



Tech Report

Abstracts Of Recent Published South African Patents
May 2015

Von Seidels
Intellectual Property
Attorneys



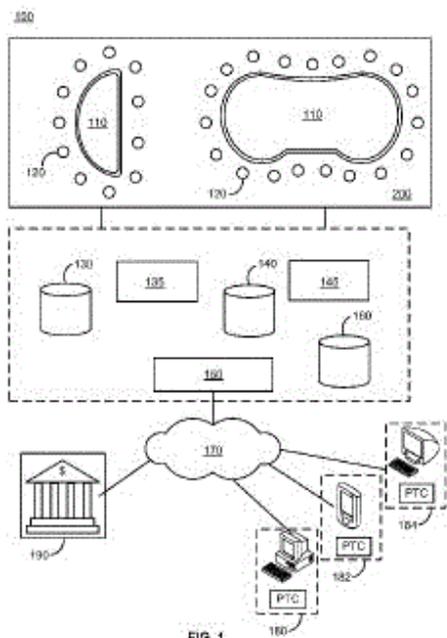
Title: ONLINE GAMING WITH REAL-WORLD DATA

Patent No: 2013/01161

Applicant: Internet Gaming Services International

Abstract: An online gaming apparatus integrates sensory data and/or gameplay data from a real-world environment, incorporating playback of a recorded instance of a card game, wherein the online game may be delayed or in real-time. Data from a live card game are recorded for delayed playback or streamed live, and a remote player accesses the game online and participates. The remote player may play in the online game at the position/seat occupied by one or more of the original, real-world players. The remote player will receive cards as they were dealt to the original, real-world player that occupied the same position/seat in the original, real-world game. The remote player may able to make strategic decisions during gameplay that differ from those of the original, real-world player, wherein such strategic decisions may affect the outcome of the game for that player. The gaming area may be a casino.

Image:



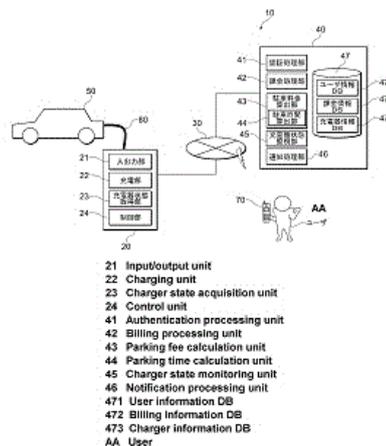
Title: CHARGING SERVICE SYSTEM, SERVER APPARATUS AND CHARGING SERVICE METHOD

Patent No: 2013/07417

Applicant: NEC CORPORATION

Abstract: A charger (20) is provided with a charging unit (22) for charging the secondary battery of an EV (50), and a charger state acquisition unit (23) which detects operations related to the end of charging of the secondary battery and to the exit of the EV (50) from the charging space after charging. The server (40) is provided with a charger state monitoring unit (45) which receives from the charger (20) notifications of operations related to the end of charging or to the exit of the EV (50) from the charging space and monitors the state of the charger (20), and a parking fee calculation unit (43) which calculates the parking time of the EV (50) on the basis of the timing at which the end of charging is detected and the timing at which operations are detected related to the exit of the electric vehicle from the charging space, and calculates the parking fee to bill to the user on the basis of the parking time.

Image:



Title: PICTURE GESTURE AUTHENTICATION

Patent No: 2013/07744

Applicant: MICROSOFT CORPORATION

Abstract: one embodiment, a picture signature password system may use a picture signature password to determine access to a computing device or service. A display screen 172 may display a



personalized digital image 310. A user input device 160 may receive a user drawing set executed by a user over the personalized digital image 310. A processor 120 may authenticate access to the user session if the user drawing set matches a library drawing set associated with the user.

