

Carlos Guevara

Search history

Search TAC=(parking camera printer card plate rfid ticket) (Results 0)
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Search TAC=(park* and camera* and printer* card and plate* and rfid and ticket*) (Results 0)
2:

Search park* and camera* and printer* and card and plate* and rfid and ticket* (Results 1)
3:

Search TAC=(park* and camera* and printer* card and plate* and rfid and ticket*) (Results 0)
4:

Search park* and camera* and printer* and plate* and rfid (Results 5)
5:

Search [SP]: hand-held device for parking meter enforcement the present invention provides a hand-held violation ticket issuing device which incorporates a digital camera so that the ticket can be printed with an image of the vehicle license plate and the expired meter and/or expired parking receipt or other evidence of a violation. (Results 102)
6:

Search PN=(US20060043176) (Results 1)
7:

Search [SP]: method and apparatus for public street parking using rf and rfid technology method and apparatus for monitoring and regulating public street parking using rf and rfid technology including: tracking expired parking tickets and illegally parked vehicles and identifying parked vehicles using parking ticket from another location. the apparatus includes a central server coupled to parking enforcement, edi, one or more kiosks, and a plurality of portable or mobile rfid transceivers. each kiosk includes a controller, rfid transceiver, printer, card reader, cash acceptor, camera, connection to sensor lan, connection to rfid transceiver lan, connection to edi, connection to central server, cash return mechanism, and parking violation mechanism. the apparatus uses a plurality of rfid parking tickets, with each ticket having a unique rfid tag or chip. users acquire and pay for the rfid parking tickets using the kiosks and place the rfid tickets on their cars while parked. the central server manages authentication and monitoring of the issued parking tickets using the rfid transceivers and cameras. the central server can contact a parking enforcement officer when a parking violation is detected. (Results 87)
8:

Search 8 and rfid (Results 28)
9:

Search 9 and camera (Results 5)
10:

Search 9 and camera^ (Results 5)
11:

Search 9 and camera* (Results 5)
12:

Search [SP]: 1. a method of regulating a plurality of parking spaces at a designated parking location, comprising: issuing an rfid parking ticket for parking a vehicle in a first parking space of the plurality of parking spaces at the designated parking location, the rfid parking ticket having a corresponding time of expiration and a corresponding parking space identifier sensing that the vehicle is parked in a second parking space of the plurality of parking spaces interrogating the rfid parking ticket in order to determine the time of expiration and the parking space identifier notifying a central server of a parking violation when the time of expiration indicates that the rfid parking ticket has expired and notifying the central server of a parking violation when the parking space identifier does not correspond to the second parking space of the plurality of parking spaces. 2. the method of claim 1, wherein the method is implemented by a kiosk deployed in a publicly accessible area. 3. the method of claim 1, wherein interrogating the rfid parking ticket is implemented by a fixed rfid transceiver. 4. the method of claim 1, wherein interrogating the rfid parking ticket is implemented by a mobile rfid transceiver. 5. the method of claim 1, further comprising accepting a payment for the rfid parking ticket. 6. the method of claim 5, wherein payment is accepted in a payment type selected from the group including a debit card, a credit card, or cash. 7. the method of claim 1, further comprising dispatching a parking enforcement officer to the location associated with the parking violation. 8. the method of claim 1, further comprising: sensing that another vehicle is parked in a parking space and notifying the central server if the other vehicle is not associated with an unexpired rfid parking ticket. 9. the method of claim 1, wherein sensing that the vehicle is parked in the second parking space of the plurality of parking spaces further includes using a camera to sense the presence of the vehicle. 10. the method of claim 1, wherein sensing that the vehicle is parked in the second parking space of the plurality of parking spaces further includes using a parked vehicle sensor to sense the presence of the vehicle. 11. the method of claim 1, further comprising receiving payment for a parking violation if it is determined that the rfid parking ticket has expired. 12. an apparatus for regulating a plurality of parking spaces in a designated parking location using rfid parking tickets, the rfid parking tickets having a corresponding time of expiration and a corresponding parking space identifier, comprising: a parked vehicle sensor to determine when a vehicle is parked in a parking space of the plurality of parking spaces an rfid transceiver adapted to interrogate an issued rfid parking ticket associated with the vehicle parked in the parking space in order to determine an expired rfid parking ticket using the corresponding time of expiration and determine a reused rfid parking ticket from another parking space of the plurality of parking spaces using the parking space identifier and a connection to a central server adapted to notify the central server of the determination of the expired rfid parking ticket and of the reused rfid parking ticket. 13. the apparatus of claim 12, wherein the apparatus is a kiosk deployed in a publicly accessible area. 14. the apparatus of claim 13, wherein the rfid transceiver is fixed. 15. the apparatus of claim 12, wherein the rfid transceiver is mobile. 16. the apparatus of claim 12, further comprising a payment acceptor adapted to accept payment for the rfid parking tickets. 17. the apparatus of claim 16, wherein payment is accepted in a payment type selected from the group including a debit card, a credit card, or cash. 18. the apparatus of claim 12, wherein the connection to the central server is further adapted to notify the central server if the sensed vehicle is not associated with an rfid parking ticket. 19. the apparatus of claim 12, wherein the parked vehicle sensor is selected from a group including a camera, a proximity sensor and an optical sensor. 20. the apparatus of claim 12, further comprising a payment acceptor adapted to accept payment for receiving payment for a parking violation. (Results 87)
13:

Search 13 and camera (Results 16)
14:

Search 14 and rfid (Results 5)
15:

Search parking and camera* and rfid and plate* (Results 68)
16:

Search 16 and surveillance (Results 9)
17:

Search 16 and surveillance (Results 9)
18:

Search 68 and bill* (Results 8991)
19:

Search 16 and bill* (Results 11)
20:

Title: METHOD AND SYSTEM FOR MANAGING USER ACTIVITIES AND INFORMATION USING A CUSTOMIZED COMPUTER INTERFACE

Abstract: Source: US2002097277A Methods and systems for managing user information using a customized computer interface which is user centric and geared toward creating and managing a personal information portal. In one aspect, the invention provides computerized methods for organizing a representation of user activities and information and navigating through an information management system that utilizes the representation.

