

Patents by Inventor Scott D. Redmond

Scott D. Redmond has filed for patents to protect the following inventions. This listing includes patent applications that are pending as well as patents that have already been granted by the United States Patent and Trademark Office (USPTO) and is not a complete list. Technology rights are available for acquisition for some of this intellectual property.



- [Providing Load Balanced Secure Media Content and Data Delivery in a Distributed Computing Environment](#)

Publication number: 20190014090

Abstract: A system and method for providing load balanced secure media content and data delivery in a distributed computing environment is disclosed. Media content is segmented and encrypted into a set of individual encrypted segments on a centralized control center. Each

individual encrypted segment has the same fixed size. The complete set of individual encrypted segments is staged to a plurality of intermediate control nodes. Individual encrypted segments are mirrored from the staged complete set to a plurality of intermediate servers. Requests are received from clients for the media content at the centralized control center. Each individual encrypted segment in the set is received from one of an intermediate control node and an intermediate server optimally sited from the requesting client. The individual encrypted segments are reassembled into the media content for media playback.

Type: Application

Filed: September 7, 2018

Publication date: January 10, 2019

Inventor: Scott D. Redmond

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- [Providing load balanced secure media content and data delivery in a distributed computing environment](#)

Patent number: 10110570

Abstract: A system and method for providing load balanced secure media content and data delivery in a distributed computing environment is disclosed. Media content is segmented and encrypted into a set of individual encrypted segments on a centralized control center. Each individual encrypted segment has the same fixed size. The complete set of individual encrypted segments is staged to a plurality of intermediate control nodes. Individual encrypted segments are mirrored from the staged complete set to a plurality of intermediate servers. Requests are received from clients for the media content at the centralized control center. Each individual encrypted segment in the set is received from one of an intermediate control node and an intermediate server optimally sited from the requesting client. The individual encrypted segments are reassembled into the media content for media playback.

Type: Grant

Filed: August 8, 2017

Date of Patent: October 23, 2018

Assignee: Content Delivery Inc.

Inventor: Scott D. Redmond

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- [Providing Load Balanced Secure Media Content and Data Delivery in a Distributed Computing Environment](#)

Publication number: 20170366517

Abstract: A system and method for providing load balanced secure media content and data delivery in a distributed computing environment is disclosed. Media content is segmented and encrypted into a set of individual encrypted segments on a centralized control center. Each individual encrypted segment has the same fixed size. The complete set of individual encrypted segments is staged to a plurality of intermediate control nodes. Individual encrypted segments are mirrored from the staged complete set to a plurality of intermediate servers. Requests are received from clients for the media content at the centralized control center. Each individual encrypted segment in the set is received from one of an intermediate control node and an

intermediate server optimally sited from the requesting client. The individual encrypted segments are reassembled into the media content for media playback.

Type: Application

Filed: August 8, 2017

Publication date: December 21, 2017

Inventor: Scott D. Redmond

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• [Low latency active noise cancellation system with client intercommunication](#)

Patent number: 9762550

Abstract: A system and method for providing load balanced secure media content and data delivery (10) in a distributed computing environment is disclosed. Media content is segmented and encrypted into a set of individual encrypted segments on a centralized control center (15). Each individual encrypted segment has the same fixed size. The complete set of individual encrypted segments is staged to a plurality of intermediate control nodes (17, 19). Individual encrypted segments are mirrored from the staged complete set to a plurality of intermediate servers (21a-b, 23a-b). Requests are received from clients (11) for the media content at the centralized control center. Each individual encrypted segment in the set is received from one of an intermediate control node and an intermediate server optimally sited from the requesting client. The individual encrypted segments are reassembled into the media content for media playback.

Type: Grant

Filed: March 18, 2016

Date of Patent: September 12, 2017

Assignee: Tranz-Send Broadcasting Network, Inc.

