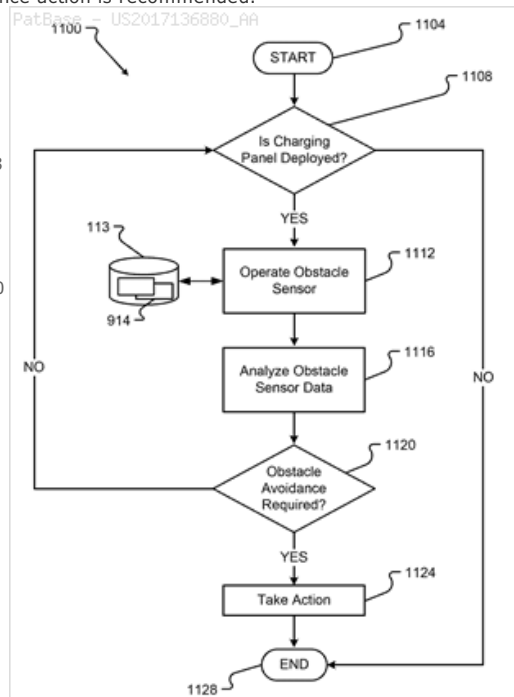
Title: ELECTRIC VEHICLE CHARGING DEVICE OBSTACLE AVOIDANCE AND WARNING SYSTEM AND METHOD OF USE

Abstract: Techniques for electric vehicle systems, and in particular to an electric vehicle charging device obstacle avoidance system and method of use. In one embodiment, a system for obstacle avoidance of a charging panel of an electrical vehicle is disclosed, the system comprising: a charging panel interconnected to the electric vehicle; an actuator interconnected to the charging panel, the actuator configured to position the charging panel; at least one sensor configured to sense an obstacle location measurement in a predicted travel path of the electric vehicle; and an obstacle avoidance controller that receives the obstacle location measurement and determines if an obstacle avoidance action is recommended.

Classifications:

International (IPC 8-9): A61B5/01 A61B5/024 A61B5/08
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Probable Assignee: NIO USA INC

Assignee(s): (std): NEXTEV USA INC ; NIO USA INC ; TRANSLATIONAL DRUG DEV LLC ; NEXT EV USA INC

Assignee(s): NEXTEV ; TRANSLATIONAL DRUG DEVELOPMENT LLC

Inventor(s): (std): NEWMAN AUSTIN ; POULIOT CHRISTOPHER ; COX JONATHAN ; BAIK EDWARD ; GATELY STEPHEN ; WANG TONG ; NORTH CRAIG ; HIRSHBERG YANIR ; POULIOT CHRISTOPHER F ; XIAO FEI ; FREYTAG PATRICK ; NEWMAN AUSTIN L ; RICCI CHRISTOPHER ; COX JONATHAN A ; MURALIDHAR GAUTAM ; BAIK EDWARD H ; SINGHAL ABHISHEK ; RICCI CHRISTOPHER P

Agent(s): SHERIDAN ROSS PC ; SWARTZ DOUGLAS W ; LENNOX GENTLE THAINE ; LINDON BRENT R ; WILSON TADD F ; DALEY WILLIAM J ; LENNOX GENTLE THAINE ET AL ; FULLER RODNEY 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 DJ 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 JO JP KE KG KH KM KN KP KR KW 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

18) Family number: 57095224 (US2014257865A)

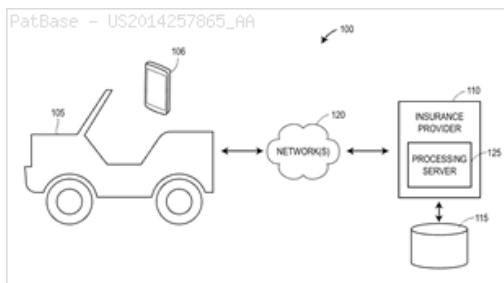
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Title: SYSTEMS AND METHODS FOR PROCESSING CREDITS FOR DISTANCE-BASED INSURANCE POLICIES

Abstract: Methods and systems for processing credits for **customers** having distance-based insurance policies for vehicles. According to aspects, a distance-based insurance policy of a vehicle specifies an amount of distance units for insured vehicle travel and has an associated policy term. Upon expiration of the policy term, an insurance provider receives an odometer reading and uses the odometer reading to calculate an amount of unused distance units. The insurance provider may determine one or more types of credit that are based on the amount of unused distance units. The insurance provider may also apply the one or more types of credit to an account of the **customer**.

Classifications:

International (IPC 8-9): B60C1/00 B60Q1/00 B60R25/20 G01M17/00 G06F11/30 G06F19/00 G06F7/00 G06Q30/02 G06Q40/00 G06Q40/08 G07C5/00 (Advanced/Invention); G06Q30/02 (Advanced/Non-invention)
CPC: G06Q40/08 G06Q40/00 G07C5/00 B60Q1/00 G06Q30/0208 G06Q30/0207 B60R25/20 B60C1/00 G07C5/008
US: 1/1 340/438 340/439 705/4



Family:

Publication number	Publication date	Application number	Application date
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US10176530 BA	20190108	US20170443936	20170227

Priority:

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Probable Assignee: STATE FARM MUTUAL AUTOMOBILE INSURANCE CO

Assignee(s): (std): STATE FARM MUTUAL AUTOMOBILE INSURANCE CO

Assignee(s): STATE FARM MUTUAL AUTOMOBILE INSURANCE CO

Inventor(s): (std): CIELOCHA STEVEN ; GAY CHRISTOPHER E ; HAYWARD GREGORY ; BINION TODD ; CHRISTENSEN SCOTT T ; CIELOCHA STEVEN C ; CHRISTENSEN SCOTT THOMAS

Agent(s): RANDALL G; MARSHALL GERSTEIN AND BORUN LLP; KENDALL G; RUETH RANDALL G

19) Family number: 20786251 (US2008199042A)

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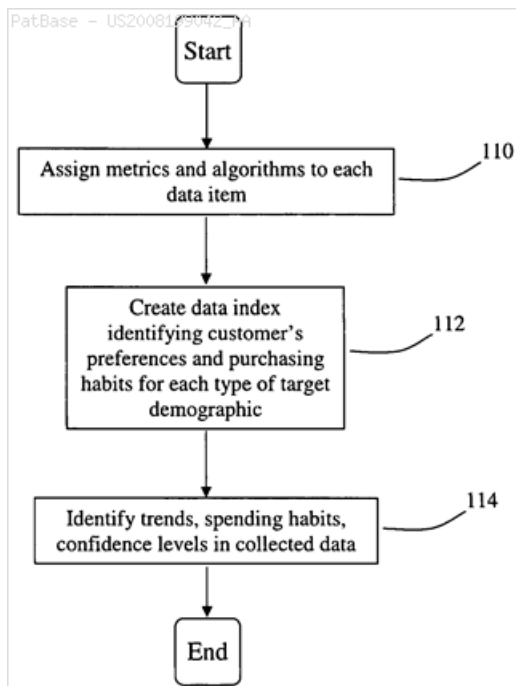
Title: TARGETED **MARKETING** SYSTEM AND METHOD

Abstract: A computer-implemented method for targeting **marketing** content to an online user, includes the steps of collecting data describing the user or the user's ownership item in a user profile, comparing the user profile with a target profile and presenting the user with content based on the comparison. The user profile includes a photographic likeness of the user or the user's ownership item, as well as information derived from the photographic likeness. Certain content may be dynamically created for the user based on the user profile and that content may include the photographic likeness, which may be altered to incorporate a portion of the content into the photographic likeness. In this manner, personalized advertisements for cosmetics, jewelry, clothing, cosmetic procedures, home improvement products, and other products or services may be created. The user profile also includes data describing the user's browsing habits and responses to context-specific survey questions. In one embodiment, metrics are assigned to the user profile data, and a data index identifying the user's preferences and **purchasing** habits is calculated for the user based on the assigned metrics. Each metric may also have an associated confidence factor, which causes the metric value to decay over time.

