

Search history

Search 1: FT=(safety and harness and pad*) (Results 6519)

1) Family number: 31766779 (US2005067221A)

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SAFETY HARNESS

Abstract: Source: US2005067221A A preferred embodiment **safety harness** includes two straps that are operatively connected at a juncture and a D-ring proximate the juncture. A retrofittable, removable back panel **padding** is configured and arranged to accommodate the straps and the D-ring to aid in the comfort in donning the **safety harness**.

Probable Assignee: D B IND INC

Earliest Publication Date: 20050324

2) Family number: 30222191 (US2004059212A)

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APPARATUS AND METHOD FOR MEASURING BIOLOGIC PARAMETERS

Abstract: Source: US2004059212A Support structures for positioning sensors on a physiologic tunnel for measuring physical, chemical and biological parameters of the body and to produce an action according to the measured value of the parameters. The support structure includes a sensor fitted on the support structures using a special geometry for acquiring continuous and undisturbed data on the physiology of the body. Signals are transmitted to a remote station by wireless transmission such as by electromagnetic waves, radio waves, infrared, sound and the like or by being reported locally by audio or visual transmission. The physical and chemical parameters include brain function, metabolic function, hydrodynamic function, hydration status, levels of chemical compounds in the blood, and the like. The support structure includes patches, clips, eyeglasses, head mounted gear and the like, containing passive or active sensors positioned at the end of the tunnel with sensing systems positioned on and accessing a physiologic tunnel.

Probable Assignee: GEELUX HOLDINGS LTD

Earliest Publication Date: 20031231

3) Family number: 34707591 (US2001017477A)

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EASY EJECTOR SEAT WITH SKELETAL CRASH SAFETY BEAM

Abstract: Source: US2001017477A An arrangement in passenger vehicles, that diverts the impact energy in impacts away from the passengers to the remaining mass of the vehicle thereby protecting the passengers, and in the same arrangement provides utilitarian access to the vehicle, such utilitarian access making it possible to both install multi-element contoured surround seats for passengers and the driver, and also a **safety** device for head-on collision protection that obviates the need for conventional seat belts and front impact airbags. An indo-skeletal structural arrangement proposed for the vehicle, provides further benefits by targeting the strength of the vehicle to protect passengers while minimizing other massive elements in the vehicle.

Probable Assignee: MMILLENNIUM GROUP INC

Earliest Publication Date: 19990401

4) Family number: 56033950 (US2014084165A)

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SELECTABLE LENS BUTTON FOR A HAZARD DETECTOR AND METHOD THEREFOR

Abstract: Source: US2014084165A According to one embodiment, a hazard detector includes a front casing coupled with a back plate to define a housing having an interior region. The hazard detector also includes a passive infrared sensor device that is disposed within the interior region and that is positioned to face a room within which the hazard detector is positioned so as to detect objects within the room. The hazard detector additionally includes a Fresnel lensing component that is disposed on an exterior of the front casing and that is positioned in front of the passive infrared sensor device to direct infrared radiation onto the passive infrared sensor device. The Fresnel lensing component is configured to be inwardly pushable by a user to cause contact with a switch positioned therebehind so that input is provided to the hazard detector by the user.

Probable Assignee: GOOGLE INC

Earliest Publication Date: 20140327

5) Family number: 50735016 (US2013160291A)

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METHOD OF SERVICING A GAS TURBINE ENGINE

Abstract: Source: US2013160291A A gas turbine engine 10 is provided with rigid raft assemblies 290, which may be electrical **harness** raft assemblies 290 comprising electrical conductors embedded in a rigid composite material. The rigid raft assemblies 290 can be provided with engine dressings, such as pipework and ECUs to produce an electrical raft assembly. In order to assemble or dress the gas turbine engine 10, the rigid raft assemblies can be pre-prepared to incorporate at least a part of at least one gas turbine engine system/component before being installed on the gas turbine engine 10. During maintenance, whole raft assemblies can be removed and replaced with corresponding, pre-prepared assemblies. This can save considerable time during engine build and maintenance.

Probable Assignee: ROLLS ROYCE PLC

Earliest Publication Date: 20130622

6) Family number: 30662403 (US2004210104A)

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CARDIAC **HARNESS** DELIVERY DEVICE AND METHOD

Abstract: Source: US2004210104A The apparatus includes and elongate body having a proximal portion and a distal portion. The body includes a cavity sized to contain a cardiac **harness** in a compacted configuration and also includes a plurality of elongate push rods movable with respect to the body. The cardiac **harness** is releasably connected to each of the push rods such that advancement of the push rods in a distal direction moves the **harness** from a compacted configuration, within the cavity, to an expanded configuration, outside the cavity. The apparatus also includes a releasing member for releasing the connections between the push rods and the **harness** upon actuation of the releasing member by a user.

