



Von Seidels

Intellectual Property
Attorneys

Tech Report

Abstracts of recent published South African patents

May 2014



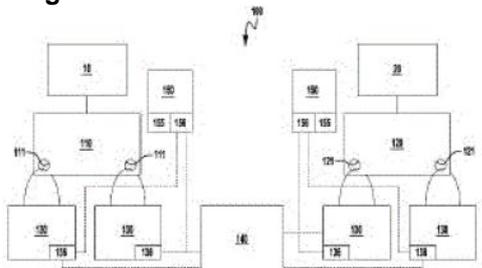
Title: ELECTRONICALLY MONITORED SAFETY LOCKOUT DEVICES, SYSTEMS AND METHODS

Patent No: 2013/03234

Applicant: Master Lock Company LLC

Abstract: A system for monitoring a lockout condition of a component includes a lockout device, a lock unit, and a reader. The lockout device is moveable between a lockout condition blocking operation of the component and an access condition permitting operation of the component. The lock unit is configured to be secured to a lockout interface of the lockout device to secure the lockout device in the lockout condition. One of the lockout device and the lock unit includes a communication module configured to communicate a data signal including an identification code identifying the one of the lockout device and the lock unit. The reader is remote from the one of the lockout device and the lock unit, and is configured to receive the data signal at least when the lockout device is assembled with the component and the lock unit is secured to the lockout interface of the lockout device.

Image:



Title: OPTICALLY VARIABLE SECURITY DEVICE FOR A VALUABLE DOCUMENT

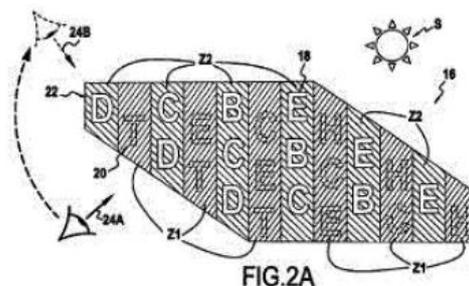
Patent No: 2013/03309

Applicant: Oberthur Fiduciaire SAS

Abstract: This security device comprises a security component (16) which comprises at least first (Z1) and second (Z2) zones that respectively produce first and second optical effects that each have at least two characteristic aspects in different observation configurations of the component (16). More precisely, the device comprises an image (18) which is at least partially in relief and is obtained by deformation of said component (16) and of said backing (10) to which said component (16) is affixed, this image (18) comprising

at least a first and a second graphic element (20; 22) and extending at least partially in the two zones (Z1, Z2), and at least said first (20) and second (22) graphic elements of the image (18) are respectively revealed in the first (Z1) and second (Z2) zones by the appearance of at least one of the two aspects of the first and second optical effects, respectively.

Image:



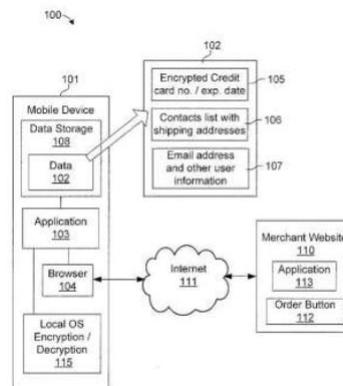
Title: SYSTEM AND METHOD FOR MOBILE ELECTRONIC PURCHASING

Patent No: 2013/03533

Applicant: 34 SOLUTIONS, LLC

Abstract: A system and method for electronic purchasing via a mobile web-enabled communication device. A contacts list containing shipping addresses, and a payment file containing encrypted credit card information for one or more credit cards is stored on the mobile device. In response to a request for credit card and shipping information from a merchant website for an item to be purchased, a specific one of the credit cards and a specific one of the shipping addresses is selected from the contacts list and the payment file, respectively. The credit card data for the selected credit card is decrypted, and the decrypted credit card data and the selected shipping address are sent to the merchant website for order processing.