Classifications:

International (IPC 8-9): G06F G06F13/00 G06F17/30 G06F3/00 G06F3/01 G06F3/0346 G06F3/048 G06K9/00 G06K9/46 G06Q30/02 G06Q30/02 G06T G06T1/00 G06T13/00 G06T13/20 G06T13/40 G06T13/80 G06T15/00 G06T15/04 G06T15/20 G06T19/00 G06T19/20 G06T7/00 G06T7/50 G06T7/73 H04N H04N21/2343 H04N5/225 H04N7/10 (Advanced/Invention); G06K9/00 G06Q30/00 G06T15/00 H04N7/10 (Core/Invention); G06T H04N (Subclass/Invention)
International (IPC 1-7): G06F17/60
CPC: G06Q30/0269 G06Q30/0277 G06Q30/0204 G06Q30/0239 G06T13/80 G06T15/04 G06T15/205 G06T13/20 G06T2207/10004 G06T13/40 G06F3/005 G06K9/00369 G06F3/017 G06T19/20 G06K9/4604 G06T2219/2016 G06T19/006 G06Q30/02 G06T2210/16 G06T7/0042 G06T7/0051 G06T7/50 G06T7/73
European: G06F17/60B2 G06Q30/02 G06Q30/0204 G06Q30/0239 G06Q30/0269 G06Q30/0277 G06T13/40 G06T13/80 G06T15/04
US: 1/1 345/419 345/429 345/592 345/633 348/207.1 348/207.100P 348/E5.024 348/E50.24S 382/100 382/100P 382/118 382/162

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Family:

Publication number	Publication date	Application number	Application date
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Priority:

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Probable Assignee: FACECAKE MARKETING TECHNOLOGIES INC

Assignee(s): (std): FACECAKE INC ; FACECAKE MARKETING TECH INC ; FACECAKE MARKETING TECHNOLOGIE ; FACECAKE MARKETING TECHNOLOGIES INC ; GRAFF CLAYTON ; FACECAKE MARKETING TECHNOLOGIES ; FACECAKE TECHNOLOGIES INC ; GRAFF CLAYTON NICHOLAS ; FACECAKE TECH INC ; SMITH LINDA M ; LU DARREN D ; SMITH LINDA ; LU DARREN ; SZEDER JOHN

Inventor(s): (std): LU DARREN D ; SMITH LINDA M ; SZEDER JOHN ; SMITH LINDA ; NICHOLAS GRAFF CLAYTON ; LU DARREN ; JOHN SZEDER ; GRAFF CLAYTON NICHOLAS ; GRAFF CLAYTON

Inventor(s): CLAYTON NICHOLAS GRAFF ; DARREN D LU ; LINDA M SMITH

Agent(s): SHELSTON IP; SHELSTON IP PTY LTD; SHARPLES ANDREW JOHN; EIP; EITAN MEHULAL AND SADOT; KITA AOYAMA INT PATENT BUREAU; MANATT PHELPS AND PHILLIPS ROBERT D BECKER; MANATT PHELPS AND PHILLIPS LLP; MANATT PHELPS AND PHILLIPS; ROBERT D; MANATT PHELPS AND PHILLIPS LLP; MERKADEAU PAMELA S; MERKADEAU PAMELA S ET AL; MCCUBBREY J BRUCE ET AL; CHEUNG RHYS WING GEE 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 YU ZA ZM ZW

20) Family number: 34288721 (US2007038338A)

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Title: DRIVER ACTIVITY AND VEHICLE OPERATION LOGGING AND REPORTING

Abstract: A method for logging and reporting driver activity and vehicle operation includes identifying a driver of a vehicle, recording operating data with an on-board recorder that is hard-wired to an engine control module, coupled to a mileage sensing system, and linked to a global navigation satellite system, and recording duty status of the driver. An hours of service log and a fuel tax log are created from the operating data. The method includes comparing the driver's hours of service log to an applicable requirement, indicating to the driver whether the driver is in-compliance or out-of-compliance with the applicable governmental reporting requirement, automatically uploading the logs to a receiver external to the vehicle using a **wireless** telecommunications network, and emitting a compliance signal representative of whether the driver is in-compliance or out-of-compliance with the applicable requirement to a second receiver external to the vehicle and under control of authorities.

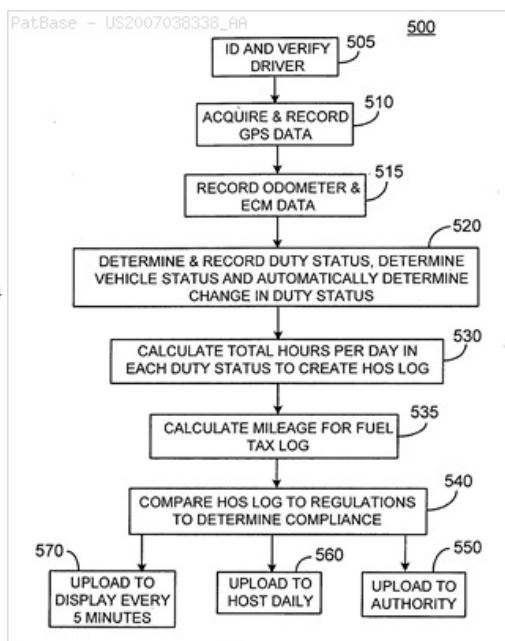
Classifications:

International (ipc 8-9): G01C21/00 G01M17/00 G01S1/00 G05D1/00 G06F17/00 G06F19/00 G06F7/00 G06Q20/04 G06Q20/32 G06Q20/40 G06Q50/06 G07C5/00 G07C5/08 G08B1/08 G08G1/00 (Advanced/Invention); G01C21/00 G05B15/02 G06F19/00 (Advanced/Non-invention); G01C21/00 G01M17/00 G01S1/00 G05D1/00 G06F19/00 G06F7/00 G07C5/00 G08G1/00 (Core/Invention); G01C21/00 (Core/Non-invention)

CPC: G08G1/205 G06Q20/405 G06Q20/3226 G06Q50/06 G06Q20/3278 G06Q20/40145 G07C5/008 G06Q10/06 G06Q50/30 G07B13/00 G07C5/02 G07C5/04 G07C5/085 G07C5/0858 G07C9/00158

European: G06Q10/06 G06Q50/30 G07C5/00T G07C5/02 G07C5/04 G07C5/08R2 G07C5/08R2B G07C9/00C2D G08G1/20B S07B13/00 S07C5/00T

US: 1/1 340/438 340/439 340/937 342/357.09 342/357.31 342/357.310S 348/148 455/569.2 701/1 701/115 701/117 701/123 701/1P 701/2 701/207 701/213 701/29 701/29.2 701/29.200P 701/29.6 701/29P 701/29S 701/2P 701/31.4 701/31.400P 701/31.400S 701/32 701/32.4 701/32.400P 701/32.5 701/33 701/33.4 701/33.400P 701/33P 701/35 701/35P 701/35S 702/82 705/44



Family:

Publication number	Publication date	Application number	Application date
US2007038338 AA	20070215	US20060352411	20060213
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US2018068311 AA	20180308	US20170812447	20171114
US2018108013 AA	20180419	US20170843750	20171215
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US8626377 BB	20140107	US20120385624	20120227
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US10157384 BB	20181218	US20170843750	20171215
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US20170843750	20171215	US20180222376	20181217		

Probable Assignee: INNOVATIVE GLOBAL SYSTEMS LLC

Assignee(s): (std): BISHOP JR J RICHARD ; INNOVATIVE GLOBAL SYSTEMS LLC ; LARSCHAN BRADLEY R ; LESESKY ALAN C ; REPORT ON BOARD LLC ; WELCH JAMES W ; BISHOP J R JR ; VEHICLE ENHANCEMENT SYSTEMS INC ; VEHICLE ENHANCEMENT SYS INC

Assignee(s): BISHOP JR ; VEHICLE ENHANCEMENT SYSTEMS INC

Inventor(s): (std): WELCH JAMES W ; LESESKY ALAN C ; LARSCHAN BRADLEY R ; BISHOP JR J RICHARD ; BISHOP J R JR

Inventor(s): BISHOP J ; LARSCHAN BRADLEY ; LESESKY ALAN ; WELCH JAMES ; BISHOP ; BISHOP J RICHARD ; BISHOP J R JR ; BISHOP JR ; JR J RICHARD

Agent(s): FISH AND RICHARDSON PC ; SCHWARTZ LAW FIRM PC SOUTHPARK TOWERS ; SCHWARTZ LAW FIRM 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 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 ZA ZM ZW

21) Family number: 61907879 (US2016086460A)

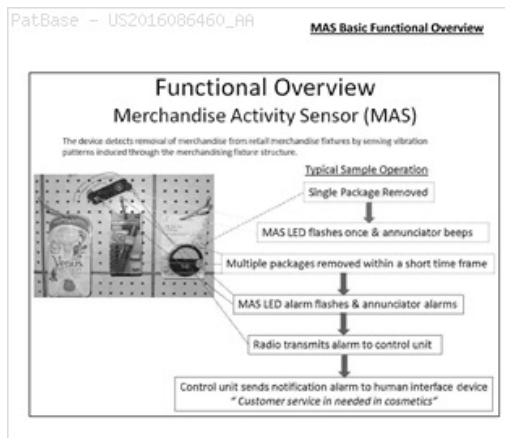
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Title: MERCHANDISE ACTIVITY SENSOR SYSTEM AND METHODS OF USING SAME

Abstract: Apparatus and systems using merchandise activity sensors for increasing the awareness of interactivity with merchandise on retail store displays (shelves, peg hooks, merchandise pushers, and other Point of **Purchase** displays) in order to facilitate more effective **customer** service, reduce theft and to provide additional analysis data related to merchandise/**shopper** interaction.