Inventor: Scott D. Redmond

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• [Low Latency Active Noise Cancellation System with Client Intercommunication](#)

Publication number: 20160205077

Abstract: A system and method for providing load balanced secure media content and data delivery (10) in a distributed computing environment is disclosed. Media content is segmented and encrypted into a set of individual encrypted segments on a centralized control center (15). Each individual encrypted segment has the same fixed size. The complete set of individual encrypted segments is staged to a plurality of intermediate control nodes (17, 19). Individual encrypted segments are mirrored from the staged complete set to a plurality of intermediate servers (21a-b, 23a-b). Requests are received from clients (11) for the media content at the centralized control center. Each individual encrypted segment in the set is received from one of an intermediate control node and an intermediate server optimally sited from the requesting client. The individual encrypted segments are reassembled into the media content for media playback.

Type: Application

Filed: March 18, 2016

Publication date: July 14, 2016

Inventor: Scott D. Redmond

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- [Low latency active noise cancellation system with client intercommunication](#)

Patent number: 9294449

Abstract: A system and method for providing load balanced secure media content and data delivery (10) in a distributed computing environment is disclosed. Media content is segmented and encrypted into a set of individual encrypted segments on a centralized control center (15). Each individual encrypted segment has the same fixed size. The complete set of individual encrypted segments is staged to a plurality of intermediate control nodes (17, 19). Individual encrypted segments are mirrored from the staged complete set to a plurality of intermediate servers (21a-b, 23a-b). Requests are received from clients (11) for the media content at the centralized control center. Each individual encrypted segment in the set is received from one of an intermediate control node and an intermediate server optimally sited from the requesting client. The individual encrypted segments are reassembled into the media content for media playback.

Type: Grant

Filed: February 26, 2015

Date of Patent: March 22, 2016

Assignee: Tranz-Send Broadcasting Network, Inc.

Inventor: Scott D. Redmond

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- [LOW LATENCY ACTIVE NOISE CANCELLATION SYSTEM WITH CLIENT INTERCOMMUNICATION](#)

Publication number: 20150188892

Abstract: A system and method for providing load balanced secure media content and data delivery (10) in a distributed computing environment is disclosed. Media content is segmented and encrypted into a set of individual encrypted segments on a centralized control center (15). Each individual encrypted segment has the same fixed size. The complete set of individual encrypted segments is staged to a plurality of intermediate control nodes (17, 19). Individual encrypted segments are mirrored from the staged complete set to a plurality of intermediate servers (21a-b, 23a-b). Requests are received from clients (11) for the media content at the centralized control center. Each individual encrypted segment in the set is received from one of an intermediate control node and an intermediate server optimally sited from the requesting client. The individual encrypted segments are reassembled into the media content for media playback.

Type: Application

Filed: February 26, 2015

Publication date: July 2, 2015

Inventor: Scott D. Redmond

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- [System and method for providing load balanced secure media content and data delivery in a distributed computing environment](#)

Patent number: 8972718

Abstract: A system and method for providing load balanced secure media content and data delivery (10) in a distributed computing environment is disclosed. Media content is segmented and encrypted into a set of individual encrypted segments on a centralized control center (15). Each individual encrypted segment has the same fixed size. The complete set of individual encrypted segments is staged to a plurality of intermediate control nodes (17, 19). Individual encrypted segments are mirrored from the staged complete set to a plurality of intermediate servers (21a-b, 23a-b). Requests are received from clients (11) for the media content at the centralized control center. Each individual encrypted segment in the set is received from one of an intermediate control node and an intermediate server optimally sited from the requesting client. The individual encrypted segments are reassembled into the media content for media playback.

Type: Grant

Filed: July 10, 2013

Date of Patent: March 3, 2015

Assignee: Tranz-Send Broadcasting Network, Inc.

Inventor: Scott D. Redmond

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- [Hydrogen storage, distribution, and recovery system](#)

Patent number: 8932184

Abstract: Cassette based systems and methods of hydrogen storage, distribution, and recovery are disclosed. A cassette or other container may contain a hydrogen storage or storing material. Information may be stored in the material and subsequently read or accessed. A probe may be used to interrogate the material. The hydrogen content or other characteristics of the material may be determined based on the interrogation. A hydrogen dispensing unit may contain a depleted cassette acceptor to accept depleted cassettes and a charged cassette dispenser to dispense charged cassettes. The dispensing unit may be implemented in a hydrogen retail store or as a standalone unit. The retail store or the unit may connect to a hydrogen network and implement various business methods, as disclosed herein.