Probable Assignee: PARACOR MEDICAL INC

Earliest Publication Date: 20040603

7) Family number: 57402222 (US2014265471A)

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CHILD **SAFETY** SEAT

Abstract: Source: US2014265471A The child **safety** seat for transporting a child in a vehicle is configured for the child to be secured to the child **safety** seat with a **safety** belt of the vehicle, and is characterized in that the child **safety** seat comprises a belt **pad** which is adapted to be arranged on the **safety** belt. The belt **pad** of the child **safety** seat preferably comprises a lower component and an upper component, wherein the lower component is configured to be positioned between the **safety** belt and the child when the child is seated in the child **safety** seat and is secured in the child **safety** seat with the **safety** belt, and wherein the upper component is configured to be positioned on the side of the **safety** belt opposite to the side the lower component is positioned on.

Probable Assignee: BRITAX ROMER KINDERSICHERHEIT GMBH

Earliest Publication Date: 20140913

8) Family number: 32538812 (US2006005293A)

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SAFETY HARNESSES

Abstract: Source: US2006005293A A full body **safety harness** to be worn by a person includes an upper torso portion and a lower seat portion. The upper torso portion is operatively connected to the lower seat portion by a first connector on a first lateral side and a second connector on a second lateral side thereof. The first connector and the second connector enable forward and rearward rotation of the upper torso portion relative to the lower seat portion (as in the case of forward and rearward bending by a user of the **harness**) without causing a significant increase in tension in the lower seat portion. A **safety harness** to be worn by a person which includes at least one strap section including a cam buckle in operative connection therewith to adjust a fit of the strap section. A **safety harness** includes a label pack system including a base having an attachment mechanism to attach the base to a strap of the **safety harness** and a closure in operative connection with the base. The base and the enclosure at least partially enclose at least one label (and more typically a plurality of labels) when the closure in a closed state. A **safety harness** includes a strap section having an interior surface that is adjacent a wearer when the **safety harness** is worn and an exterior surface generally opposite the interior surface. The interior surface is perceptibly different from the exterior surface so that a wearer can distinguish the interior surface from the exterior surface. A **safety harness** includes at least one strap section have a first end; the first end including an end member in operative connection therewith, the end member includes a retaining member to connect the end member to the strap or to another strap of the **harness**.

Probable Assignee: HONEYWELL INT INC

Earliest Publication Date: 20060112

9) Family number: 43731528 (US2012167237A)

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ANIMAL MODELS AND THERAPEUTIC MOLECULES

Abstract: Source: US2012167237A The invention discloses methods for the generation of chimaeric human-non-human antibodies and chimaeric antibody chains, antibodies and antibody chains so produced, and derivatives thereof including fully humanised antibodies; compositions comprising said antibodies, antibody chains and derivatives, as well as cells, non-human mammals and vectors, suitable for use in said methods.

Probable Assignee: KYMAB LTD

Earliest Publication Date: 20110113

10) Family number: 41605355 (US2008060873A)

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SAFETY HARNESSES, CONNECTIVE RING ATTACHMENTS FOR USE IN SAFETY HARNESSES AND BACK PADS FOR USE IN SAFETY HARNESSES

Abstract: Source: US2008060873A A back **pad** system for use in connection with a **safety harness** which includes at least two spaced back straps and a connector adapted to be connected to a line or lanyard includes a back **pad** having passages through which the two back straps can be passed to be crossed over the connector, an attachment to which the connector can be moveably attached, and at least one member that captures the connector in an upright position upon application of force such as manual force (either directly or indirectly) to the connector to move the connector to the upright position. A back **pad** for use in connection with a **safety harness** includes at least two spaced back straps and a connector adapted to be connected to a line or lanyard. The back **pad** includes a base comprising passages through which the two back straps can be passed to be crossed over the connector and at least one load indicator. The load indicator includes an area of reduced strength in the base so that the area visibly distends or breaks upon the back **pad** being subjected for a substantial load. The substantial load can, for example, be predetermined to be at least approximately 450 pounds of force. The area of reduced strength can, for example, be an area of reduced thickness. The back **pad** can, for example, include a plurality of areas of reduced thickness.