Classifications:

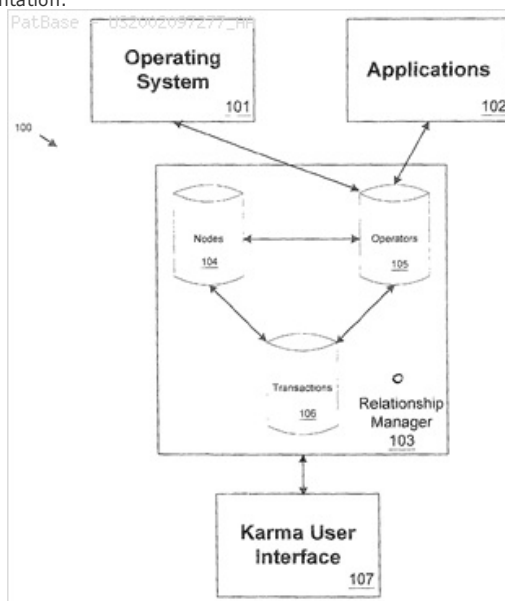
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International (IPC 1-7): G06F12/00 G06F15/02 G06F17/30 G06F17/60 G06F3/00 G06F3/14 G06K17/00

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Family:

Publication number	Publication date	Application number	Application date
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Priority:

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Probable Assignee: MASTERCARD MOBILE TRANSACTIONS SOLUTIONS INC

Assignee(s): (std): BALLARD BARBARA ELAINE ; BHARATHUR RAGHU ; C SAM INC ; DESAI MEHUL ; MANIAR NEHAL ; MASTERCARD MOBILE TRANSACTION SOLUTIONS INC ; PITRODA SATYAN G ; WELSH AND KATZ LTD ; MASTERCARD MOBILE TRANSACTIONS SOLUTIONS INC ; PITRODA SATYAN

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Agent(s): MBM INTELLECTUAL PROPERTY LAW LLP ; SMART AND BIGGAR ; NAISMITH ROBERT STEWART ET AL ; SMALL GARY JAMES ; RANKIN DOUGLAS ; FINDLAY ALICE ROSEMARY ; KIMURA TAKAHISA ; STRATEGIC PATENTS PC ; WELSH AND KATZ LTD ; HUSCH BLACKWELL LLP ; GTC LAW GROUP AND AFFILIATES ; GTC LAW GROUP LLP AND AFFILIATES ; GTC LAW GROUP PC AND AFFILIATES ; AMBROZIAK JEFFREY

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 YU ZA ZM ZW

Title: GAMING DEVICE HAVING A THREE DIMENSIONAL DISPLAY DEVICE

Abstract: Source: US2004029636A A wagering gaming device having a three-dimensional display device which includes a plurality display screens. The display screens display three dimensional images having an height, actual width and depth.

Classifications:

International (ipc 8-9): A63F1/00 A63F11/00 A63F13/00 A63F13/02 A63F13/06 A63F13/08 A63F13/12 A63F13/211 A63F13/2145 A63F13/428 A63F9/00 A63F9/24 G06F17/00 G06F19/00 G06F3/00 G06F3/01 G06F3/0346 G06F3/041 G06F3/043 G06F3/044 G06F3/045 G06F3/048 G06F3/0488 G07F17/32 G07F17/34 G09G5/00 G10L17/00 H04N13/00 (Advanced/Invention); A63F13/10 A63F13/211 A63F13/2145 A63F9/00 G02B27/22 G02F1/13 G02F1/1347 G09G5/00 H04N13/00 (Advanced/Non-invention); A63F11/00 A63F13/00 A63F13/12 A63F9/24 G06F17/00 G06F3/00 G06F3/01 G06F3/041 G06F3/048 G07F17/32 G10L17/00 H04N13/00 (Core/Invention); H04N13/00 (Core/Non-invention)

International (ipc 1-7): A63F13/00 A63F9/24 G06F161/00 G06F19/00 G07F17/32

CPC: G07F17/3223 G07F17/3293 H04N13/0495 G06F3/0436 G06F3/046 G07F17/3232 G07F17/3251 A63F5/04 A63F2009/2435 A63F2009/2488 G07F17/3213 A63F3/00157 A63F9/00 G07F17/3206 G07F17/3237 G07F17/3216 G07F17/3258 G07F17/3267 G07F17/3202 G07F17/3211 G07F17/3276 G07F17/34 A63F2300/1006 G06F3/013 G06F3/0346 G07F17/3218 G10L17/00 G07F17/322 G07F17/3241 A63F2300/1075 G06F3/043 G06F3/0488 G06F3/04883 G06F3/04886 G06F2203/04106 G06F2203/04808 G07F17/3239 G06F3/017 G07F17/3209 G07F17/3244 G07F17/3225 G07F17/32 G07F17/3288 G06F3/0416 G06F3/044 A63F13/211 A63F13/2145 A63F13/428 A63F2300/1087

European: A63F3/00A32 A63F5/04 A63F9/00 G06F3/00B8E G06F3/01B4 G06F3/01G G06F3/041T G06F3/043 G06F3/043R G06F3/044 G06F3/046 G06F3/0488 G06F3/0488T G07F17/32 G07F17/32C G07F17/32C2B G07F17/32C2D G07F17/32C2F G07F17/32C2F2 G07F17/32C4 G07F17/32C4B G07F17/32C4D G07F17/32C6 G07F17/32E6 G07F17/32E6D G07F17/32E6D2 G07F17/32H G07F17/32K12 G07F17/32K6 G07F17/32M4 G07F17/32M8D G07F17/32P2 G07F17/32P6 G07F17/34 G10L17/00U K63F300/10T1 K63F9/24N3B K63F9/24S2 S06F203/04808 T04N13/04V5

US: 1/1 178/18.01 178/18.03 178/18.030S 178/18.04 178/18.04P 273/138.2 273/149R 273/237 273/274 273/292 273/309 273/309P 345/1.1 345/156 345/157 345/158 345/173 345/173S 345/174 345/174P 345/175 345/177 345/177P 348/E13.057 348/E13.057S 349/73 351/210 463/1 463/11 463/12 463/13 463/13P 463/16 463/16P 463/17 463/1P 463/20 463/20P 463/22 463/22P 463/25 463/25P 463/25S 463/27 463/29 463/29P 463/30 463/30P 463/30S 463/31 463/31P 463/32 463/32P 463/33 463/34 463/36 463/36P 463/37 463/37P 463/39 463/40 463/40S 463/42 463/42P 463/42S 463/43 463/46 463/46S 704/E17.003 704/E17.003S