Type: Grant

Filed: September 26, 2011

Date of Patent: January 13, 2015

Inventor: Scott D. Redmond

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- [System and method for providing load balanced secure media content and data delivery in a distributed computing environment](#)

Patent number: 8615652

Abstract: A system and method for providing load balanced secure media content and data delivery (10) in a distributed computing environment is disclosed. Media content is segmented and encrypted into a set of individual encrypted segments on a centralized control center (15). Each individual encrypted segment has the same fixed size. The complete set of individual encrypted segments is staged to a plurality of intermediate control nodes (17, 19). Individual

encrypted segments are mirrored from the staged complete set to a plurality of intermediate servers (21a-b, 23a-b). Requests are received from clients (11) for the media content at the centralized control center. Each individual encrypted segment in the set is received from one of an intermediate control node and an intermediate server optimally sited from the requesting client. The individual encrypted segments are reassembled into the media content for media playback.

Type: Grant

Filed: January 2, 2002

Date of Patent: December 24, 2013

Inventor: Scott D. Redmond

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- [System and Method For Providing Load Balanced Secure Media Content And Data Delivery in a Distributed Computing Environment](#)

Publication number: 20130297932

Abstract: A system and method for providing load balanced secure media content and data delivery (10) in a distributed computing environment is disclosed. Media content is segmented and encrypted into a set of individual encrypted segments on a centralized control center (15). Each individual encrypted segment has the same fixed size. The complete set of individual encrypted segments is staged to a plurality of intermediate control nodes (17, 19). Individual encrypted segments are mirrored from the staged complete set to a plurality of intermediate servers (21a-b, 23a-b). Requests are received from clients (11) for the media content at the centralized control center. Each individual encrypted segment in the set is received from one of an intermediate control node and an intermediate server optimally sited from the requesting client. The individual encrypted segments are reassembled into the media content for media playback.

Type: Application

Filed: July 10, 2013

Publication date: November 7, 2013

Inventor: Scott D. Redmond

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- [Hydrogen storage, distribution, and recovery system](#)

Publication number: 20130071294

Abstract: Cassette based systems and methods of hydrogen storage, distribution, and recovery are disclosed. A cassette or other container may contain a hydrogen storage or storing material. Information may be stored in the material and subsequently read or accessed. A probe may be used to interrogate the material. The hydrogen content or other characteristics of the material may be determined based on the interrogation. A hydrogen dispensing unit may contain a depleted cassette acceptor to accept depleted cassettes and a charged cassette dispenser to dispense charged cassettes. The dispensing unit may be implemented in a hydrogen retail store or as a standalone unit. The retail store or the unit may connect to a hydrogen network and implement various business methods, as disclosed herein.

Type: Application

Filed: September 26, 2011

Publication date: March 21, 2013

Inventor: Scott D. Redmond

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- [Hydrogen storage, distribution, and recovery system](#)

Patent number: 8066946

Abstract: Cassette based systems and methods of hydrogen storage, distribution, and recovery are taught. A cassette or other container may contain a hydrogen storage or storing material. Information may be stored in the material and subsequently read or accessed. A probe may be used to interrogate the material. The hydrogen content or other characteristics of the material may be determined based on the interrogation. A hydrogen dispensing unit may contain a depleted cassette acceptor to accept depleted cassettes and a charged cassette dispenser to dispense charged cassettes. The dispensing unit may be implemented in a hydrogen retail store or as a standalone unit. The retail store or the unit may connect to a hydrogen network and implement various business methods, as taught herein.

