**Title:** OPTICAL FIBER CONNECTION SYSTEM INCLUDING OPTICAL FIBER ALIGNMENT DEVICE  
**Patent No:** 2014/6531  
**Applicant:** TYCO Electronics Corporation, TYCO Electronics Raychem BVBA

**Abstract:** The present disclosure relates to an optical fiber alignment device that has an alignment housing that includes first and second ends. The alignment housing defines a fiber insertion axis that extends through the alignment housing between the first and second ends. The alignment housing includes a fiber alignment region at an intermediate location between the first and second ends. First and second fiber alignment rods are positioned within the alignment housing. The first and second fiber alignment rods each having rounded ends positioned at the first and second ends of the alignment housing.

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**Title:** BROADBAND DELIVERY OF PERSONALIZATION INFORMATION FOR ADVANCED TV SERVICES  
**Patent No:** 2014/08520  
**Applicant:** Sony Corporation

**Abstract:** A method, computer program, and reception apparatus, and information providing apparatus for retrieving and/or providing PDI data, including a PDI questionnaire. The method includes receiving content from a content source. The received content is displayed on a display. A location of the PDI data associated with the received content is subsequently determined. Further, the reception apparatus retrieves the PDI data based on the determined location of the PDI data.

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**Title:** MOTION TRANSMISSION SYSTEM ADAPTED TO A SELF-COMPEENSATING ROLLING SYSTEM IN THE LONGITUDINAL DIRECTION, FOR USE IN AGRICULTURAL MACHINES AND TOOLS  
**Patent No:** 2014/06767  
**Applicant:** Stara S/A. Industria de Implementos Agricolas

**Abstract:** A motion transmission system adapted to a self-compensating rolling system in the longitudinal direction, for use in agricultural machines and tools, essentially comprises a self-compensating, parallelogram rolling assembly (1) associated with two alternator assemblies (2) joined by ties (4) to a rocking lever assembly (3) and to the tiller assembly (5) so as to promote radial movement, interconnecting the alternator assemblies (3) that move the rolling assembly (1) and at the same time allowing the radial movement of the tiller assembly (5). In another embodiment, the rocking lever assembly (3) enables fixed motion in the chassis (6) and the simultaneous mounting of two tools (7A) (7B) coupled by means of the tandem system (8).
Title: MOBILE POWER SUPPLY UNIT  
Patent No: 2014/03823  
Applicant: KARSTEL, Grant Anthony  

Abstract: A mobile power supply unit is provided. The unit includes a container mounted to a hand truck, with a battery bank including at least one battery configured to store electrical energy generated by a renewable energy source, a voltage controller, regulator and power inverter electrically connected to each other and mounted within the container. The unit further includes at least one industry standard electrical socket on an external surface of the container from which electricity provided by the battery bank, in DC, AC or both, may be drawn.
Title: A METHOD OF DISTRIBUTING ELECTRONIC MEDIA FILES TO END-USERS VIA AN ONLINE PORTAL
Patent No: 2014/03343
Applicant: My Media to Market (PTY) LTD.

Abstract: A method of distributing electronic media files to end-users via an online portal is provided. The method includes providing a centralised database hosted on a server and which is accessible by an end-user and/or by a proprietor of an electronic media file via a web browser, and allowing an end-user of an electronic media file to register on the database using a networked computing device. The method further comprises providing a web interface through which the end-user can set parameters associated with the end-user's media preferences, storing the parameters associated with the end-user on the database, and allowing a proprietor of an electronic media file to create a new media file entry on the database via a web browser and to enter metadata associated with the media file. The database matches the media file entry and associated metadata to predefined parameters of each end-user registered on the database.

Title: ENTERPRISE RESOURCE PLANNING SYSTEM
Patent No: 2014/03387
Applicant: SNAITH, Gregory Emerson

Abstract: The present invention provides for an Enterprise Resource Planning (ERP) system comprising a secure ERP database associated with a remotely accessible database server, a communications network configured to facilitate remote communication between the database server and a remote communications device of a user, and an application server configured to make available to the user a collection of ERP related applications capable of conducting computational operations on the data stored in the ERP database. The system is configured to enable the user to utilise the selected ERP applications from the remote communications devices, to remotely input data into the ERP database by means of the applications, to at least partially process the data at the database server and to present processed data on the communications device in a suitable format. The ERP related applications operate on predetermined specifications and standards defined by the server.
**Title:** TRAFFIC MANAGEMENT AND REMOTE CONFIGURATION IN A GATEWAY-BASED NETWORK  
**Patent No:** 2014/02718  
**Applicant:** ITRON, INC.