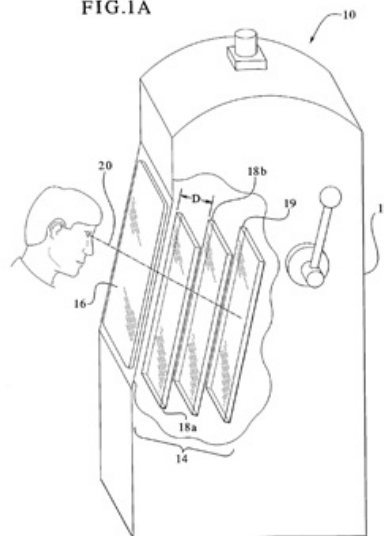
Family:

Publication number	Publication date	Application number	Application date
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AU2003227286 BB	20070118	AU20030227286	20030729
AU2003227286 CA	20100211	AU20030227286	20030729
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CN1969301 A	20070523	CN200580020194	20050617
EP2062232 A2	20090527	EP20070814629	20070831
GB200625344 A0	20070207	GB20060025344	20050617
GB2429564 A1	20070228	GB20060025344	20050617
GB2429564 B2	20090128	GB20060025344	20050617
US2004029636 AA	20040212	US20020213626	20020806
US2005255908 AA	20051117	US20050167655	20050627
US2005282603 AA	20051222	US20040871068	20040618
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US2009124321 AA	20090514	US20070983467	20071109
US2009124379 AA	20090514	US20070938179	20071109
US2009124383 AA	20090514	US20070938031	20071109
US2009131134 AA	20090521	US20080267207	20081107

PatBase - US2004029636_A1

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FIG.1A



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Priority:

AU20030227286	20030729	US20020213626	20020806	US20040755598	20040112
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Probable Assignee: IGT

Assignee(s): (std): BAERLOCHER ANTHONY J ; BURRILL NEVIN A ; CAMPBELL KIMBERLY M ; CHAMPAGNE CHRISTIAAN R ; DAVIS DWAYNE ; DAVIS DWAYNE A ; HUA DUNG K ; GUM KEVIN ; GRISWOLD CHAUNCEY ; GRISWOLD CHAN ; GADDA CHRIS ; GRISWOLD CHAUNCEY W ; HEDRICK JOSEPH RANDY ; HARRIS ROGER WILLIAM ; ENNIS DAMIEN C ; GADDA CHRISTIAN E ; ELIAS HANS ; IGT RENO NEV ; PARROTT GREG ; NGUYEN BINH T ; PAULSEN CRAIG A ; NGUYEN BINH ; MATTICE HAROLD E ; STOCKDALE JAMES ; WELLS WILLIAM ; KHAMIS MICHAEL P ; PALMER DAVID ; MYERS DAVID ; STOCKDALE JAMES W ; SCHNEIDER RICHARD J ; ROWE RICHARD E ; MYERS DAVID N ; PLEASANT DARRYL ; MCPHAIL GAVIN ; PANKAS STEVEN M ; MEZA EDUARDO SAMUEL ; MOSER TIMOTHY W ; WELLS WILLIAM R ; PALMER DAVID M ; ROWE RICHARD ; WILDER RICHARD ; WOLF BRYAN D ; WILDER RICHARD L

Assignee(s): IGT

Inventor(s): (std): GRISWOLD CHAUNCEY W ; GRISWOLD CHAUNCEY ; GUM KEVIN ; HUA DUNG K ; KEVIN GUM ; NGUYEN BINH T ; PARROTT GREG ; CHAUNCEY GRISWOLD ; BINH NGUYEN ; PARROTT GREG NGUYEN BINH T PAU ; WILDER RICHARD L ; WILDER RICHARD ; WELLS WILLIAM R ; WELLS WILLIAM ; STOCKDALE JAMES W ; STOCKDALE JAMES ; SCHNEIDER RICHARD J ; ROWE RICHARD E ; PLEASANT DARRYL ; PANKAS STEVEN M ; PALMER DAVID M ; PALMER DAVID ; NGUYEN BINH ; MYERS DAVID N ; MYERS DAVID ; MOSER TIMOTHY W ; MEZA EDUARDO SAMUEL ; MCPHAIL GAVIN ; MATTICE HAROLD E ; MATTICE HAROLD ; KHAMIS MICHAEL P ; GRISWOLD CHAUNCEY W ; GRISWOLD CHAN ; GADDA CHRISTIAN E ; GADDA CHRIS ; ENNIS DAMIEN C ; ELIAS HANS ; DAVIS DWAYNE A ; DAVIS DWAYNE ; PAULSEN CRAIG A ; ROWE RICHARD ; WOLF BRYAN D ; CHAMPAGNE CHRISTIAAN R ; CAMPBELL KIMBERLY M ; BURRILL NEVIN A ; BAERLOCHER ANTHONY J ; HEDRICK JOSEPH RANDY ; HARRIS ROGER WILLIAM

Inventor(s): HAROLD E MATTICE ; WILLIAM WELLS ; WILLIAM R WELLS ; CHRISTIAN E GADDA ; CHAUNCEY W GRISWOLD ; JAMES W STOCKDALE ; RICHARD L WILDER ; PARROTT GREG NGUYEN BINH T PAULSEN CRAIG A HUA DUN ; BINH T NGUYEN ; CRAIG A PAULSEN ; DUNG K HUA ; GREG PARROTT ; PARROTT GREG NGUYEN BINH T

Agent(s): PHILLIPS ORMONDE FITZPATRICK; SMART AND BIGGAR; BROWNE ROBIN FORSYTHE ET AL; BELL BOYD AND LLOYD LLC; BEYER WEAVER AND THOMAS LLP; BEYER WEAVER LLP; WEAVER AUSTIN VILLENEUVE AND SAMPSON LLP - IGT,ATTN: IGT; WEAVER AUSTIN VILLENEUVE AND SAMPSON LLP IGT ATTN IGT; ROBERT B REESER III IGT 26668 ARMSTRONG TEASDALE LLP; K AND L GATES LLP; WEAVER AUSTIN VILLENEUVE AND SAMPSON LLP; ARMSTRONG TEASDALE LLP IGT 26668 ROBERT B REESER III; NEAL GERBER AND EISENBERG LLP; FOLEY AND LARDNER LLP; NEAL GERBER EISENBERG LLP; NEAL GERBERG AND EISENBERG LLP; WOLF DEAN E ET AL; PLUT WILLIAM J ET AL; MIKHAIL PETER G ET AL; OLYNICK DAVID P ET AL; REESER ROBERT B III ET AL