Type: Grant

Filed: January 30, 2007

Date of Patent: November 29, 2011

Inventor: Scott D. Redmond

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- [System and method for providing load balanced secure media content and data delivery in a distributed computing environment](#)

Publication number: 20090010426

Abstract: A system and method for providing load balanced secure media content and data delivery (10) in a distributed computing environment is disclosed. Media content is segmented and encrypted into a set of individual encrypted segments on a centralized control center (15). Each individual encrypted segment has the same fixed size. The complete set of individual encrypted segments is staged to a plurality of intermediate control nodes (17, 19). Individual encrypted segments are mirrored from the staged complete set to a plurality of intermediate servers (21a-b, 23a-b). Requests are received from clients (11) for the media content at the centralized control center. Each individual encrypted segment in the set is received from one of an intermediate control node and an intermediate server optimally sited from the requesting client. The individual encrypted segments are reassembled into the media content for media playback.

Type: Application

Filed: January 2, 2002

Publication date: January 8, 2009

Inventor: Scott D. Redmond

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- [Method and apparatus for a hydrogen fuel cassette distribution and recovery system](#)

Patent number: 7399325

Abstract: A cassette-based hydrogen fuel distribution and recovery method and system is disclosed.

Type: Grant

Filed: March 15, 2002

Date of Patent: July 15, 2008

Assignee: Fuelsell Technologies, Inc.

Inventor: Scott D. Redmond

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- [Peered Content Distribution](#)

Publication number: 20080120430

Abstract: A server/client media file distribution system is provided in which the server system is adapted to receive transmission requests from clients, status information from a network, and protocol information from each client. The server, based upon this information, adaptively transmits a given media file stored therein to one or more clients using the optimal transmission speed and/or network protocol based on the network status information and protocol information. Additionally, the present invention provides a looping file arrangement in which a plurality of clients can receive the same media file on multiple network channels, without the need to provide multiple copies of the same media file for each request of that file.

Type: Application

Filed: October 28, 2007

Publication date: May 22, 2008

Inventor: Scott D. Redmond

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- [Media file distribution with adaptive transmission protocols](#)

Patent number: 7301944

Abstract: A server/client media file distribution system is provided in which the server system is adapted to receive transmission requests from clients, status information from a network, and protocol information from each client. The server, based upon this information, adaptively transmits a given media file stored therein to one or more clients using the optimal transmission speed and/or network protocol based on the network status information and protocol information. Additionally, the present invention provides a looping file arrangement in which a plurality of clients can receive the same media file on multiple network channels, without the need to provide multiple copies of the same media file for each request of that file.

Type: Grant

Filed: April 16, 1999

Date of Patent: November 27, 2007

Assignee: Tranz-Send Broadcasting Network, Inc.

Inventor: Scott D. Redmond

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- [Solid-state hydrogen storage systems](#)

Patent number: 7279222

Abstract: Improved hydrogen storage materials are disclosed. A first material comprises a hydrogen storage nanomaterial that contains nanoparticles or nanoparticle clusters of a metal that is capable of combining with hydrogen to form a metal hydride. The nanomaterials may be formed using a thermal spray process. A second material comprises a micro-sized support that contains a hydrogen storage material deposited thereon. The hydrogen storage material may comprise a thermal spray deposit formed on a fly ash particle. A third material comprises a hydrogen permeable container having a hydrogen storage material therein. The container may comprise a microparticle having an internal void (e.g., a fly ash cenosphere or glass microsphere) containing a hydrogen storage material that has been permeated therein. Alternatively, the container may comprise an enclosing layer formed over a hydrogen storage material. The enclosing layer may be a deposited protective layer formed over a particle of a hydrogen storage material.

Type: Grant

Filed: May 21, 2004

Date of Patent: October 9, 2007

Assignee: Fuelsell Technologies, Inc.

Inventors: Andrew K. Hearley, Scott D. Redmond

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- [Personal flight vehicle and system](#)

Patent number: 7182295

Abstract: Various methods, apparatuses, and systems in which an electric-energy lifting panel levitates a user secured to the electric-energy lifting panel. The electric-energy lifting panel includes a first capacitive plate and a second capacitive plate having different geometric dimensions to generate a net-directional force. An ion conditioner ion enhances air around the first capacitive plate and the second capacitive plate.