Image:





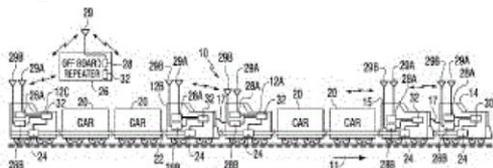
Title: METHOD AND APPARATUS RELATED TO ON-BOARD MESSAGE REPEATING FOR VEHICLE CONSIST COMMUNICATIONS SYSTEM

Patent No: 2012/06022

Applicant: General Electric Company

Abstract: A communications method for a vehicle consist (10) comprising a lead (14) and a remote (12A/12B/12C) powered vehicle, the lead (14) vehicle comprising first (29A) and second (29B) antennas each associated with a radio, and the remote vehicle (12A/12B/12C) comprising third (29A) and fourth (29B) antennas each associated with a radio. The method comprises transmitting an outbound message from the lead (14) vehicle, receiving the outbound message at the third antenna (29A) and supplying a signal to the associated radio for producing a first received signal, and receiving the outbound message at the fourth antenna (29B) and supplying a signal to the associated radio for producing a second received signal, determining a first and second signal quality metric for the respective first and second received signals, selecting the first or second received signal for processing by the remote vehicle (12A/12B/12C) in response to the first and second signal quality metrics.

Image:



Title: AN ATTACHMENT FOR A PERSONAL COMMUNICATION DEVICE

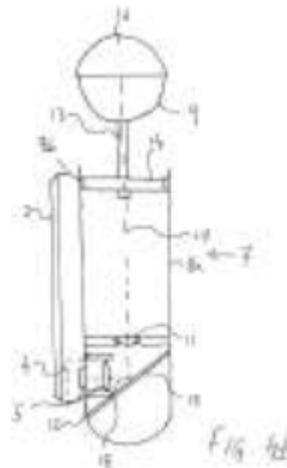
Patent No: 2012/06422

Applicant: BUBBLEPIX LTD.

Abstract: A personal communication device, such as a smart phone handset (1) comprises a main body (2) incorporating a camera (4) having a lens (5). An attachment (6) for the personal communication device is detachably mountable to the main body (2) by means of a cover (8). The attachment (6) also comprises an optical device (7) arranged to reflect light into the lens from a panoramic field of view. The optical device (7) includes a convex mirror (9), which

preferably reflects light from a 360° field of view into the camera (4). Such an arrangement enables the user to completely capture an image of his surroundings, so that the image is an objective record of a moment in time as experienced by the

Image:



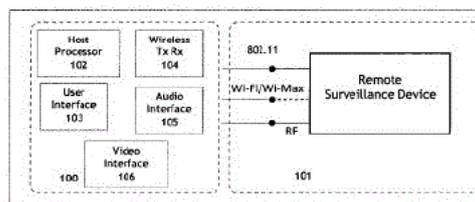
Title: REMOTE SURVEILLANCE SYSTEM

Patent No: 2013/03477

Applicant: Hitech Robotic Systemz

Abstract: A remote surveillance system with different types of sensors and electronics molded and embedded in a shell kind of package in such a way so as to make the complete system rugged enough and throwable up to a distance. The system may be deployed in a location wherein it is desired to remotely capture a video, environmental and voice data.

Image:



Title: SYSTEM AND METHOD FOR MODIFYING CALLER BEHAVIOR

Patent No: 2010/08487

Applicant: Starscriber Corporation

Abstract: A method for modified dialing behavior includes capturing a dialing stream in a virtual input buffer, comparing the dialing stream of the calling party to a



history of dialing streams stored in a database, analyzing the history of dialing streams to determine a desired dialing behavior of the calling party, and passing a modified dialing stream to a mobile operating system based on the determined desired dialing behavior of a calling party.

Image: Not available

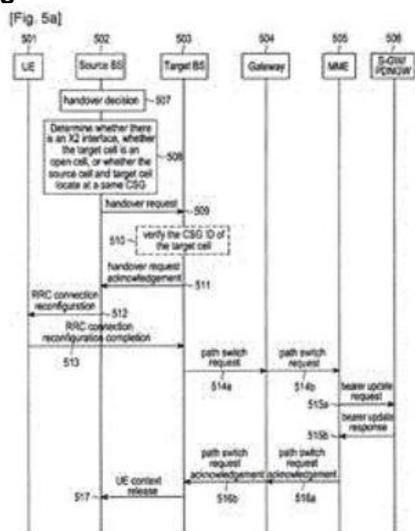
Title: A HANDOVER METHOD AND APPARATUS IN A MOBILE COMMUNICATION SYSTEM

Patent No: 2012/08754

Applicant: SAMSUNG ELECTRONICS CO., LTD

Abstract: A method for handover of User Entity (UE) by a source Base Station (BS) is provided. The method includes determining whether to handover the UE using an X2 interface, transmitting a handover request message to a target BS, the handover request message including Closed Subscriber Group (CSG) information of the target BS, and receiving a handover request acknowledgement message from the target BS, wherein the determining of whether to handover the UE using the X2 interface includes, if there is the X2 interface between the source BS and the target BS, and if the target BS does not support a CSG or the target BS supports a same CSG supported by the source BS, determining to perform the handover of the UE using the X2 interface, and obtaining the CSG information of the target BS through an X2 interface set up procedure.