Classifications:

International (IPC 8-9): G06K9/00 G06Q10/00 G06Q10/08 G06Q10/10 G06Q30/00 G06Q30/02 G06Q30/06 G08B13/14 G08B13/196 G08B21/02 G08B25/00 G08B25/08 G08B25/10 H04M11/00 H04N5/225 (Advanced/Invention); G06F17/30 G06K7/10 G06K9/00 (Advanced/Non-invention)
CPC: G08B13/1436 G06Q10/10 G06Q30/06 G08B21/0263 G08B25/08 G08B25/10 G08B13/19695 G08B13/1427 G08B13/1472 G08B13/196 G08B25/00 G06K9/00288 G06K7/10297 G08B13/19613 G08B29/188 G08B31/00 G06Q10/0833 G06F16/235 G08B13/19665 G06Q10/087 G06K9/00771 H04N5/2252
US: 340/572.1



Family:

Publication number	Publication date	Application number	Application date
AU2015317354 AA	20160428	AU20150317354	20150918
AU2015317354 BB	20171214	AU20150317354	20150918
AU2018201808 AA	20180405	AU20180201808	20180314
CN107077646 A	20170818	CN201580050209	20150918
EP3039624 A1	20160706	EP20150842905	20150918
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JP2018502400 T2	20180125	JP20170535614T	20150918
JP6473986 B2	20190227	JP20170535614T	20150918
KR101850423 B1	20180419	KR20167016437	20150918
KR20160106057 A	20160909	KR20167016437	20150918
KR20180041260 A	20180423	KR20187010404	20150918

US2016086460 AA	20160324	US20150629233	20150223
US2017256148 AA	20170907	US20160269774	20160919
US2017365143 AA	20171221	US20170641276	20170704
US2019088096 AA	20190321	US20180051388	20180731
US9697709 BB	20170704	US20150629233	20150223
US10037662 BB	20180731	US20160269774	20160919
WO16044814 A1	20160324	WO2015US51098	20150918

Priority:

US20140052026P 20140918 US20150629233 20150223 AU20150317354 20150918
WO2015US51098 20150918 US20160269774 20160919 US20170641276 20170704
AU20180201808 20180314 US20180051388 20180731

Probable Assignee: INDYME SOLUTIONS LLC

Assignee(s): (std): BALDWIN BARRY ; BUDANO JOE ; DEAL STEVE ; DEAL STEVEN ; INDYME SOLUTIONS LLC ; MORIKAWA DEREK ; INDYME SOLUTIONS LLC ; KEPNER BILL ; KING GREG ; INDYME SOLUTIONS INC

Inventor(s): (std): DEAL STEVEN ; BUDANO JOE ; BALDWIN BARRY ; KEPNER BILL ; MORIKAWA DEREK ; KING GREG ; DEAL STEVE

Agent(s): AJ PARK; BLUE PENGUIN IP LTD; WINTER BRANDL FUERNISS HUEBNER ROESS KAISER POLTE PARTNERSCHAFT MBB; KARI; DAVID M; LEWIS KOHN AND WALKER LLP; KOHN DAVID M; MOYER HENRY KARI

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

22) Family number: 34715325 (US2007156758A)

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Title: INFORMATION OF PROXIMATE PROPERTIES THROUGH GEOGRAPHIC POSITIONING

Abstract: Information of proximate properties through geographic positioning is disclosed. In one aspect, a method of a server module includes determining a route of a user to arrive at a set of properties that are indicated of interest to the user based on a geographical location of the user communicated by way of a **client** module indicating a present location of the user; optimally adjusting the route of the user to drive by the set of properties computed through a mathematical algorithm having a parameter related to the geographical location of the user communicated via a **client** module indicating a present location of the user; and automatically identifying at least one other **marketed** property proximal to the geographical location of the user communicated via the **client** module to the server module indicating the present location of the user in addition to the set of **marketed** properties based on property databases.

Classifications:

International (IPC 8-9): B25J5/00 B25J9/00 B64C19/00 G01C1/00 G01C21/32 G01C21/34 G01C21/36 G05D1/00 G05D1/02 G06F15/16 G06F17/00 G06F17/30 G06F21/62 G06F3/00 G06F3/048 G06F3/14 G06F7/00 G06F9/46 G06Q10/00 G06Q10/06 G06Q10/08 G06Q10/10 G06Q20/24 G06Q30/00 G06Q30/02 G06Q30/06 G06Q30/08 G06Q40/00 G06Q50/00 G06Q50/26 G06Q50/30 G06Q99/00 G06T15/00 G08G1/00 G08G1/123 H04L12/18 H04L12/58 H04L29/06 H04L29/08 H04M3/42 H04W24/00 H04W4/02 H04W4/22 H04W76/00 (Advanced/Invention); G06F21/31 G06Q10/00 G06Q50/00 G06Q99/00 H04B7/00 H04L29/08 H04W4/00 (Advanced/Non-invention); G06F15/16 G06F3/048 G06F3/14 G06F7/00 G06F9/46 G06T15/00 H04M3/42 (Core/Invention)

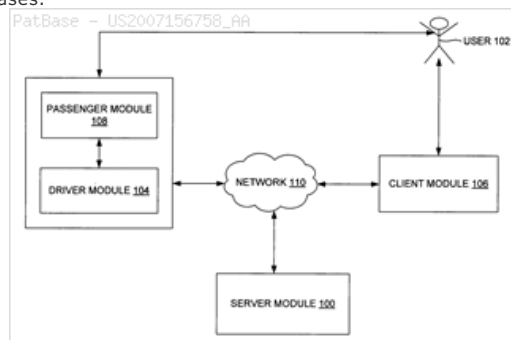
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European: G06F17/30L G06F3/0481 G06Q10/047 G06Q10/04R G06Q10/10 G06Q10/107 G06Q10/10M G06Q30/02 G06Q50/16 G06T17/05

US: 1/1 1/1P 345/419 345/419P 379/218.01 379/218.010P 455/432.3 455/456.1 455/456.2 455/456.3 455/518 455/519 700/245 701/117 701/2 701/23 701/25 701/3 701/409 705/14.1 705/14.23 705/14.27 705/14.4 705/14.45 705/14.57 705/14.58 705/26.3 705/26.9 705/28 705/307 705/319 705/325 705/332 705/342 705/343 705/344 705/37 705/39 705/7.11 705/7.34 707/104.1 707/736 707/737 707/999.107 707/999.107S 709/204 709/206 709/206P 715/201 715/706 715/706P 715/757 715/757P 715/757S 715/758 715/764 715/765 715/848 715/849 718/100 726/26 726/28 726/4 901/1 901/47 901/50

Family:

Publication number	Publication date	Application number	Application date
US2007156758 AA	20070705	US20060517756	20060908
US2008240397 AA	20081002	US20070731465	20070329
US2009015582 AA	20090115	US20070827774	20070713
US2009019085 AA	20090115	US20070827400	20070710
US2009019122 AA	20090115	US20070827834	20070712
US2009019366 AA	20090115	US20070827936	20070712
US2009064144 AA	20090305	US20070897689	20070830
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US20140504449	20141002	US20150872166	20151001		

Probable Assignee: FATDOOR INC

Assignee(s): (std): ABHYANKER RAJ ; ABHYANKER RAJ V ; ABHYANKER RAJ VASANT ; BERTRAND BLAISE ; FATDOOR INC ; COLIN YOUENN ; LOPEZ MORALES MANUEL R ; PATEL AAMIR ; PHO VINH ; PATRON ANTHONY ; LEGALFORCE INC ; CT D CORP ; EATBID INC ; OIA INTELLECTUALS INC ; MYER WARREN H

Assignee(s): IP ANALYTICS LLC ; NEXTDOORCOM INC ; OIA INTELLECTS ; GOOGLE INC ; GOOGLE LLC ; GEOTAG INC ; RAJ ABHYANKER PROFESSIONAL CORP ; CENTER D CORP ; COFFEE ROASTING CO ; DEALMAP INC ; CENTER'D CORP

Inventor(s): (std): ADIGA SADASHIV ; PHO VINH ; PATRON ANTHONY ; PATEL AAMIR ; MYER WARREN H ; LOPEZ MORALES MANUEL R ; COLIN YOUENN ; BERTRAND BLAISE ; ABHYANKER RAJ VASANT ; ABHYANKER RAJ V ; ABHYANKER RAJ

Agent(s): RAJ ABHYANKER LLP, C/O INTELLEVATE; RAJ ABHYANKER LLP C O INTELLEVATE; PILLSBURY WINTHROP SHAW PITTMAN LLP; DAVID; GOODWIN PROCTER LLP; RAJ ABHYANKER P C; RAJ ABHYANKER PC; RAJ

23) Family number: 33688967 (US2002043561A)