Type: Grant

Filed: November 12, 2002

Date of Patent: February 27, 2007

Inventor: Scott D. Redmond

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- [Hydrogen storage, distribution, and recovery system](#)

Patent number: 7169489

Abstract: Cassette based systems and methods of hydrogen storage, distribution, and recovery are disclosed. A cassette or other container may contain a hydrogen storage or storing material. Information may be stored in the material and subsequently read or accessed. A probe may be used to interrogate the material. The hydrogen content or other characteristics of the material may be determined based on the interrogation. A hydrogen dispensing unit may contain a depleted cassette acceptor to accept depleted cassettes and a charged cassette dispenser to dispense charged cassettes. The dispensing unit may be implemented in a hydrogen retail store or as a standalone unit. The retail store or the unit may connect to a hydrogen network and implement various business methods, as disclosed herein.

Type: Grant

Filed: December 4, 2002

Date of Patent: January 30, 2007

Assignee: FuelSell Technologies, Inc.

Inventor: Scott D. Redmond

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- [Methods for hydrogen storage using doped alanate compositions](#)

Patent number: 7011768

Abstract: The present invention concerns compositions, apparatus and methods for hydrogen storage. In certain embodiments, the compositions comprise sodium alanate and $\{n5-C5H5\}2TiH2$. In preferred embodiments, the components of the composition are present in specified molar ratios, for example 0.7 NaH to 1.0 Al to 0.1 Ti. In various embodiments, the hydrocarbon rings coordinating the titanium are removed from the composition, for example by melting at 182° C. or higher or by cyclic discharge and recharge of hydrogen at temperatures of 100° C. or less. Methods for producing and using the claimed compositions are also provided. In various embodiments, the alanate composition may be stored, shipped and used in a modular container, such as a cassette. Exemplary hydrogen utilizing systems and methods for ordering, distribution and shipping of cassettes are also disclosed herein.

Type: Grant

Filed: June 16, 2003

Date of Patent: March 14, 2006

Assignee: FuelSell Technologies, Inc.

Inventors: Craig M. Jensen, Scott D. Redmond

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- [Solid-state hydrogen storage systems](#)

Publication number: 20040213998

Abstract: Improved hydrogen storage materials are disclosed. A first material comprises a hydrogen storage nanomaterial that contains nanoparticles or nanoparticle clusters of a metal that is capable of combining with hydrogen to form a metal hydride. The nanomaterials may be formed using a thermal spray process. A second material comprises a micro-sized support that contains a hydrogen storage material deposited thereon. The hydrogen storage material may comprise a thermal spray deposit formed on a fly ash particle. A third material comprises a hydrogen permeable container having a hydrogen storage material therein. The container may comprise a microparticle having an internal void (e.g., a fly ash cenosphere or glass microsphere) containing a hydrogen storage material that has been permeated therein. Alternatively, the container may comprise an enclosing layer formed over a hydrogen storage material.

Type: Application

Filed: May 21, 2004

Publication date: October 28, 2004

Inventors: Andrew K. Hearley, Scott D. Redmond

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- [Methods and apparatus for converting internal combustion engine \(ICE\) vehicles to hydrogen fuel](#)

Publication number: 20040094134

Abstract: The present invention concerns apparatus, kits and methods for converting ICE vehicles to run on hydrogen fuel. Certain embodiments of the invention may comprise HIPAs, hydrogen gas manifolds and/or hydrogen fuel sources. The HIPAs are designed to replace the spark plugs in internal combustion engines and may comprise a hydrogen input tap, hydrogen channel, spark producer and/or one or more feedback sensors. In some embodiments, a computer and/or CPU may electronically control the timing of hydrogen ignition. The computer or CPU may be remotely programmed by modem and telephone connection to provide highly accurate ignition and other engine parameters to optimize vehicle performance and eliminate backfiring and/or pre-ignition. The hydrogen fuel may be packaged into cassettes or other modular storage systems. Cassettes may be inserted into Decom™ units to provide hydrogen fuel to the vehicle.