Image:



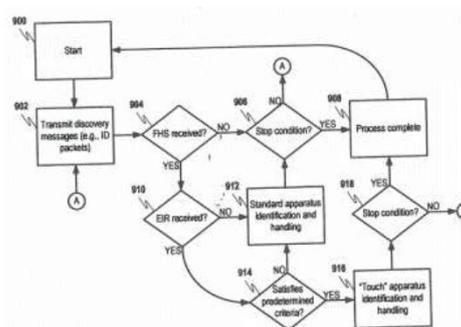
Title: TOUCH INQUIRY

Patent No: 2012/3437

Applicant: NOKIA CORPORATION

Abstract: A system for expediting wireless connection establishment between wireless-enabled apparatuses. In at least one example implementation an apparatus may transmit discovery messages for discovering other apparatuses. The apparatus may receive one or more messages responding to the discovery message, and may determine whether any of the received responses satisfy predetermined response criteria. If the apparatus determines that any of the received messages satisfy the response criteria, wireless connection establishment may be expedited between the apparatus and a source apparatus for each of the received messages that satisfy the response criteria.

Image:



Title: WIRELESS DEVICE DETECTION AND COMMUNICATION APPARATUS AND SYSTEM

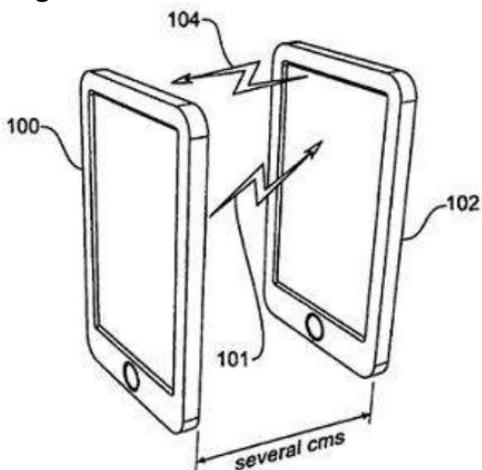
Patent No: 2013/03715

Applicant: XPED HOLDINGS PTY LTD

Abstract: A method for effecting a near field communication, including the steps of positioning a first device at a close proximity to a second device, wherein the close proximity is suitable for the near field communication; and sending a first effectively carrier less signal from the first device to the second device.



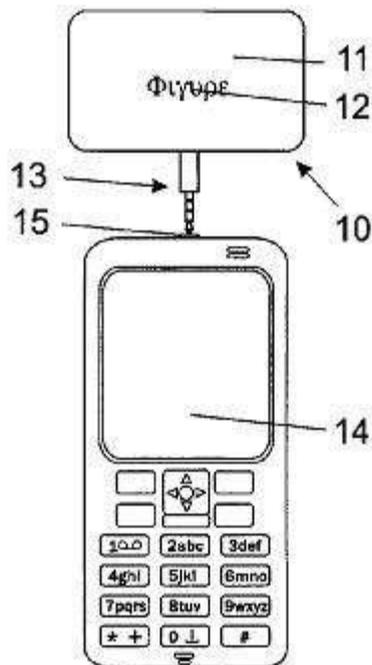
Image:



Title: A RADIO FREQUENCY COMMUNICATION DEVICE
Patent No: 2013/03491
Applicant: PARKIN NORMAN FREDERICK

Abstract: An RFC (including NFC) adapter device is provided that can be associated with a mobile communications device, typically a mobile phone, to extend the capabilities of the communications device. The adapter device has a body housing a radio frequency antenna, a processor for processing signals and a communications connector that is connectable to a port of the mobile communications device so that the adapter device may send and receive electronic signals to and from the communications device in a first electronic format and convert the electronic signals between the first electronic format and a radio frequency format in which it is capable of being transmitted or received by the adapter device cooperating with a second RFC device or a co-operant RF reader device in close proximity to it. The adapter device preferably connects with an audio input/output port of the mobile communications device. The adapter device preferably has a unique identifier associated with it and stored in an electronic memory module housed within the body.

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.

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Stephen Middleton



Hugo Biermann



Jak Erasmus

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