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

Title: SYSTEM FOR TRACKING SUSPICIOUS VEHICULAR ACTIVITY

Abstract: Source: US2005270178A A system for monitoring and tracking vehicles in **parking** locations, public roadways and highway entrances and exits and other public vehicle access areas is provided, such as to monitor and track vehicles in **parking** spaces, public roadways and highways without the need for **parking** or traffic personnel. The system includes a meter system that generates image data of a vehicle in a **parking** space, public roadway and highway entrances and exits such as by creating an array of pixel data in a predetermined field of view that includes a vehicle identification tag and facial imaging. An enforcement and tracking system receives the image data and generates a vehicle license number, vehicle tag identification number and facial image from the image data, such as by analyzing the image data to identify the vehicle license number, vehicle tag identification number and facial image based on the expected location of the license tag, identification tag and field of view image data characteristics of the license tag, facial image or other suitable data. From the image data acquired, monitoring of **parking** spaces is performed and violation citations or notices are generated for errant vehicles in **parking** locations as well as notification to law enforcement and homeland security agencies of vehicles and facial images identified as being on a watch list.

Classifications:

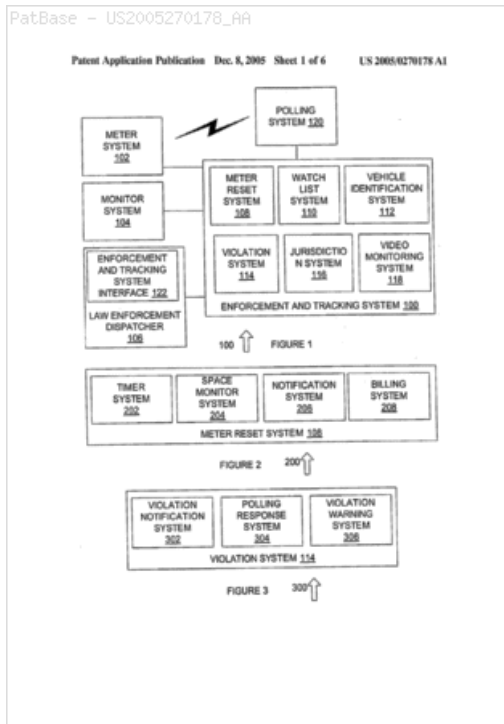
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International (IPC 1-7): B60Q1/48

CPC: G06Q10/00 G06Q50/30 G06Q20/40 G07B15/00 G08G1/207

European: G06Q20/40 G07B15/00 G08G1/20C

US: 235/384 340/425.5 340/5.83 340/928 340/932.2 340/932.200P 348/149 348/149P 348/E7.085 348/E70.85S 382/104 382/105 382/118 705/1.1 705/1.100S 705/13 705/13S 705/44 705/44P

**Family:**

Publication number	Publication date	Application number	Application date
US2005270178 AA	20051208	US20050156380	20050616
US2008231470 AA	20080925	US20080131443	20080602
US2010332394 AA	20101230	US20100875923	20100903
US2012147190 AA	20120614	US20110327626	20111215
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US2017308816 AA	20171026	US20170648365	20170712
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US7382277 C1	20160406	US20050156380	20050616
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US8120513 BB	20120221	US20100875923	20100903
US8937559 BB	20150120	US20110327626	20111215
US9734462 BB	20170815	US20120679854	20121116

Priority:

US20030319939P	20030212	US20030419414	20030421	US20050156380	20050616
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US20120679854	20121116	US20170648365	20170712		

Probable Assignee: AVIGILON PATENT HOLDING 1 CORP

Assignee(s): (std): AVIGILON PATENT HOLDING 1 CORP ; EDWARD D IOLI TRUST ; IOLI EDWARD D

Assignee(s): IOLI TRUST EDWARD D ; 9051147 CANADA INC

Inventor(s): (std): IOLI EDWARD D

Inventor(s): IOLI TRUST EDWARD D ; IOLI EDWARD

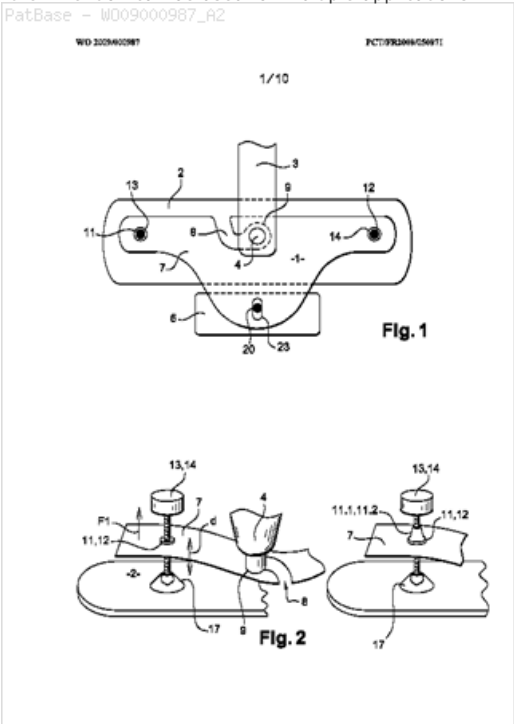
Agent(s): MR CHRISTOPHER JOHN ROURK GODWIN GRUBER LLP; MR CHRISTOPHER JOHN ROURK JACKSON WALKER LLP; JACKSON WALKER LLP; CHRISTOPHER J; BAKER AND HOSTETLER LLP

Title: UNIVERSAL FASTENER FOR ANY TYPE OF APPLICATION AND SYSTEM, INCLUDING A NAVIGATION SCREEN OR APPARATUS SUCH AS A MOBILE TELEPHONE TO AN INTERNAL REAR-VIEW MIRROR

Abstract: The invention relates to a universal fastener (1) for a navigation apparatus or screen or a mobile telephone to any internal rear-view mirror (2) of an automobile. The universal fastener (1) has a cloth-hanger hook-shaped cut-out (8) to be inserted about the ball-connection axis (4) of the rear-view mirror to the windscreen. Preferably, the fixation further includes counter-acting means bearing on the back of the rear-view mirror (2) an applying on the fixation a flexure force for connecting it to the rear-view mirror (2). The universal fastener (1) of the invention can be used for multiple applications.