Type: Application

Filed: August 7, 2003

Publication date: May 20, 2004

Inventor: Scott D. Redmond

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- [Personal flight vehicle and system](#)

Publication number: 20040089763

Abstract: Various methods, apparatuses, and systems in which an electric-energy lifting panel levitates a user secured to the electric-energy lifting panel. The electric-energy lifting panel includes a first capacitive plate and a second capacitive plate having different geometric dimensions to generate a net-directional force. An ion conditioner ion enhances air around the first capacitive plate and the second capacitive plate.

Type: Application

Filed: November 12, 2002

Publication date: May 13, 2004

Inventor: Scott D. Redmond

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- [Solid-state hydrogen storage systems](#)

Publication number: 20040065171

Abstract: Improved hydrogen storage materials are disclosed. A first material comprises a hydrogen storage nanomaterial that contains nanoparticles or nanoparticle clusters of a metal that is capable of combining with hydrogen to form a metal hydride. The nanomaterials may be formed using a thermal spray process. A second material comprises a micro-sized support that contains a hydrogen storage material deposited thereon. The hydrogen storage material may comprise a thermal spray deposit formed on a fly ash particle. A third material comprises a hydrogen permeable container having a hydrogen storage material therein. The container may comprise a microparticle having an internal void (e.g., a fly ash cenosphere or glass microsphere) containing a hydrogen storage material that has been permeated therein.

Alternatively, the container may comprise an enclosing layer formed over a hydrogen storage material.

Type: Application

Filed: October 2, 2002

Publication date: April 8, 2004

Inventors: Andrew K. Hearley, Scott D. Redmond

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• [Hydrogen storage, distribution, and recovery system](#)

Publication number: 20040023087

Abstract: Cassette based systems and methods of hydrogen storage, distribution, and recovery are disclosed. A cassette or other container may contain a hydrogen storage or storing material. Information may be stored in the material and subsequently read or accessed. A probe may be used to interrogate the material. The hydrogen content or other characteristics of the material may be determined based on the interrogation. A hydrogen dispensing unit may contain a depleted cassette acceptor to accept depleted cassettes and a charged cassette dispenser to dispense charged cassettes. The dispensing unit may be implemented in a hydrogen retail store or as a standalone unit. The retail store or the unit may connect to a hydrogen network and implement various business methods, as disclosed herein.

Type: Application

Filed: December 4, 2002

Publication date: February 5, 2004

Inventor: Scott D. Redmond

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• [Hydrogen storage, distribution, and recovery system](#)

Publication number: 20040016769

Abstract: Cassette based systems and methods of hydrogen storage, distribution, and recovery are disclosed. A cassette contains a hydrogen storing material from which hydrogen may be recovered in a hydrogen recovery system. Several different types of materials are disclosed, including those that may be removed from the cassette for hydrogen recovery, and those that may be heated within the cassette for hydrogen recovery. The hydrogen recovery system recovers hydrogen from the cassette and may provide the hydrogen to a fuel cell, a hydrogen powered vehicle, or another hydrogen utilization system. The cassette may be distributed through a common carrier as a non-hazardous material. A hydrogen network may be used to obtain information associated with hydrogen storage, recovery, and utilization from various components of the network, and may be used to implement various business methods, such as distribution of cassettes based on network information, and distribution of cassettes through common carriers.

Type: Application

Filed: September 10, 2002

Publication date: January 29, 2004

Inventor: Scott D. Redmond

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- [Methods for hydrogen storage using doped alanate compositions](#)

Publication number: 20040009121

Abstract: The present invention concerns compositions, apparatus and methods for hydrogen storage. In certain embodiments, the compositions comprise sodium alanate and $\{n5-C5H5\}2TiH2$. In preferred embodiments, the components of the composition are present in specified molar ratios, for example 0.7 NaH to 1.0 Al to 0.1 Ti. In various embodiments, the hydrocarbon rings coordinating the titanium are removed from the composition, for example by melting at 182° C. or higher or by cyclic discharge and recharge of hydrogen at temperatures of 100° C. or less. Methods for producing and using the claimed compositions are also provided. In various embodiments, the alanate composition may be stored, shipped and used in a modular container, such as a cassette. Exemplary hydrogen utilizing systems and methods for ordering, distribution and shipping of cassettes are also disclosed herein.