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Title: METHOD OF AND SYSTEM FOR PRODUCING DIGITAL IMAGES OF OBJECTS WITH SUBSTANTIALLY REDUCED SPECKLE-NOISE PATTERNS BY ILLUMINATING SAID OBJECTS WITH SPATIALLY AND/OR TEMPORALLY COHERENT-REDUCED PLANAR LASER ILLUMINATION

Abstract: Methods of and systems for illuminating objects using planar laser illumination beams having substantially-planar spatial distribution characteristics that extend through the field of view (FOV) of image formation and detection modules employed in such systems. Each planar laser illumination beam is produced from a planar laser illumination beam array (PLIA) comprising a plurality of planar laser illumination modules (PLIMs). Each PLIM comprises a visible laser diode (VLD), a focusing lens, and a cylindrical optical element arranged therewith. The individual planar laser illumination beam components produced from each PLIM are optically combined to produce a composite substantially planar laser illumination beam having substantially uniform power density characteristics over the entire spatial extent thereof and thus the working range of the system. Preferably, each planar laser illumination beam component is focused so that the minimum beam width thereof occurs at a point or plane which is the farthest or maximum object distance at which the system is designed to acquire images, thereby compensating for decreases in the power density of the incident planar laser illumination beam due to the fact that the width of the planar laser illumination beam increases in length for increasing object distances away from the imaging optics. Advanced high-resolution wavefront control methods and devices are disclosed for use with the PLIIM-based systems in order to reduce the power of speckle-noise patterns observed at the image detections thereof. By virtue of the present invention, it is now possible to use both VLDs and high-speed CCD-type image detectors in conveyor, hand-held and hold-under type imaging applications alike, enjoying the advantages and benefits that each such technology has to offer, while avoiding the shortcomings and drawbacks hitherto associated therewith.

Classifications:

International (IPC 8-9): B23K1/00 G02B26/00 G02B26/10 G02B26/12 G02B27/48 G06K15/00 G06K17/00 G06K5/00 G06K7/10 G06K7/14 G06K9/24 G07G1/00 H01L21/285 H01L29/45 H04N3/02 (Advanced/Invention); H01S5/022 H01S5/40 (Advanced/Non-invention); G02B26/10 G02B27/48 G06K17/00 G06K7/10 G06K7/14 G07G1/00 H01L21/02 H01L29/40 (Core/Invention); H01S5/00 (Core/Non-invention); B23K (Subclass/Invention)

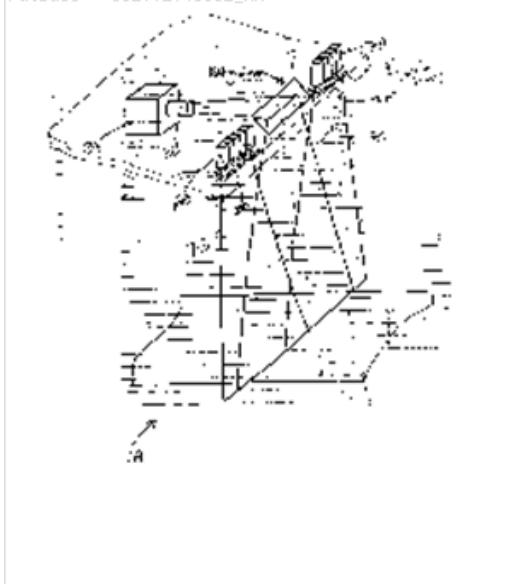
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Probable Assignee: METROLOGIC INSTRUMENTS INC

Assignee(s): (std): KNOWLES CARL HARRY ; ADAPTIVE OPTICS ASS ; METROLOGIC INSTR INC ; ZHU XIAOXUN ; TSIKOS CONSTANTINE J

Assignee(s): OMNIPLANAR INC ; MORGAN STANLEY AND CO INC ; ADAPTIVE OPTICS ASSOCIATES INC ; METEOR HOLDING CORP ; PNC BANK ; METROLOGIC INSTRUMENTS INC

Inventor(s): (std): AMUNDSEN THOMAS ; AU KA MAN ; BLAKE ROBERT ; COLAVITO STEPHEN J ; DEFONEY SHAWN ; DOBBS RUSSELL JOSEPH ; GHOSH SANKAR ; GIORDANO PATRICK A ; GOOD TIMOTHY ; GOOD TIMOTHY A ; JANKEVICS ANDREW ; JANKEVICS ANDREW J ; KIM STEVE Y ; KNOWLES C HARRY ; KNOWLES CARL HARRY ; KOLIS GEORGE ; NAYLOR CHARLES A ; FISCHER DALE ; RUSSELL GARRETT ; SCHMIDT MARK ; SCHMIDT MARK S ; SCHNEE MICHAEL D ; SCHWARTZ BARRY E ; SKYPALA EDWARD ; SVEDAS WILLIAM ; TASSEL JOHN E VAN ; TSIKOS CONSTANTINE J ; VATAN PIROOZ ; WILZ DAVID M ; WILZ DAVID W SR ; WIRTH ALLAN ; YORSZ JEFFERY ; YORSZ JEFFREY ; ZHU XIAOXUN

Inventor(s): ALLAN WIRTH ; XIAOXUN ZHU ; WILZ SR DAVID W ; WILLIAM SVEDAS ; VAN TASSEL JOHN E ; THOMAS AMUNDSEN ; TIMOTHY A GOOD ; STEPHEN J COLAVITO ; STEVE Y KIM ; SHAWN DEFONEY ; RUSSELL JOSEPH DOBBS ; SANKAR GHOSH ; GEORGE KOLIS ; PATRICK A GIORDANO ; PIROOZ VATAN ; ROBERT BLAKE ; MARK S SCHMIDT ; MICHAEL D SCHNEE ; JEFFREY YORSZ ; KA MAN AU ; EDWARD SKYPALA ; CONSTANTINE J TSIKOS ; DALE FISCHER ; DAVID W WILZ SR ; CARL HARRY KNOWLES ; CHARLES A NAYLOR ; BARRY E SCHWARTZ ; ANDREW J JANKEVICS

Agent(s): THOMAS J PERKOWSKI ESQ PC SOUNDVIEW PLAZA

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 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 ZM ZW

24) Family number: 40797636 (US2007203727A)

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Title: EMERGENCY SUPPLIES PRE-POSITIONING AND ACCESS CONTROL METHOD

Abstract: One provides (101) a plurality of carriable containers having emergency supplies contained therein wherein each

of these carriable containers is readily carriable by an average adult human. These carriable containers are then placed (103) within one or more corresponding controlled access containers as are provided at one or more publicly accessible locations (102). Prior to a triggering catastrophic event, one or more specific authorized beneficiaries are then preauthorized (104) to have catastrophic event-based access to one or more of these carriable containers. So configured, the authorized beneficiary(s) will in turn have access to the corresponding emergency supplies that are contained within the carriable container when a triggering catastrophic event occurs.

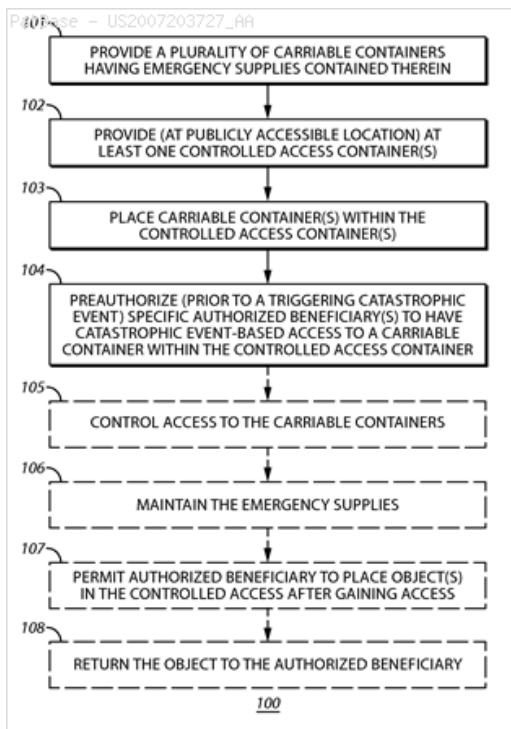
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European: A45C15/00 A47K11/02C A61B19/02F A61B19/02P4D A62B1/02 A62B31/00 A62B99/00 B01D46/00D4 B01D46/00F60 B63C9/02 E04H9/06 E04H9/08 E04H9/12 E04H9/14 F41H5/24 G06F19/32G G06Q10/00 G06Q10/02 G06Q10/06 G06Q10/08 G06Q10/08E G06Q10/10 G06Q20/401 G06Q30/00 G06Q30/02 G06Q30/0214 G06Q30/0217 G06Q30/0226 G06Q30/0227 G06Q30/0231 G06Q30/0233 G06Q30/0283 G06Q30/04 G06Q30/06 G06Q40/08 G06Q50/00 G06Q50/10 G06Q50/163 G06Q50/26 G06Q50/30 G06Q90/00 G06Q99/00 G07C9/00B6D4 G07F17/00D G07F7/00D G08B27/00T G21F3/00 H04H20/59 K61B19/02F2 K62B99/00 L01D273/30 S06F19/34S T04H60/23 T04L29/06S10 T04L63/10 Y04S50/12