Classifications:

International (IPC 8-9): B60R1/04 B60R1/12 B60R11/00 B60R11/02
G01C21/26 (Advanced/Invention);
B60R1/02 B60R1/12 B60R11/00 B60R11/02
G01C21/26 (Core/Invention)
International (IPC 1-7): B60R1/12
CPC: B60R1/12 B60R11/0235 B60R11/0258 B60R2001/1284
B60R2011/0033
European: B60R1/12 B60R11/02E2 B60R11/02K L60R1/12L
L60R11/00P1P



Family:

Publication number	Publication date	Application number	Application date
CN101790471 A	20100728	CN200880104058	20080520
EP2152547 A2	20100217	EP20080805817	20080520
FR2910862 A1	20080704	FR20070055495	20070606
FR2910862 B1	20100312	FR20070055495	20070606
IN08287DN2009 A	20100716	IN2009DN08287	20091218
WO09000987 A2	20081231	WO2008FR50871	20080520
WO09000987 A3	20090219	WO2008FR50871	20080520

Priority:

FR20070055495 20070606 WO2008FR50871 20080520

Probable Assignee: JODON DE VILLEROCHÉ GERARD

Assignee(s): (std): JODON DE VILLEROCHÉ GERARD

Assignee(s): GERARD JODON DE VILLEROCHÉ

Inventor(s): (std): GERARD JODON DE VILLEROCHÉ ; JODON DE VILLEROCHÉ GERARD

Agent(s): MARCONNET SEBASTIEN; CABINET SCHMIT CHRETIEN; SCHMIT - CHRETIEN - SCHIHIN

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

Title: SYSTEM AND METHOD FOR IMPROVED ELECTRIC CARS AND/OR ELECTRIC CAR BATTERIES AND/OR IMPROVED INFRASTRUCTURES FOR RECHARGING ELECTRIC CARS

Abstract: Source: CA2648972A The present invention enables improved and more efficient recharging of electric cars, preferably by using improved batteries and/or improved recharger arrangements in electric cars and/or in infrastructures that are used for recharging electric cars, and/or other improvements in the infrastructures, while preferably also protecting the electric grid from overload. This is preferably done for example by accumulating energy in service stations for example in special preferably high speed capacitors, such as for example one or more super capacitors, and/or for example one or more molten salt accumulators and/or for example in the new M1 batteries developed by A123 Systems or similar batteries or other fast batteries which can be recharged for example to 80 percent capacity within 5 minutes, or for example the similar fast new batteries by Toshiba or for example the BYD Iron Phosphate batteries or for example the Altair Nanotechnologies Nanosafe battery, so that preferably these accumulators can be used for example to recharge cars with M1 batteries or similar fast-recharge batteries, since otherwise the service station would need to have a huge capacity power supply to enable such fast recharges. Other covered variations include for example efficient methods of recharging the batteries preferably serially, either in the service station (based on a model of fast replacement of batteries at the service station), preferably after automatically sorting the batteries into more or less homogenous groups, or in the car itself for example by automatically rerouting the batteries or some of them or elements in them during recharge so that they are recharged more serially than during the normal operation of the car, thus enabling recharge with less rechargers and/or at higher voltages and with less current and less problems of heat during recharge. Other described improvements include for example a system wherein when recharging the electric cars, for example rechargers and/or for example one or more central computers for example in the electric grid company and/or in the service provider take into account also car-specific parameters in order to optimize the recharging priorities, for example based on the state of their batteries and/or for example also based on additional parameters and/or heuristics and/or statistics and/or for example automatic repeated identification of cars based for example on a unique preferably digital ID number, so that for example the system can take into account also various regular and/or historical car-specific parameters and/or patterns and/or statistics, such as for example typical arrival and departure times, typical distances traveled, specific needs based on week days, etc. Other features include for example a system and method for alerting users when a parking and/or recharging post becomes available and/or reserving the same in advance. Other features include for example various improvements in the electric cars themselves.

Classifications:**International (IPC 8-9):** B60L11/18 H01M10/42 H01M10/44

H02J7/00 (Advanced/Invention);

B60L11/18 H01M10/42 H02J7/00 (Core/Invention)

CPC: B60L11/1874 B60L3/0046 B60L11/1818 B60L11/1822 B60L11/1825 B60L11/1838 B60L11/184 B60L11/1842 B60L11/1844 B60L11/1846 B60L11/1848 B60L11/185 B60L11/1875 B60L2230/16 B60L2250/10 B60L2270/36 Y02E60/721 Y02T10/7005 Y02T10/705 Y02T90/121 Y02T90/124 Y02T90/128 Y02T90/14 Y02T90/163 Y02T90/169 Y04S10/126 Y04S30/14 B60L2200/26 Y02T10/7088

European: B60L11/18L4A B60L11/18L6 B60L11/18L7A B60L11/18L7J B60L11/18L7J10 B60L11/18L7J12 B60L11/18L7J2 B60L11/18L7J4 B60L11/18L7J6 B60L11/18L7J8 B60L11/18M34D B60L11/18M34F B60L3/00F6 L60L230/16 L60L250/10 L60L270/36 Y02E60/72B Y02T10/70B Y02T10/70H4 Y02T10/70J4 Y02T90/12B Y02T90/12F Y02T90/12L Y02T90/14 Y02T90/16D Y02T90/16F4 Y04S10/12D Y04S30/14

**Family:**

Publication number	Publication date	Application number	Application date
CA2648972 AA	20090624	CA20082648972	20081224

Priority:

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Probable Assignee:

GADASSI HAIM

Assignee(s): (std):

GADASSI HAIM ; MAYER YARON

Inventor(s): (std):

GADASSI HAIM ; MAYER YARON

Title: SYSTEM AND METHOD FOR IMPROVED ELECTRIC CARS AND/OR ELECTRIC CAR BATTERIES AND/OR IMPROVED INFRASTRUCTURES FOR RECHARGING ELECTRIC CARS.