**Abstract:** Disclosed are apparatus and methodology for remotely configuring gateway devices in a gateway-based Advanced Metering Infrastructure (AMI) network. Remotely configurable gateway devices are provided for Internet Protocol (IP) communications between consumption measuring devices and a utility central facility. Communications between the gateway device and central facility may be by way of wired or wireless communications and may include configuration information multicast from the central facility to selected gateway devices.

**Title:** SYSTEMS AND METHODS FOR GENERATING VEHICLE INSURANCE PREMIUM QUOTES BASED ON A VEHICLE HISTORY  
**Patent No:** 2014/01900  
**Applicant:** Trans Union LLC

**Abstract:** A method is provided for generating an insurance premium quote for a consumer seeking insurance coverage for a vehicle. The method determines a vehicle score indicative of a likelihood of a future auto insurance claim for the vehicle, wherein the vehicle score is based on both VIN based data and historical data of the vehicle. The method determines an insurance score for the consumer, based on at least one of a credit score, a driving record and a claim record. The method further generates the insurance premium quote based on the determined vehicle score and the insurance score.

**Title:** GAMING DEVICES AND METHODS OF OPERATING THEM  
**Patent No:** 2014/02580  
**Applicant:** NOVOMATIC AG

**Abstract:** A group of associated gaming devices each having a lottery drawer comprising a database having a plurality of entries each entry containing one or more winning numbers associated with a predetermined time interval, and a pseudo random number generator for generating pseudo random numbers from a seed supplied by the database, and a clock for extracting the winning number or numbers from an entry of the database for the time interval indicated by the clock, and a comparator for at least one receiving of the extracted winning number or numbers and at least one number generated by the pseudo random generator, wherein the comparator is adapted for generating a win signal when the extracted winning number and the generated pseudo random number match; and wherein all of the associated gaming devices include identical databases having the plurality of entries and pseudo random number generators whereby win signals are generated simultaneously.
**Title:** LED LIGHTING DEVICES  
**Patent No:** 2012/09127  
**Applicant:** Maxgreen LED Limited  

**Abstract:** A lighting device includes an LED light source (20) operable by electric power supplied to the device, and a control system (23) receiving electric power from an external power supply (26) and supplying power to the light source (20). The control system (23) also being operable of operating in a second mode to supply power to the light source (20) only on receipt by the control system (23) via the power supply (26) of a signal identifying said device. Thus the device (24) can be incorporated in a conventional lighting circuit or a circuit in which the devices (24) are individually controlled.

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**Title:** METHOD AND APPARATUS FOR ENCODING VIDEO BY PERFORMING IN-LOOP FILTERING BASED ON TREE-STRUCTURED DATA UNIT, AND METHOD AND APPARATUS FOR DECODING VIDEO BY PERFORMING THE SAME  
**Patent No:** 2012/08291  
**Applicant:** Samsung Electronics Co., Ltd.  

**Abstract:** An apparatus and method of encoding and an apparatus and method of decoding a video by performing in-loop filtering based on coding units are provided. The encoding method includes: splitting a picture into a maximum coding unit; separately determining coding units for outputting encoding results according to a coded depth for deeper coding units that are hierarchically structured according to depths; and determining a filtering unit for performing in-loop filtering so as to minimize an error between the maximum coding unit and an original picture, based on the coding units, and performing in-loop filtering based on the filtering unit.

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**Title:** SYSTEM AND METHOD FOR AN UPLINK CONTROL SIGNAL IN WIRELESS COMMUNICATION SYSTEMS  
**Patent No:** 2013/09025  
**Applicant:** Samsung Electronics Co., Ltd.  

**Abstract:** A user equipment is capable of receiving communications from a cell including at least one base station. The user equipment includes a receiver configured to receive from the base station both a cell specific radio resource control (RRC) configuration comprising a cell specific resource offset parameter for a PUCCH HARQ-ACK, and a UE specific RRC configuration comprising a UE specific RS base sequence parameter and an UE specific resource offset parameter for the PUCCH HARQ-ACK.
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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