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Probable Assignee: SOVEREIGN DEED LLC

Assignee(s): (std): BOTOS MATTHEW J ; MOORE BARRETT H ; SEIDEL GREGORY E ; SOVEREIGN DEED LLC

Inventor(s): (std): SEIDEL GREGORY E ; BOTOS MATTHEW J ; MOORE BARRETT H

Inventor(s): MOORE BARRETT

Agent(s): FITCH EVEN TABIN AND FLANNERY; KRATZ RUDY; KRATZ RUDY I; KRUEGER JAMES P; KRATZ RUDY I ET AL; SAMPLES KENNETH H 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 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

25) Family number: 34329484 (US2007066327A)

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Title: SMS+4D: SHORT MESSAGE SERVICE PLUS 4-DIMENSIONAL CONTEXT

Abstract: A Short Message Service (SMS) enables a sender to send an asynchronous short text message from his source device to one or more receiving devices specified by the sender that represent one or more recipients. SMS+4D embeds, and allows the recipient to elicit contextual and explanatory information concerning the meaning of the short text message from the SMS, thus creating 'sideband' capability for text messages analogous to the visual and aural cues from accompanying facial and body expressiveness and the tone, timbre, pitch, and timing of a spoken message. SMS+4D may also learn, through embedded formal analysis and pattern comprehension, to associate specific contextual information to support the sender's original meaning, thereby clarifying superficially indefinite text words, phrases, or structures.

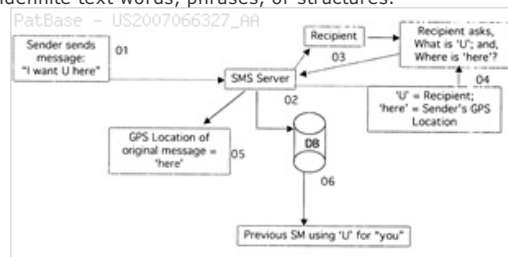
Classifications:

International (IPC 8-9): G06F15/16 G06F17/00 G06F17/30 G06F3/048 G06F3/14 G06Q30/00 G10L13/00 H04L12/58 H04L29/08 H04M1/725 H04Q7/20 H04W4/00 H04W4/02 H04W4/14 H04W4/18 H04W64/00 (Advanced/Invention); H04L12/58 H04W4/14 (Advanced/Non-invention); G06F15/16 G06F17/00 G06F17/30 G06F3/048 G06F3/14 G06Q30/00 G10L13/00 H04W4/00 H04W4/12 (Core/Invention); H04W4/12 (Core/Non-invention)

CPC: H04M1/7253 H04L67/20 H04L67/24 H04L67/303 H04L67/2804 G06F17/276 G06F17/2705 H04M2250/12 H04W88/184 G06Q30/02 G06Q30/0251 G06Q30/0267 H04W4/12 H04W8/22 H04M1/72561 H04W4/18 H04W4/20 H04W24/10 H04M1/7255 H04L51/04 H04W4/02 H04W4/026 H04W4/027 H04W4/14 H04W4/185 H04L29/06068 H04M1/72547 H04L51/38 H04M1/72552 H04M1/72569 H04M1/72572 H04W4/029 H04W4/21 H04L67/18 H04L69/08 G06F16/951

European: G06F17/27A G06F17/27P G06F17/30W1 G06Q30/02 G06Q30/0251 G06Q30/0267 H04L12/58W H04L29/06E H04L29/08N17 H04L29/08N19 H04L29/08N23 H04L29/08N27A H04L29/08N29T H04L51/38 H04M1/725F1M H04M1/725F1M2 H04M1/725F1M4 H04M1/725F2E H04W4/02 H04W4/02P6 H04W4/12 H04W4/18E T04L12/58B T04L12/58W T04L29/08N17 T04L51/04 T04M1/725F1B1 T04M1/725F1M4 T04M1/725F1W T04M1/725F2E T04M1/725F2G T04M250/12 T04W2/06S T04W204/14 T04W24/10 T04W288/18M T04W4/02 T04W4/02P2 T04W4/02P4 T04W4/12 T04W4/14 T04W4/18 T04W4/20 T04W4/20S T04W52/12M T04W8/22 T04W88/18M

US: 1/1 370/328 370/349 370/496 370/522 424/456 426/576 455/403 455/412.1 455/456.1 455/456.100S 455/456.2 455/456.3 455/457 455/466 455/466P 455/466S 455/500.1 455/550.1 455/566 455/566S 455/575.9 514/17 514/18 514/19 704/258 704/258P 705/14.49 705/14.490S 705/14.64 705/14.640P 707/3 707/803 707/803S 707/999.003 707/999.003S 707/999.01 707/E17.002 707/E17.009 707/E17.009S 707/E17.032 707/E17.032S 707/E17.108 707/E17.108S 707/E17.116 709/203 709/203S 709/206 709/206P 709/206S 709/215 709/215S 715/205 715/205P 715/234 715/234P 715/234S 715/752 715/752S 715/764 715/764S 715/846 715/846S



Family:

Publication number	Publication date	Application number	Application date
US2007066327 AA	20070322	US20060519600	20060911
US2007067398 AA	20070322	US20050231575	20050921
US2009215479 AA	20090827	US20090422313	20090413
US2009276500 AA	20091105	US20090503088	20090715
US2010069103 AA	20100318	US20090579832	20091015
US2010120456 AA	20100513	US20100691705	20100121
US2010145702 AA	20100610	US20100706296	20100216
US2010205061 AA	20100812	US20100720130	20100309
US2010211868 AA	20100819	US20100770626	20100429
US2010229082 AA	20100909	US20100782572	20100518
US2010255865 AA	20101007	US20100819147	20100618
US2010323730 AA	20101223	US20100855636	20100812
US2011014933 AA	20110120	US20100838418	20100716
US2013172021 AA	20130704	US20120595891	20120827
US2016344581 A9	20161124	US20100819147	20100618

US7551935 BB	20090623	US20060519600	20060911
US7580719 BB	20090825	US20050231575	20050921
US8275399 BB	20120925	US20100782572	20100518
US8472985 BB	20130625	US20100720130	20100309
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US8655390 BB	20140218	US20120595891	20120827
US9042921 BB	20150526	US20100706296	20100216
US9166823 BB	20151020	US20090422313	20090413
WO07038142 A2	20070405	WO2006US36661	20060920
WO07038142 A3	20090507	WO2006US36661	20060920

Priority:

US20050231575 20050921 US20060519600 20060911 US20090161763P 20090319
US20090422313 20090413 US20090503088 20090715 US20090579832 20091015
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US20100770626 20100429 US20100782572 20100518 US20100819147 20100618
US20100838418 20100716 US20100855636 20100812 US20120595891 20120827

Probable Assignee: BUCKYBALL MOBILE INC

Assignee(s): (std): BUCKYBALL MOBILE INC ; KARMARKAR AMIT ; KARMARKAR AMIT VISHRAM ; KARMARKAR SHARADA ; PETERS RICHARD ; U OWE ME INC ; PETERS RICHARD ROSS

Assignee(s): RENESAS ELECTRONICS CORP

Inventor(s): (std): KARMARKAR AMIT ; KARMARKAR SHARADA ; PETERS RICHARD ROSS ; PETERS RICHARD ; KARMARKAR AMIT VISHRAM

Inventor(s): KARMAKAR AMIT

Agent(s): GEORGE S COLE ESQ; INTELLEVATE; RAJ ABHYANKER LLP; RICHARD ROSS PETERS; RICHARD R PETERS; RAJ; RICHARD R

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 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

26) Family number: 53651599 (US2013110666A)

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Title: INTERACTIVE RETAIL SYSTEM

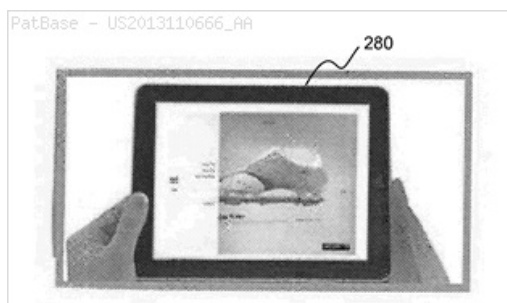
Abstract: A method comprising displaying, on a virtual projection, at least one image of at least one product available for **purchase** to attract **customers**, the virtual projection comprising one or more displays to display the at least one image of the at least one product. The method further includes initiating a **shopping** session with a **customer** on the virtual projection whereby the **customer** has access to one or more products related to the virtual projection. The **shopping** session transfers to and continues on a secondary device whereby the at least one image of the at least one product is accessed on the secondary device. The method further includes initiating a customization mode to allow a **customer** to customize properties of one or more of the images of products.