Image:

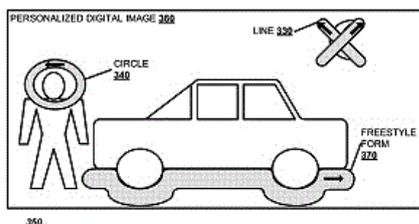
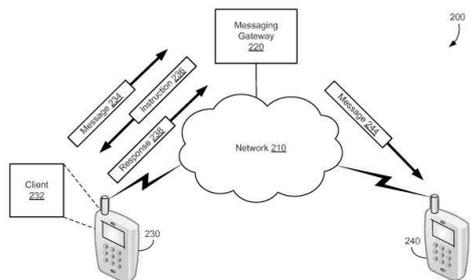


Figure 3b

Title: METHODS AND SYSTEMS FOR PROVIDING EFFICIENT TELECOMMUNICATIONS SERVICES
Patent No: 2013/09051
Applicant: Starscriber Corporation

Abstract: Methods and systems for more efficiently providing telecommunications services are provided. A menu of options may be presented to a user upon detecting that the user has attempted to connect a call to a recipient. If the user selects an option before a predetermined amount of time has elapsed, the actions associated with that option may be performed instead of setting up a call between the user and the recipient. If the predetermined amount of time elapses without the user making a selection of an option or if the user has explicitly indicated a desire to establish the call, the call may be established.

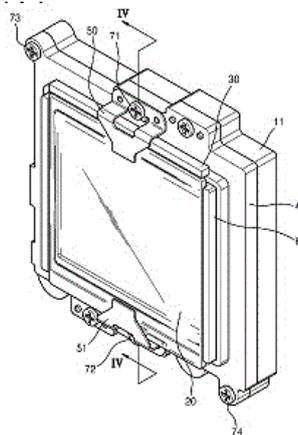
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Title: PHOTOGRAPHING APPARATUS
Patent No: 2013/09122
Applicant: SAMSUNG ELECTRONICS CO., LTD.

Abstract: A photographing apparatus includes an imaging device that converts an optical image of an object into an electrical signal; a vibration plate disposed at a front direction of the imaging device; a vibration generator which is mounted on the vibration plate and vibrates the vibration plate; a support frame which is located between the imaging device and the vibration plate, and supports edges of the vibration plate; and a vibration plate pressing unit which is connected in the support frame and includes a part which presses at least an area of the vibration plate.

Image:



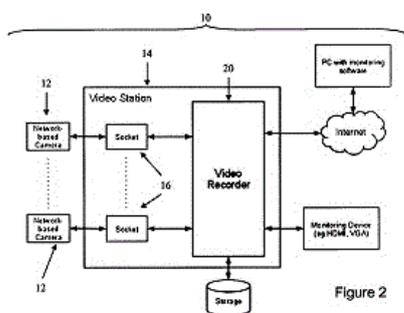
Title: METHODS OF CONNECTING NETWORK-BASED CAMERAS TO VIDEO STATIONS, AND CORRESPONDING VIDEO SURVEILLANCE SYSTEMS, VIDEO STATIONS, AND NETWORK-BASED CAMERAS
Patent No: 2013/09500
Applicant: SIGNAL COMMUNICATIONS LIMITED

Abstract: Installation of network-based cameras is more complicated than analog cameras. Further, because video data from the IP-based cameras is sent over a shared network, hackers can easily access the cameras by connecting to the shared network and acquire the sensitive video data, or replace video images sent from the camera to the NVR. To at least resolve some of these issues, the current invention



provides methods of connecting network-based cameras to video station such that the ownership between the network-based camera with the respective connected socket can be locked, such that at any time, each of the at least one socket can lock ownership of only one network-based camera, and receives video from the only one network-based camera with ownership locked by the respective socket. As the socket of the current invention can now engage into "locking" relationship with only one network-based camera with camera-identification tag acceptable to the video station, and preferably with the lock key, the chance of spoofing can be substantially reduced.

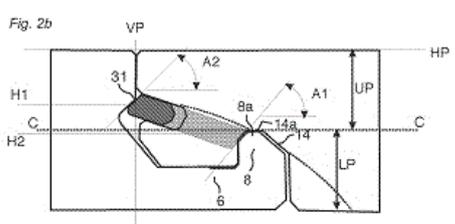
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Title: MECHANICAL LOCKING SYSTEM FOR FLOOR PANELS
Patent No: 2013/09543
Applicant: VÄLINGE FLOORING TECHNOLOGY AB

Abstract: Floor panels are shown, which are provided with a vertical locking system on short edges having a displaceable tongue that is displaced in one direction into a tongue groove during vertical displacement of two panels.