Abstract: Source: AU2008264146A 23/12/08 Yaron Mayer and Haim Gadassi 1/1 System and method for improved electric cars and/or electric car batteries and/or improved infrastructures for recharging electric cars. ABSTRACT The present invention enables improved and more efficient recharging of electric cars, preferably by using improved batteries and/or improved recharger arrangements in electric cars and/or in infrastructures that are used for recharging electric cars, and/or other improvements in the infrastructures, while preferably also protecting the electric grid from overload. This is preferably done for example by accumulating energy in service stations for example in special preferably high speed capacitors, such as for example one or more super capacitors, and/or for example one or more molten salt accumulators and/or for example in the new M1 batteries developed by A123 Systems or similar batteries or other fast batteries which can be recharged for example to 80 percent capacity within 5 minutes, or for example the similar fast new batteries by Toshiba or for example the BYD Iron Phosphate batteries or for example the Altair Nanotechnologies Nanosafe battery, so that preferably these accumulators can be used for example to recharge cars with M1 batteries or similar fast-recharge batteries, since otherwise the service station would need to have a huge capacity power supply to enable such fast recharges. Other covered variations include for example efficient methods of recharging the batteries preferably serially, either in the service station (based on a model of fast replacement of batteries at the service station), preferably after automatically sorting the batteries into more or less homogenous groups, or in the car itself for example by automatically rerouting the batteries or some of them or elements in them during recharge so that they are recharged more serially than during the normal operation of the car, thus enabling recharge with less rechargers and/or at higher voltages and with less current and less problems of heat during recharge. Other described improvements include for example a system wherein when recharging the electric cars, for example rechargers and/or for example one or more central computers for example in the electrical grid company and/or in the service provider take into account also car-specific parameters in order to optimize the recharging priorities, for example based on the state of their batteries and/or for example also based on additional parameters and/or heuristics and/or statistics and/or for example automatic repeated identification of cars based for example on a unique preferably digital ID number, so that for example the system can take into account also various regular and/or historical car specific parameters and/or patterns and/or statistics, such as for example typical arrival and departure times, typical distances traveled, specific needs based on week days, etc. Other features include for example a system and method for alerting users when a **parking** and/or recharging post becomes available and/or reserving them in advance. Other features include for example various improvements in the electric cars themselves. 23/12/08 Yaron Mayer and Haim Gadassi 2/3 Fig. 3 3.1 - Electric Car arrives for recharge service 3.2 - The empty batteries are quickly removed and 4 replaced with recharged batteries 3.3 - The removed empty batteries are quickly examined in order to check if there are batteries which are already at the end of their life or otherwise damaged, and in order to sort them into more or less homogenous groups 3.4 - if the car is not in a battery insurance plan the user has to pay something for the problematic battery or batteries 3.5 - Car leaves 3.6 - The removed empty batteries are automatically sorted into more or less homogenous groups according to various parameters and are moved to the group serial recharger preferably with the help of conveyor belts 3.7 - The empty batteries are recharged preferably at night - preferably serially within each group, and multiple groups are recharged in parallel at the same time 3.8 - When a new set of recharged batteries is requested the system preferably automatically picks up a mix from various groups in order to create a heterogeneous set

Classifications:

International (IPC 8-9): B60L9/00 H01M10/44 H02J15/00 H02J3/28

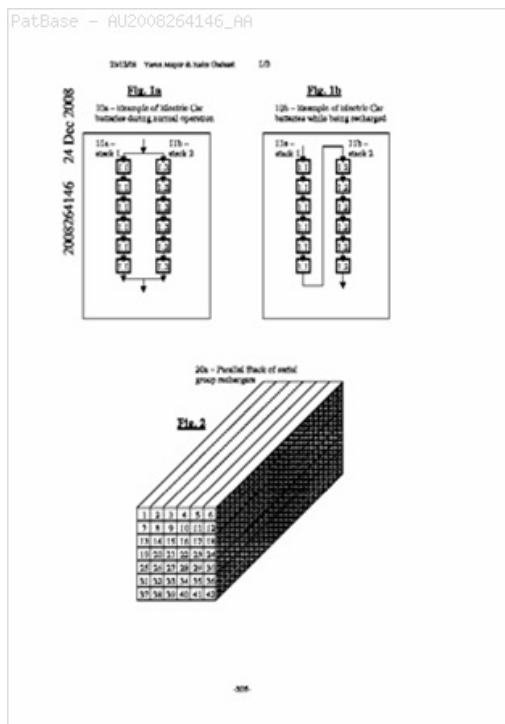
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B60L9/00 H01M10/42 H02J15/00 H02J3/28 H02J3/46

H02J7/00 (Core/Invention)

CPC: Y02T10/7005

European: Y02E60/12



Family:

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AU2008264146 AA	20090709	AU20080264146	20081224

Priority:

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Assignee(s): (std):	GADASSI HAIM ; MAYER YARON
Assignee(s):	MAYER YARON MR ; YARON MAYER ; HAIM GADASSI
Inventor(s): (std):	MAYER YARON ; GADASSI HAIM
Inventor(s):	YARON MAYER ; HAIM GADASSI
Agent(s):	MAYER YARON MR

Title: FACILITATING MOBILE DEVICE PAYMENTS USING PRODUCT CODE SCANNING

Abstract: Source: US2012006891A 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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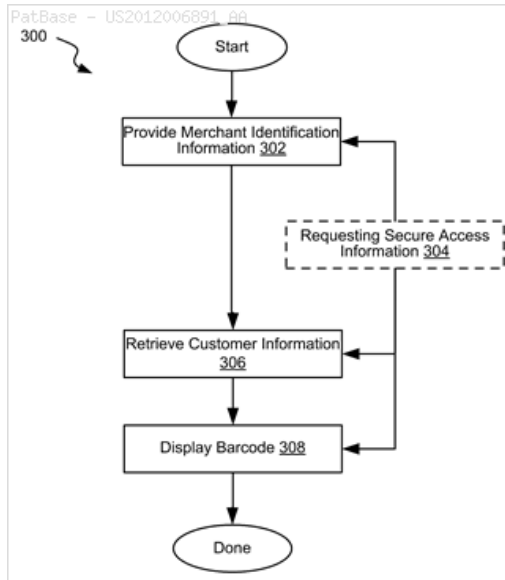
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G06F15/16 (Core/Invention)

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244/23A 244/4A 244/7A 258/1.2 340/425.5 345/156 345/173 345/175 345/8 348/148 370/329 370/331 382/124 455/41.3
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Locarno class: 12/07 14/02



Family:

Publication number	Publication date	Application number	Application date
CN104781841 A	20150715	CN201380059362	20130830
CN104995545 A	20151021	CN201480006541	20140128
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Probable Assignee: AMOBILEPAY INC