Classifications:

International (IPC 8-9): G06F3/01 G06F3/048 G06K9/00 G06Q30/00 G06Q30/02 G06Q30/06 G06Q50/00 G06T1/00 G07F11/00 H04L29/06 (Advanced/Invention)

CPC: G06Q30/0255 G06Q50/01 H04L63/08 G06Q30/0261 G06K9/00369 G06K9/00302 G06Q30/0269 G06Q30/0641 G06Q30/06 G06Q30/0238 G06Q30/0256

US: 705/14.53 705/26.5 705/27.1



Family:

Publication number	Publication date	Application number	Application date
CN103093543 A	20130508	CN201210411807	20121025
CN103093543 B	20161116	CN201210411807	20121025
CN106886912 A	20170623	CN201610809266	20121025
EP2587436 A2	20130501	EP20120190307	20121029
EP2587436 A3	20131009	EP20120190307	20121029
JP2013097799 A2	20130520	JP20120236670	20121026
JP6412299 B2	20181024	JP20120236670	20121026
US2013110666 AA	20130502	US20110284681	20111028
US2016335667 AA	20161117	US20160189593	20160622

Priority:

US20110284681 20111028 CN201210411807 20121025 US20160189593 20160622

Probable Assignee: ADIDAS AG

Assignee(s): (std): ADIDAS AG ; AUBREY CHRIS

Inventor(s): (std): CHRIS AUBREY ; AUBREY CHRIS

Agent(s): WEGNER HANS; OHMORI NORIO; KOBAYASHI HIROSHI; FURUHASHI NOBUSHIGE

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Title: RESTRICTED EPISODE DISTRIBUTION WITH REPEATED BIOMETRIC AUTHENTICATION

Abstract: Virtual gaming is provided at a remote location on-site or off-site of the casino premises using live multimedia video or restricted pre-recorded video from autonomous randomly selected live casino games. The restricted pre-recorded video could be obtained from prior casino security video or from closed regulated tournament video recordings. The multimedia video source is at a casino and provides video signals depicting a number of various legally-authorized live casino games. An accounting subsystem manages the compensation, credit accounts, and authentication for a remote player. A communication distribution hub connects the multimedia video source and the player accounting subsystem to a remote player station. The remote player station includes an appropriately secured display for displaying to a remote player the multimedia video signal depicting the legally-authorized live casino game or a pre-recorded legally randomized casino game. The remote player station also provides appropriately secured gaming information which enables the legally authenticated (biometric or otherwise) remote player to place a bet. The remote player station also provides gaming information to enable the remote player to receive a payout. Simplified wagering rules also enable the remote player to bet either for or against the actual player using either a live casino multimedia video signal or a restricted randomized casino multimedia game video from a pre-recorded storage medium. Pay table related decisions for the simplified wagering rules are as simple as video slot wagering compared to more complicated casino pay tables for card and other table games. A remote player can concurrently play several dissimilar casino games with these simplified wagering rules at the same gaming station. When selecting a game, the remote player can virtually roam around a casino and then participate in a plurality of selected games and

purchase casino sponsored E-commerce services and products without leaving the remote game station.

Classifications:

International (IPC 8-9): A63F13/00 A63F9/24 A64F13/00 G06F17/00

G06F19/00 G06Q50/00 G06Q50/34 G07F17/32

H04L9/32 (Advanced/Invention);

G07F17/32 (Advanced/Non-invention);

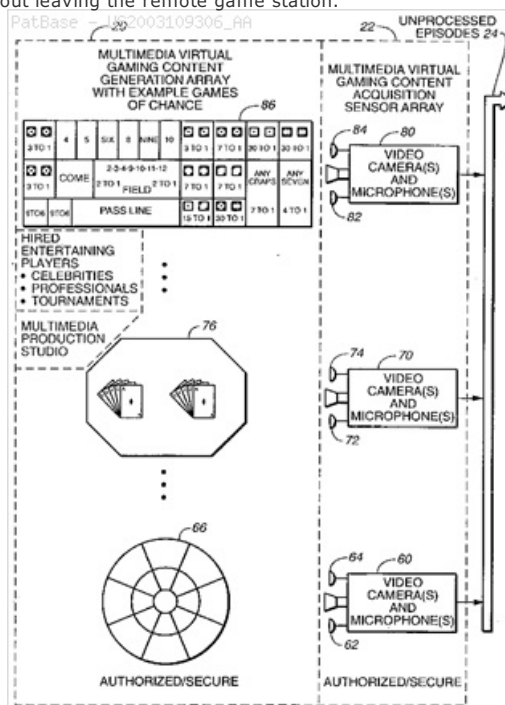
A63F9/24 G06F19/00 G07F17/32 (Core/Invention)

International (IPC 1-7): A63F13/12 G06F17/00 G06F19/00

CPC: G07F17/32 G07F17/3218 G07F17/3223

European: G07F17/32 G07F17/32C4B G07F17/32C6

US: 463/10 463/12 463/14 463/17 463/22 463/25 463/25S 463/27 463/28 463/29 463/3 463/40 463/40P 463/42 463/42P 463/6 463/9

**Family:**

Publication number	Publication date	Application number	Application date
AU200064049 A1	20010109	AU20000064049	20000619
AU200064049 A5	20010109	AU20000064049	20000619
AU761508 B2	20030605	AU20000064049	20000619
CA2377577 AA	20011217	CA20002377577	20000619
CA2377577 C	20131119	CA20002377577	20000619
EP1188140 A2	20020320	EP20000951061	20000619
IN225238 B	20081107	IN2001KN01361	20011226
US2003109306 AA	20030612	US20020264623	20021003
US2009062008 AA	20090305	US20070888372	20070802
US6508709 BA	20030121	US19990336056	19990618
US7285048 BB	20071023	US20020264623	20021003
US8123618 BB	20120228	US20070888372	20070802
WO0079467 A2	20001228	WO2000US40242	20000619
WO0079467 A3	20011227	WO2000US40242	20000619
WO0079467 B1	20020124	WO2000US40242	20000619
ZA200200377 A	20030226	ZA20020000377	20020116

Priority:

US19990336056 19990618 WO2000US40242 20000619 US20020264623 20021003
US20070888372 20070802

Probable Assignee: KARMARKAR JAYANT S

Assignee(s): (std): JAYANT S KARMARKAR ; KARMARKAR JAYANT S

Inventor(s): (std): JAYANT S KARMARKAR ; KARMARKAR JAYANT S

Agent(s): AKER MARINE CONTRACTORS AS; PEGASUS IP; BORDEN LADNER GERVAIS LLP; JAYANT S KARMARKAR

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK 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 MC MD MG MK MN MR MW MX NZ 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: PHOTO AUTOMATIC LINKING SYSTEM AND METHOD FOR ACCESSING, LINKING, AND VISUALIZING "KEY-FACE" AND/OR MULTIPLE SIMILAR **facial** IMAGES ALONG WITH ASSOCIATED ELECTRONIC DATA VIA A **facial** IMAGE **RECOGNITION** SEARCH ENGINE

Abstract: The present invention provides a system and method for input of images containing faces for accessing, linking, and or visualizing multiple similar **facial** images and associated electronic data for innovative new on-line commercialization, medical and training uses. The system uses various image capturing devices and communication devices to capture images and enter them into a **facial** image **recognition** search engine. Embedded **facial** image **recognition** techniques within the image **recognition** search engine extract **facial** images and encode the extracted **facial** images in a computer readable format. The processed **facial** images are then entered for comparison into at least one database populated with **facial** images and associated information. Once the newly captured **facial** images are matched with similar "best-fit match" **facial** images in the **facial** image **recognition** search engine's database, the "best-fit" matching images and each image's associated information are returned to the user. Additionally, the newly captured **facial** image can be automatically linked to the "best-fit" matching **facial** images, along with comparisons calculated, and/or visualized. Key new use innovations of the system include but are not limited to: input of user selected **facial** images for use finding multiple similar celebrity look-a-likes, with automatic linking that return the look-a-like celebrities' similar images, associated electronic information, and convenient opportunities to **purchase** fashion, jewelry, products and services to better mimic your celebrity look-a-likes; health monitoring and diagnostic use by conveniently organizing and superimposing periodically captured patient images for health professionals to view progress of patients; entirely new classes of semi-transparent superimposed training your face to mimic other similar faces, such as mimic celebrity look-a-like cosmetic applications, and or **facial** expressions; intuitive automatic linking of similar **facial** images for enhanced information technology in the context of enhanced and improved organization, classification, and fast retrieval objects and advantages; and an improved method of **facial** image based indexing and retrieval of information from the web-crawler or spider searched Web, USENET, and other resources to provide new types of intuitive easy to use searching, and/or combined use with current key-word searching for optimized searching.