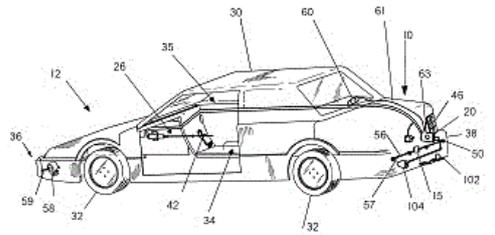
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Title: AN ACCIDENT PREVENTION SYSTEM AND A VEHICLE INCLUDING THE ACCIDENT PREVENTION SYSTEM
Patent No: 2013/09612
Applicant: SURVEILLANCE GUARD CO LIMITED

Abstract: A vehicle (12) with an accident prevention system 10 is disclosed. The vehicle (12) includes a vehicle body (30). The vehicle (12) also has a foot brake (42) for stopping the vehicle (12). The system (10) includes a sensor arrangement (14) for sensing an object behind a rear end (38) of the vehicle (12) that generates an object recognition signal when it senses an object within range behind the vehicle (12). The sensor arrangement (14) includes passive IR sensors (15) or reflected pulse sensors such as sonar or radar sensors (50) on the rear end (38). A controller (20) generates an accident prevention response signal on receiving an object recognition signal from the sensor arrangement (14). A brake applicator (26) is operatively coupled to the brake (42) to stop the vehicle (12) when the controller (20) generates an accident prevention response signal. Conveniently the system (10) also includes an alarm (22) for sounding an alarm signal at the same time. The system (12) is useful for preventing an accident where a vehicle that is reversing a low speed collides with a person.

Image:



Title: METHOD FOR CHARGING AN ONBOARD-UNIT WITH AN ELECTRONIC TICKET
Patent No: 2014/02838
Applicant: Kapsch TrafficCom AG

Abstract: The invention relates to a method for charging an onboard unit (7) with an electronic ticket (3) and redeeming said ticket at a radio beacon (4), wherein the onboard unit (7) has a DSRC interface (6) for radio communication with the radio



beacon (4) and a second interface for radio communication with a mobile phone (9), said second interface being separate from the DSRC interface (6), comprising: providing the onboard unit (7) with a public and a private electronic key (PubK.OBU, PrivK.OBU) of the onboard unit (7); in the mobile telephone (9), receiving an encrypted ticket (3) and sending the encrypted ticket (3) to the on-board unit (7); in the onboard unit (7), receiving the encrypted ticket (3), decrypting (20) the received ticket (3) and transmitting (24) the ticket (3) to the radio beacon (4) for redemption.

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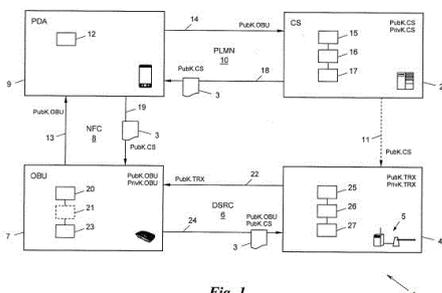


Fig. 1

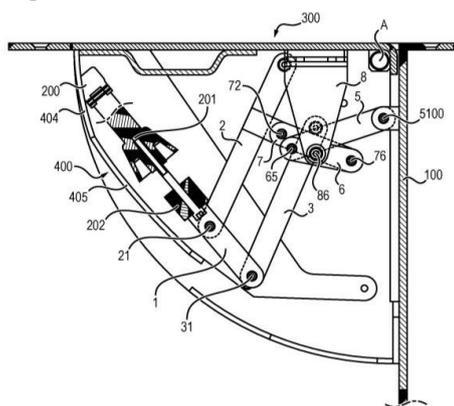
Title: CONNECTION SYSTEM FOR THE CHARGING OF AN ELECTRIC VEHICLE

Patent No: 2014/07613

Applicant: Conductix Wampfler

Abstract: The invention relates to a system for electrically coupling an electrical charging device to the power storage means of a vehicle. The system includes a bar (200), a protective panel (300), a flap (400), a drive means (500), and a control device for synchronizing the movements of the bar, protective panel, and flap between a stowed position and a position for extending from the ground.