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

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

Inventor(s): (std): XI MARY M Z ; ZHOU TIGER T G ; ZHOU DYLAN T X ; ZHOU ANDREW H B ; DYLAN ZHOU ; ZHOU TIGER

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MARTIN ; CHENG WESLEY ; XING ZHOU TIAN ; ZHOU DYLAN TX

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

Agent(s): TEALL CHARLOTTE; TRAN AND ASSOCIATES; PATENT JURIST; GEORGIY L;
WWWNIELSENPATENTSCOM; STEVEN A

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
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Title: METHODS AND SYSTEMS TO ADVERTISE AND SELL PRODUCTS OR SERVICES VIA CLOUD GAMING ENVIRONMENTS

Abstract: Source: US2012059699A Provided is a method for advertising and retailing products and services in cloud gaming environments. A game provider may configure its cloud gaming environment to display third party advertisement before, during, or after the game. The advertisement may be in the form of timeout screens, banners, gaming objects, prizes, and other forms associated with typical cloud gaming environments. Third party advertisers benefit from additional advertisement exposure in these cloud gaming environments, which tend to be dynamic and interactive, and target new audience. Advertisement interaction levels may be measure to determine effectiveness and, for example, to collect certain fees from advertisers. An interaction level of interaction may be determined based on a number of clicks on advertisement objects, duration of exposure to the advertisement, a number of players, and various other factors. Game providers may modify their cloud gaming environments to improve these interaction levels and, as a result, collect more.

Classifications:

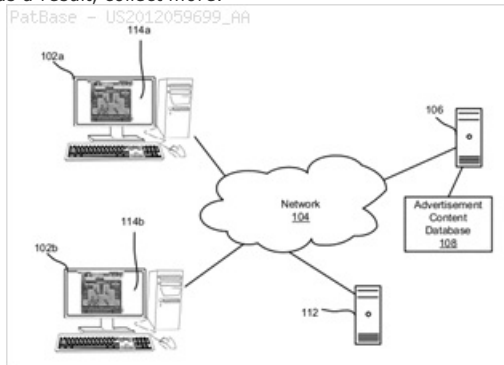
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H04L29/06 H04M1/02 H04M1/725 H04N21/414 H04W4/00
H04W88/06 (Advanced/Invention);
A63F13/54 A63F13/87 G10L21/013 H04W88/06 (Advanced/Non-invention)

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G06Q20/322 G06Q20/4014 G07F7/0833 H04W4/80

European: G06Q30/02 G06Q30/0209 G06Q30/0273

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Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: ZHOU ANDREW

Assignee(s): (std): ZHOU ANDREW ; ZHOU ANDREW H B ; ZHOU ANDREW HB ; ZHOU DYLAN ; ZHOU DYLAN T X ; ZHOU TIGER ; ZHOU TIGER T G ; ZHOU DYLAN TX ; ZHOU TIGER TG

Inventor(s): (std): ZHOU ANDREW ; ZHOU ANDREW H B ; ZHOU ANDREW HB ; ZHOU DYLAN ; ZHOU DYLAN T X ; ZHOU DYLAN TX ; ZHOU TIGER ; ZHOU TIGER T G ; ZHOU TIGER TG

Agent(s): PATENT JURIST; 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 DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: SYSTEMS AND METHODS FOR MONITORING, MANAGING, AND FACILITATING LOCATION- AND/OR OTHER CRITERIA-DEPENDENT TARGETED COMMUNICATIONS AND/OR TRANSACTIONS

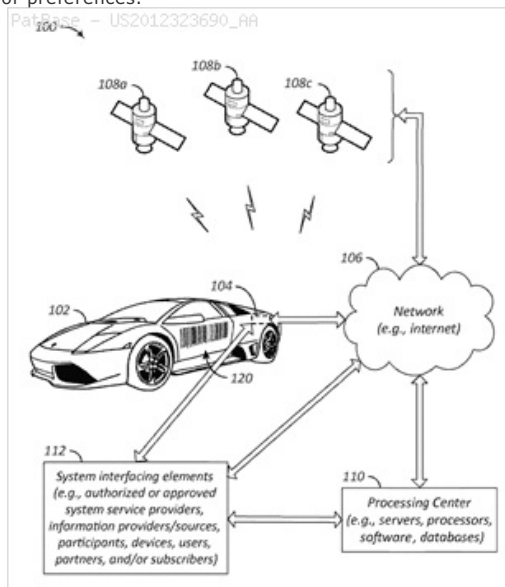
Abstract: Source: US2012323690A A method for monitoring, managing, and facilitating location- and/or other criteria-dependent targeted communications and/or transactions includes: receiving signals and/or information that include or provide, or facilitate or initiate a process of providing access to, location information and one or more criteria, requirements, preferences, and/or other inputs pertaining to, or initiating or facilitating, one or more desired or requested communications and/or transactions, the information including, or being associated or established in association with, one or more identifiers at least one of which is mobile, floating, or transportable in relation to one or more of a machine, an apparatus, a device, an object, and a sentient entity with which the identifier is associated; and processing the signals and/or information to identify in association with at least one of the one or more identifiers one or more transactions, advertisements, messages, and/or communications that satisfy one or more criteria, requirements, and/or preferences.

Classifications:

International (IPC 8-9): B60Q1/48 G01C21/10 G01C21/34 G01C21/36 G06F17/00 G06Q10/00 G06Q20/10 G06Q30/02 G06Q30/06 G06Q40/00 G08B13/14 G08G1/01 G08G1/123 (Advanced/Invention)

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US: 340/933 340/988 701/1 701/423 701/425 701/538 705/14.58 705/39 705/418



Family:

Publication number	Publication date	Application number	Application date
EP2721595 A2	20140423	EP20120801150	20120614
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Priority:

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Probable Assignee: MICHAEL JOSEPH

Assignee(s): (std): MICHAEL JOSEPH

Inventor(s): (std): MICHAEL JOSEPH

Agent(s): VIERING JENTSCHURA AND PARTNER PATENT U RECHTSANWALTE; SHEPPARD MULLIN RICHTER AND HAMPTON LLP; HOLMES PETER 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 DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: SYSTEM FOR **PARKING** PAYMENT USING A MOBILE DEVICE

Abstract: Source: US2014067492A Disclosed below are representative embodiments of methods, apparatus, and systems relating to a mobile device payment system for **parking** payment kiosks ("PPKs"). Among the example embodiments disclosed herein are **parking** payment kiosks that use mobile devices for payment. Embodiments of the disclosed technology can be used to improve the basic **parking** process by reducing the amount of time that the driver has to interact with the kiosk. Embodiments of the disclosed technology can also be used to minimize the labor required by **parking** enforcement. Embodiments of the disclosed technology comprise an access control and payment system that uses a customer's internet-connected mobile device and a display apparatus on the PPK.