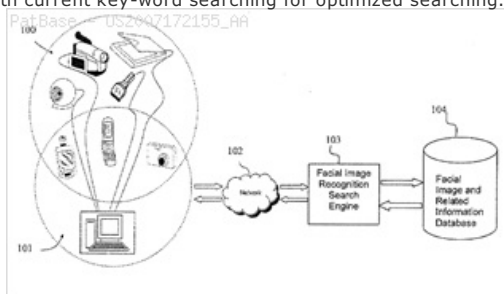
Classifications:

International (IPC 8-9): G06F17/30 G06K9/54 G06K9/68 G06T11/00 G09B19/00 G09G5/00 H04N13/02 (Advanced/Invention); G06F17/30 G06K9/54 G06K9/68 (Core/Invention)

CPC: G09B19/003 G06T11/00 G06F16/583

European: G06F17/30M1 G09B19/00E

US: 345/156 345/422 345/629 345/629S 345/633 345/633S 348/47 348/47P 348/E13.074 348/E13.074S 382/115 382/159 382/218 382/218S 382/305 382/305P 382/306 434/247 434/252 472/61 473/150 473/266 707/6 707/999.006 707/999.006S 707/E17.02 707/E17.020S 715/757



Family:

Publication number	Publication date	Application number	Application date
US2007172155 AA	20070726	US20070625181	20070119
US2012206577 AA	20120816	US20110066707	20110420
US8208764 BB	20120626	US20070625181	20070119
US8953909 BB	20150210	US20110066707	20110420

Priority:

US20060760573P 20060121 US20070625181 20070119 US20110066707 20110420

Probable Assignee: ADVANCED ANTI TERROR TECHNOLOGIES

Assignee(s): (std): GUCKENBERGER ELIZABETH ; GUCKENBERGER ELIZABETH T ; GUCKENBERGER RONALD J

Assignee(s): ADVANCED ANTI TERROR TECHNOLOGIES

Inventor(s): (std): GUCKENBERGER ELIZABETH T ; GUCKENBERGER RONALD J ; GUCKENBERGER ELIZABETH

Agent(s): BEUSSE WOLTER SANKS MORA AND MAIRE P A; BEUSSE WOLTER SANKS MORA AND MAIRE PA; TERRY M; BEUSSE WOLTER SANKS AND MAIRE PA

Title: MOTION-BASED INTERACTIVE **SHOPPING** ENVIRONMENT

Abstract: An on-screen **shopping** application which reacts to a human target user's motions to provide a **shopping** experience to the user is provided. A tracking system captures user motions and executes a **shopping** application allowing a user to manipulate an on-screen representation of the user. The on-screen representation has a likeness of the user or another individual and movements of the user in the on-screen interface allows the user to interact with virtual articles that represent real-world articles. User movements which are recognized as article manipulation or transaction control gestures are translated into commands for the **shopping** application.

Classifications:

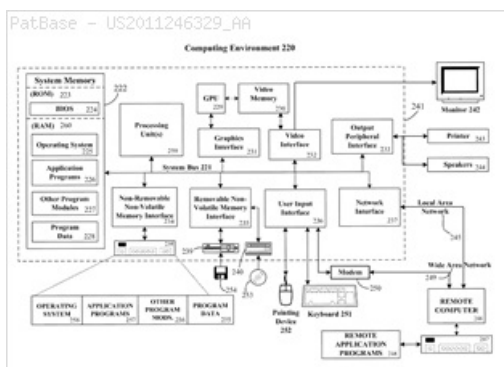
International (IPC 8-9): A63F13/213 A63F13/655 G06F3/01 G06F3/048 G06K9/00 G06K9/46 G06K9/62 G06Q30/00 G06Q30/02 G06Q30/06 G06Q50/00 G06T13/00 G06T13/40 G06T15/00 G06T17/20 G06T19/00 G06T19/20 G06T7/00 (Advanced/Invention)

CPC: G06T17/00 G06T19/20 G06T2210/16 G06T2219/2021

A63F13/213 A63F13/655 G06K9/469 G06K9/6206 A63F2300/1087 A63F2300/695 G06Q30/0643 G06F3/011 G06F3/017 G06Q30/02 G06Q30/0641 G06T15/00 G06K9/00214 G06K9/00369 G06K9/6211 G06T13/40 G06T17/20 G06T2207/10028 G06T7/344

European: G06F3/01G G06Q30/02 G06Q30/0641

US: 1/1 345/419 345/420 345/423 705/27.1 705/27.100P 715/757 715/757S



Family:

Publication number	Publication date	Application number	Application date
CN102201099 A	20110928	CN201110087429	20110331

CN104395929 A	20150304	CN201280074186	20120621
CN104395929 B	20171003	CN201280074186	20120621
CN104854623 A	20150819	CN201380040978	20130801
EP2864961 A1	20150429	EP20120879512	20120621
EP2864961 A4	20160323	EP20120879512	20120621
EP2880637 A2	20150610	EP20130745992	20130801
JP2015531098 T2	20151029	JP20150517577T	20120621
JP6018707 B2	20161102	JP20150517577T	20120621
KR101911133 B1	20181023	KR20157001597	20120621
KR20150024899 A	20150309	KR20157001597	20120621
US2011246329 AA	20111006	US20100752917	20100401
US2012299912 AA	20121129	US20120565586	20120802
US2013342527 AA	20131226	US20120585540	20120814
US9001118 BB	20150407	US20120585540	20120814
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US9646340 BB	20170509	US20120565586	20120802
WO13189058 A1	20131227	WO2012CN077303	20120621
WO14022608 A2	20140206	WO2013US53115	20130801
WO14022608 A3	20150402	WO2013US53115	20130801

Priority:

US20100752917 20100401 WO2012CN077303 20120621 US20120565586 20120802
US20120585540 20120814 WO2013US53115 20130801

Probable Assignee: MICROSOFT CORP

Assignee(s): (std): BENNETT DARREN ; CHANG ERIC ; GEISNER KEVIN A ; JONES SHERIDAN ; MICROSOFT CORP ; KAPUR JAY ; LIU YANG ; LIU ZICHENG ; KIPMAN ALEX ; MARKOVIC RELJA ; LATTI STEPHEN G ; YANG FAN ; MOLYNEAUX DAVID ; WU HSIANG TAO ; TONG XIN ; YANG EMILY ; TSUNODA KUDO ; MICROSOFT TECHNOLOGY LICENSING LLC ; MURPHY BRIAN S

Inventor(s): (std): BENNETT DARREN ; GEISNER KEVIN A ; MURPHY BRIAN S ; KIPMAN ALEX ; TSUNODA KUDO ; MARKOVIC RELJA ; LATTI STEPHEN G ; KAPUR JAY ; JONES SHERIDAN ; YANG EMILY ; LIU ZICHENG ; LIU YANG ; TONG XIN ; CHANG ERIC ; WU HSIANG TAO ; MOLYNEAUX DAVID ; YANG FAN ; KUDO TSUNODA ; DARREN BENNETT ; RELJA MARKOVIC ; ALEX KIPMAN

Agent(s): FISCHER MICHAEL MARIA; GODDARD HEINZ J; YAMAMOTO OSAMU; TAKEUCHI SHIGEO; ONO SHINJIRO; KOBAYASHI YASUSHI; BRYAN; MICKY; KATE; JUDY; ALLEMAN HALL CREASMAN AND TUTTLE LLP; SHANGHAI PATENT AND TRADEMARK LAW OFFICE LLC

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

30) Family number: 65567234 (US2017124603A)

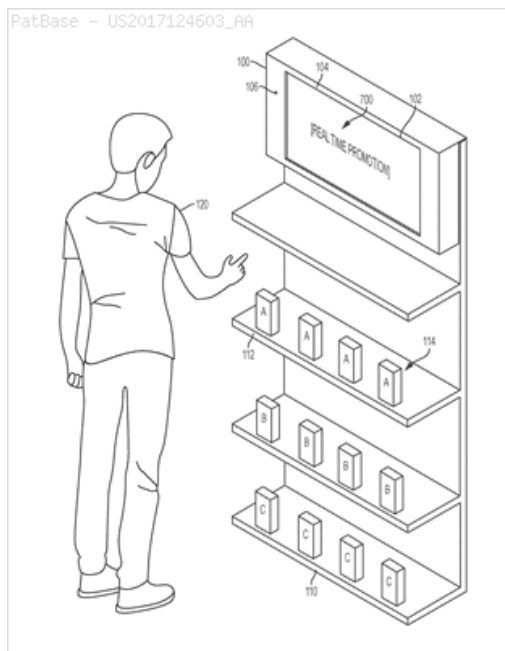
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Title: **MARKETING** DISPLAY SYSTEMS AND METHODS

Abstract: Technologies are disclosed for creating a turn-key digital signage system and network that can be installed in retail stores by brands at a dramatically reduced cost versus the current **market** while also creating as little disruption as possible for the retail store. Such technologies can enable a massively distributed digital signage network for brands to be easily deployed in a short period of time across a broad range of drugstore, grocery-store and super-store retailers. Other embodiments are also disclosed and described herein.