Image:



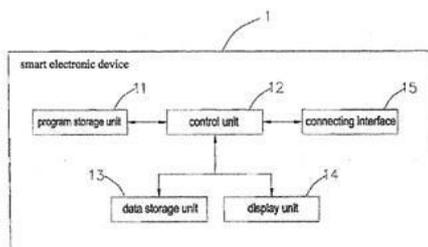
Title: SMART ELECTRONIC DEVICE CONTROL SYSTEM

Patent No: 2015/00042

Applicant: WEI, Zhang

Abstract: A smart electronic device control system includes a smart electronic device and a controlled device. The controlled device is an electronic device required to be set up by a user for the first time. The user uses the smart electronic device to wired/wirelessly connect the controlled device. At this time, the smart electronic device obtains a setup program stored in the controlled device to activate the setup program. The user uses the smart electronic device to input the setup data, thereby setting up the controlled device for the first time. After the setup, the user ends the setup program to complete the first setup of the controlled device. When the program installed in the controlled device is to be updated, the smart electronic device downloads the latest program and wired/wirelessly connects to the controlled device, thereby updating the controlled device.

Image:

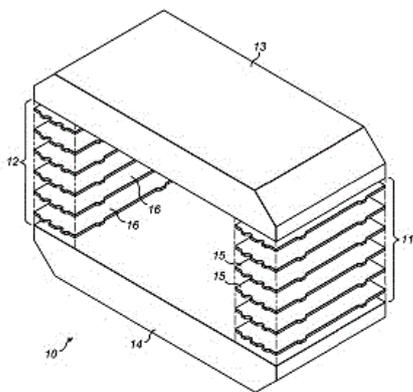




Title: SENSORS
Patent No: 2013/09635
Applicant: SENTEC LTD.

Abstract: A current sensor comprises a first component comprising plural coils. Each coil comprises one or more turns printed on at least one planar surface of a respective substrate, and the planes of the coils are parallel to one another and are perpendicular to a longitudinal axis of the first component. A second component comprises soft magnetic material and has first and second planar faces that are at opposite ends of the first component and are arranged perpendicularly to and are intersected by the longitudinal axis of the first component.

Image:

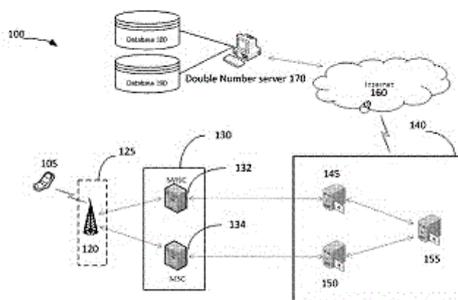


Title: DOUBLE NUMBER SERVICE
Patent No: 2014/00048
Applicant: ROCKVILLE TECHNOLOGIES PRIVATE LIMITED

Abstract: Embodiments disclosed herein describe a double number service configured to allow a mobile or landline subscriber to receive an additional telephone number that is configured to make and receive communications such as telephone calls and text messages. Telecommunications systems and methods disclosed herein are configured to utilize a virtual phone number or double numbers, which a user may subscribe to, to publish and/or communicate to other users. The user may also subscribe to multiple virtual numbers, and use the virtual numbers on a single device. Accordingly, an end user may receive communications to an assigned number from a telecommunications service provider and

the virtual or double number on the same telecommunications device.

Image:





Commentary: The Von Seidels technical team is made up of patent attorneys, foreign counsel, candidate patent attorneys and technical experts. The team has extensive technical expertise across the following fields: Electrical and Electronic Engineering, Computer Science, Natural Science, Civil Engineering, Mechatronic Engineering, Industrial Engineering and Chemical Engineering.

The Von Seidels Tech Team:



Mike von Seidel



Ralph van Niekerk



Érik van der Vyver



Anna Tomlinson



Gunther Roland



Dirk van Dyk



Stephen Middleton



Oswald Alembong

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Physical Address

(for all courier deliveries and visits only):
1 Park Close, Central Park, Park Lane
Century City (Cape Town)
7441, South Africa

Postal Address:

PO Box 440
Century City (Cape Town)
7446, South Africa

Tel: + 27 21 526 2800
Fax: + 27 21 526 2801
Email: service@vonseidels.com
Web: www.vonseidels.com

Von Seidels
Intellectual Property
Attorneys