Type: Application

Filed: June 16, 2003

Publication date: January 15, 2004

Inventors: Craig M. Jensen, Scott D. Redmond

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- [Methods and apparatus for converting internal combustion engine \(ICE\) vehicles to hydrogen fuel](#)

Publication number: 20030234010

Abstract: The present invention concerns apparatus, kits and methods for converting ICE vehicles to run on hydrogen fuel. Certain embodiments of the invention may comprise HIPAs (hydrogen injection port adaptors), hydrogen gas manifolds and hydrogen fuel sources. The HIPAs are designed to replace the spark plugs in internal combustion engines and may comprise a hydrogen input tap, hydrogen channel, spark producer and/or feedback sensor. In some embodiments, a computer and/or CPU may electronically control the timing of hydrogen ignition. In other embodiments, a mechanical timing system may supplement or replace electronic control of ignition timing. In various embodiments, any source of hydrogen fuel may be used. In preferred embodiments, the hydrogen fuel source comprises doped sodium alanate compositions. The hydrogen fuel may be packaged into cassettes or other modular storage systems. Cassettes may be inserted into DecomTM units to provide hydrogen fuel to the vehicle.

Type: Application

Filed: June 25, 2002

Publication date: December 25, 2003

Inventor: Scott D. Redmond

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- [Portable apparatus for providing wireless media access and storage and method thereof](#)

Publication number: 20020056142

Abstract: An apparatus for providing wireless media access and storage and method thereof are described. Data values and program code are stored in a data store in a general purpose memory. The general purpose memory includes a plurality of randomly accessible memory locations. Session-based communication connectivity is provided via a wireless interface with a wireless

information service in accordance with a wireless protocol. A user interface is exported. The user interface includes inputs controls receiving user instructions and output channels capable of media playback. A processor is operatively coupled to the data store, the wireless interface, and the user interface. An operating system is executed responsive to user instructions received via the input controls. The data values and the program code maintained in the data store are cooperatively processed. Media content is received via the wireless information service through the wireless interface for transitory storage in the data store.

Type: Application

Filed: January 2, 2001

Publication date: May 9, 2002

Inventor: Scott D. Redmond

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- [System and method for providing information dispersal in a networked computing environment](#)

Patent number: 6370139

Abstract: A system and method for providing information dispersal in a networked computing environment are described. A plurality of database servers is distributed throughout a networked computing environment. Each database server includes a database storing segments of information staged for retrieval upon user request. A user system uploads a message specifying an information request. The information request identifies a set of the information staged on the database servers for retrieval. A central controller is communicatively interfaced to the user system and each of the database servers and controls the database servers to disperse the information requested in the uploaded message.

Type: Grant

Filed: October 24, 1997

Date of Patent: April 9, 2002

Assignee: Tranz-Send Broadcasting Network, Inc.

Inventor: Scott D. Redmond

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- [Methods and apparatus for generating and processing synthetic and absolute real time environments](#)

Patent number: 5513130

Abstract: A system for generating and processing synthetic and absolute real time remote environments for interaction with a user and her biological senses is comprised of seven modules. These modules store, retrieve and process data to generate an output which interfaces with the system user's biological senses. These modules also track user data to accurately place the user in the generated and processed model. Various embodiments of the system user sensory interface are provided including visual and aural input devices and a three dimensional chamber having interactive tactile output via matrix-addressed, electromechanically operated rods driving a flexible skin.

Type: Grant

Filed: October 18, 1993

Date of Patent: April 30, 1996

Assignee: Redmond Productions, Inc.

Inventor: Scott D. Redmond

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- [Wireless media access and storage apparatus](#)

Patent number: D451096

Type: Grant

Filed: January 2, 2001

Date of Patent: November 27, 2001

Assignee: Tranz-Send Broadcasting Network, Inc.

Inventor: Scott D. Redmond