Classifications:

International (IPC 8-9): A47F10/00 A47F10/02 G06F3/147
G06Q30/02 G09G5/00 H04L29/08 (Advanced/Invention)
CPC: G06Q30/0277 G06F3/147 H04L67/02 H04L67/18 G06K9/00335
G06K9/00362 G09G2340/0407 G09G2370/12 G09G2370/16
H04W4/02



Family:

Publication number	Publication date	Application number	Application date
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Priority:

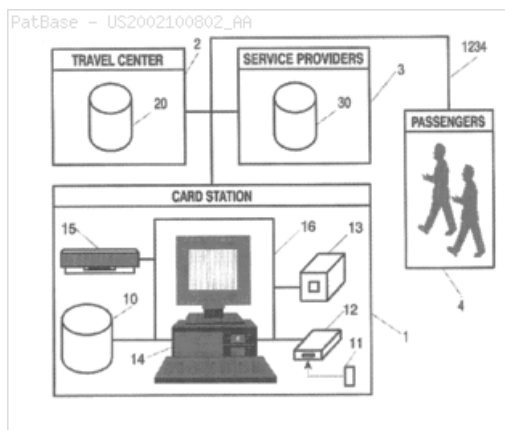
US20150249760P 20151102 US20160342055 20161102

Probable Assignee: OLSON KENNETH STANLEY**Assignee(s):** (std): OLSON KENNETH STANLEY**Inventor(s):** (std): OLSON KENNETH STANLEY**Agent(s):** VANDRAKE III VANCE V 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 DJ 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 KW 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**31) Family number: 30116383** (US2002100802A)

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Title: System and methods utilizing passport documents

Abstract: System and Methods for a plurality of passport-related applications using multi-applications passport devices for automatically compiling, issuing, and renewing a portable passport document, and for implementing of related passport services. The passport devices are realized by portable device technologies, such as, smart cards or pocket-sized computers, and have the ability to store and process the data contents of the passport document, and communicate passport information with remote databases. Biometrics identification of passport-holders, as well as cryptographic validation of passport data and information, can be encoded onto the passport devices and verified at various passport-service locations upon presentation of the passport document for utilization.

Classifications:**International (IPC 8-9):** G07F7/10 (Advanced/Invention);
G07F7/10 (Core/Invention)**International (IPC 1-7):** G06K19/06 G06K5/00 G07B15/02**CPC:** G07B15/00 G07C9/00071 G07C2209/41 G06Q10/025
G06Q10/1093 G07F7/1008 G06Q10/02 G06Q20/045 G06Q20/341
G06Q20/355 G06Q20/3576 G07C9/00896**European:** G06K14/07 G06Q10/02 G06Q10/025 G06Q10/1093
G06Q20/045 G06Q20/341 G06Q20/355 G06Q20/3576 G07B15/00
G07C9/00B6D G07F7/10D S07C209/41**US:** 235/380 235/382 235/384 235/384P 235/492 705/1.1 705/13
705/5 705/6 705/7.18 705/8 902/4**Family:**

Publication number	Publication date	Application number	Application date
US2002100802 AA	20020801	US20020090220	20020301
US2002100803 AA	20020801	US20020090230	20020301
US6085976 A	20000711	US19980083565	19980522
US6386451 BA	20020514	US20000562050	20000501
US6565000 BB	20030520	US20020090220	20020301
US6609658 BA	20030826	US20000562741	20000501
US6609659 BB	20030826	US20020090230	20020301
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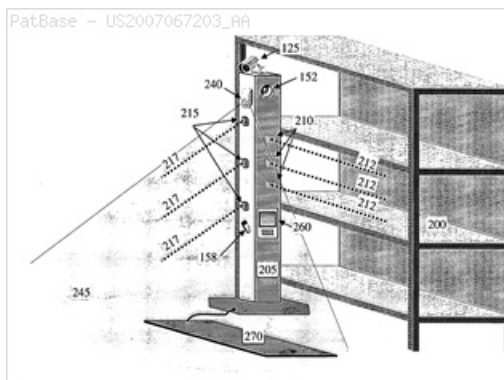
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US20000562741 20000501 US20000567578 20000510 US20020090220 20020301
US20020090230 20020301 US20030356966 20030203**Probable Assignee:** SEHR RICHARD P**Assignee(s):** (std): SEHR RICHARD P**Inventor(s):** (std): SEHR RICHARD P**32) Family number: 34330258** (US2007067203A)

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Title: SYSTEM FOR DATA COLLECTION FROM A POINT OF SALE

Abstract: Disclosed is a system for data collection from a point of sale, product display area, or point of service area, that includes a data receiving and processing center. The system is stand-alone and portable, and collects real-time data about the **customers**. Such data includes tracking the number of **customers** passing by a specific product, the average time that **customers** remain in front of the product, comparisons between the periods of time that **customers** remain in front of different products, and tracking the height and **weight** of potential **customers** in order to determine their demographic characteristics. The system utilizes different sensors, including infrared and proximity. A speech **recognition** application helps to recognize and analyze **customers'** reactions on certain products and converts speech to text. This speech **recognition** system is programmable to capture pre-defined key words rather than recording entire conversations. The system further allows on-line inventory tracking and **market** surveying.

Classifications:**International (IPC 8-9):** G06F17/30 (Advanced/Invention);
G06F17/30 (Core/Invention)**CPC:** G06Q30/02 G06Q10/087 G06Q30/0201 G06Q30/0203
G06Q30/0204**European:** G06Q10/087 G06Q10/08E G06Q30/02 G06Q30/0201
G06Q30/0203 G06Q30/0204

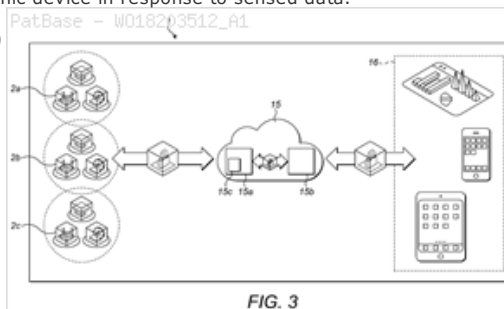


Publication number	Publication date	Application number	Application date
US2007067203 AA	20070322	US20050230884	20050921

Probable Assignee:	GIL SUKENIK
Assignee(s): (std):	GIL SUKENIK ; NADAV YEHIEL
Inventor(s): (std):	NADAV YEHIEL ; GIL SUKENIK
Agent(s):	ANGENEHM LAW FIRM LTD

Abstract: The present techniques generally relate to a method comprising: receiving, at a first resource from an electronic device, a communication comprising sensed data based on or in response to sensing user interactions at the electronic device; processing, at the first resource, the sensed data; transmitting, from the first resource to the electronic device, a first command communication to generate a sensory output at the electronic device in response to sensed data.

CPC: G07G1/0081 G07G1/0063 G09F3/204 G09G2380/04
G09F27/005 G09F3/208 G06Q30/0281 G06Q30/0633 G06Q30/02
G06Q30/0241 B62B5/0096



Publication number	Publication date	Application number	Application date
GB201707163 A0	20170621	GB20170007163	20170505
GB201716919 A0	20171129	GB20170016919	20171016
GB2562095 A1	20181107	GB20170007163	20170505
GB2562131 A1	20181107	GB20170016919	20171016
WO18203512 A1	20181108	WO20181P17088	20180426

Assignee(s): (std): ARM K K ; ARM KK
Inventor(s): (std): HARIBOL MATAYOSHI ; MATAYOSHI HARIBOL
Aqent(s): ONO MAKOTO 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 DJ 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 JO JP KE KG KH KM KN KP KR KW 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 QZ RA RS RW SA SC
SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TN TR TT TZ UA UB UG UZ VC VN ZA ZM ZW

Abstract: A system for detecting, calculating and checking presences and taxing presences in circumscribed areas based on the possession of a contactless type of card with authentication, verification and updating of the holder's data by means of preliminary processing of data relative to the photo of the holder -to be compared with data included in the card memory-, and using encryption algorithms with a SIM resident key, comprising: i- a recharge system, **purchasing** credit for contactless cards with authentication, verification and updating of card data using encryption algorithms with a SIM resident key; ii- service access based on a contactless card that memorises the authorisation purpose; iii- telecameras,

microprocessors and transceivers that use antennas installed inside such circumscribed areas to process acquired data and execute transactions with these cards.

Classifications:

International (IPC 8-9): G06F17/30 G06K9/00 G07C9/00 G07F7/10 (Advanced/Invention);
G06F17/30 G06K9/00 G07C9/00 G07F7/10 (Core/Invention)
CPC: G06K9/00288 G06Q20/40145 G07C9/00087 G07F7/1008 G07F17/0014
European: G06K9/00F3 G06Q20/40145 G07C9/00B6D4 G07F17/00C G07F7/00C G07F7/10D