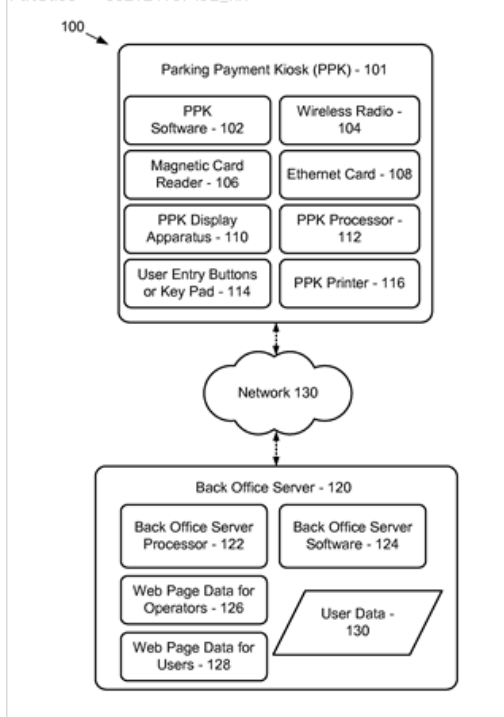
Classifications:

International (IPC 8-9): E04B1/62 E04C3/36 E04H12/02 E04H12/08 G06Q10/02 G06Q20/14 G06Q20/32 G06Q20/40 G06Q20/42 G07B15/06 G07F15/00 (Advanced/Invention)

CPC: G06Q20/322 G06Q10/02 G07B15/02 B60L11/1848 G06Q20/145 G06Q20/18 G07F17/24 G06Q20/40 Y02T10/7005 Y02T90/121 Y02T90/14 Y02T90/163 Y02T90/169 Y04S30/14 Y02T10/7072 G06Q20/3276 G06Q20/401 G06Q20/425 G07F15/005 Y02T90/12 Y02T90/128 E04C3/36 E04H12/02 G07C2011/04 E04B1/62 G07B15/06

US: 1/1 52/309.14 52/834 705/13 705/44 705/5

PatBase - US2014067492_AA



Family:

Publication number	Publication date	Application number	Application date
US2014067492 AA	20140306	US20130047842	20131007
US2014067493 AA	20140306	US20130065200	20131028
US2014067680 AA	20140306	US20130014108	20130829
US2014074523 AA	20140313	US20130083239	20131118
US2014096475 AA	20140410	US20130035512	20130924
US2016177589 AA	20160623	US20160056032	20160229
US9273483 BB	20160301	US20130035512	20130924
US9436944 BB	20160906	US20130014108	20130829

Priority:

US20120694647P 20120829	US20120710643P 20121005	US20130014108 20130829
US20120719483P 20121028	US20120728134P 20121119	US20130035512 20130924
US20130047842 20131007	US20130065200 20131028	US20130083239 20131118
US20160056032 20160229		

Probable Assignee: OPTIMIZATION TECHNOLOGIES INC

Assignee(s): (std): OPTIMIZATION TECH INC ; OPTIMIZATION TECHNOLOGIES INC ; TRIDENT IND LLC

Inventor(s): (std): CEKO PETER ; MOYER DAMION J ; TURNER DEXTER

Agent(s): REID E; GORDON REES SCULLY MANSUKHANI LLP; KLARQUIST SPARKMAN LLP

Title: AUTOMATED **PARKING** SPACE MANAGEMENT SYSTEM WITH DYNAMICALLY UPDATABLE DISPLAY DEVICE

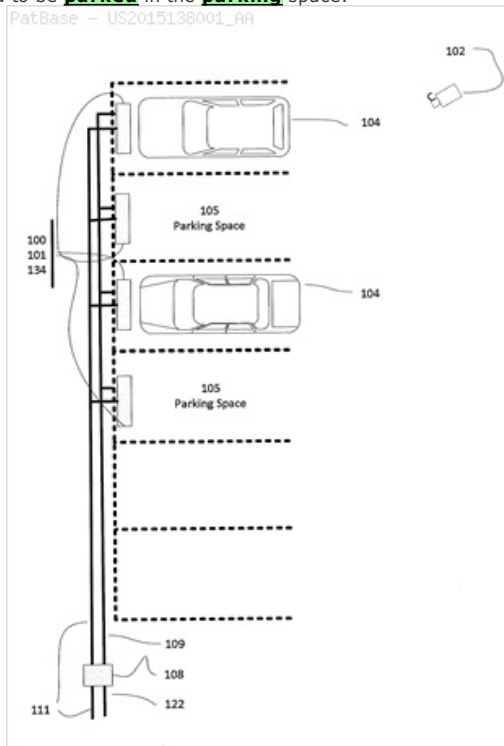
Abstract: Source: US2015138001A An automated system for managing one or more **parking** spaces, that includes a vehicle identification detector for detecting vehicles in a **parking** space area, a dynamically updatable display device mounted in the **parking** space area, and a computer subsystem that dynamically updates the display device with messages or images to be communicated in real time to the operator of the vehicle that is being **parked**. The system can be dynamically configured to operate either as a reserved **parking** system, or as a pay-for-**parking** system. The system includes an optional **billing** and payment module that integrates with information provided by the system to manage collection and remittance of **parking** revenues. The system includes an optional event notification module to manage automatic notification and ticketing of vehicles that are not authorized to be **parked** in the **parking** space.

Classifications:

International (IPC 8-9): G08G1/017 G08G1/14 (Advanced/Invention)

CPC: G08G1/149 G08G1/142 G08G1/017 G08G1/0175 G08G1/146

US: 340/932.2



Family:

Publication number	Publication date	Application number	Application date
US2015138001 AA	20150521	US20140546857	20141118
US9666075 BB	20170530	US20140546857	20141118

Priority:

US20130905746P 20131118 US20140546857 20141118

Probable Assignee: IMAGEMAKER DEVELOPMENT INC

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Agent(s): OYEN WIGGS GREEN AND MUTALA LLP