Probable Assignee: HONEYWELL INT INC

Earliest Publication Date: 20080313

11) Family number: 32394598 (US2005251167A)

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INSTRUMENT FOR EFFECTING ANASTOMOSIS OF RESPECTIVE TISSUES DEFINING TWO BODY LUMENS

Abstract: Source: US2005251167A The instrument disclosed may comprise a tube assembly supporting an end effector that may be adapted for insertion into and through the urethra, and adapted for use in effecting the anastomosis of a patient's bladder and urethra following a prostatectomy. In one embodiment the end effector may comprise a positioner having a deformable wall and actuated by movement of a rod, and a lodging member. In another embodiment the end effector may comprise a positioner and a lodging member, which further comprises a hollow, substantially cylindrical body that is compressed or elongated, and thereby actuated, by relative movement of two substantially coaxial tubes within the tube assembly.

Probable Assignee: ETHICON ENDO SURGERY INC

Earliest Publication Date: 20051110

12) Family number: 61996462 (US2016089554A)

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SAFETY HARNESS

Abstract: Source: US2016089554A A **safety harness** comprises shoulder straps, a waist strap, and a weight distribution assembly interconnecting the shoulder straps and the waist strap. The weight distribution assembly is configured and arranged to transfer a load from proximate the shoulder straps to proximate the waist strap.

Probable Assignee: D B IND LLC

Earliest Publication Date: 20160331

13) Family number: 57274926 (US2014259634A)

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SIGN CONSTRUCTION WITH SECTIONAL SIGN ASSEMBLIES AND INSTALLATION KIT AND METHOD OF USING SAME

Abstract: Source: US2014259634A A modification kit for converting an existing signage mounting structure to an electronic sign generally includes a plurality of display modules; a plurality of sign sections each having a front-facing portion and a rear-facing portion, the front facing portion defining a two dimensional array of bays arranged in a plurality of rows along a vertical direction and a plurality of columns along a horizontal direction, each bay configured to receive one of the display modules, the rear-facing portion for mounting to a surface of the existing signage mounting structure; and a plurality of power routing systems, each power routing system having a power input for coupling to a power source and a plurality of power extensions, each power extension for coupling the power source to one of the plurality of display modules. The modification kit when installed provides the electronic sign.

Probable Assignee: ADTI MEDIA LLC

Earliest Publication Date: 20140902

14) Family number: 32504112 (US2007176477A)

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CHILD SAFETY SEAT, SHELL AND HARNESS

Abstract: Source: US2007176477A A child **safety** seat arrangement is disclosed wherein the child is secured to the **safety** seat by a **harness**. The **harness** is then secured with respect to the vehicle by a mounting arrangement that is independent of any seat shell. Preferably, there is also a seat shell that is itself secured with respect to the vehicle. Also disclosed is a child **safety** seat arrangement having a seat shell with apertures through which a **harness** can be passed. The **harness** preferably includes a main **harness** strap which is looped behind the seat shell, through a pair of apertures therein, to provide two shoulder straps to extend over a child's shoulders. The disclosure includes multiple pairs of apertures to allow for adjustment of the height of the shoulder straps.

Probable Assignee: BRITAX CHILDCARE PTY LTD

Earliest Publication Date: 20051222

15) Family number: 41512621 (US2008049949A)

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LIGHTWEIGHT AUDIO SYSTEM FOR AUTOMOTIVE APPLICATIONS AND METHOD

Abstract: Source: US2008049949A A lightweight radio/CD player for vehicular application is virtually "fastenerless" and includes a case and frontal interface formed of polymer based material that is molded to provide details to accept audio devices such as playback mechanisms (if desired) and radio receivers, as well as the circuit boards required for electrical control and display. The case and frontal interface are of composite structure, including an insert molded electrically conductive wire mesh screen that has been pre-formed to contour with the molding operation. The wire mesh provides EMC, RFI, BCI and ESD shielding and grounding of the circuit boards via exposed wire mesh **pads** and adjacent ground clips. The PCB architecture is bifurcated into a first board carrying common circuit components in a surface mount configuration suitable for high volume production, and a second board carrying application specific circuit components in a wave soldered stick mount configuration. The major components and subassemblies are self-fixturing during the final assembly process, eliminating the need for dedicated tools, fixtures and assembly equipment. The major components and subassemblies self-interconnect by integral guide and connection features effecting "slide lock" and "snap lock" self-interconnection. The radio architecture includes improved push buttons employing 4-bar living hinge linkage and front loaded decorative trim buttons.

Probable Assignee: DELPHI TECHNOLOGIES INC

Earliest Publication Date: 20080221

16) Family number: 31059146 (US2004200868A)

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HARNES SYSTEM FOR ATTACHING CAMERA TO USER

Abstract: Source: US2004200868A A configurable wrist or arm worn camera **harness** (1a) that facilitates convenient carry, access, and secure use of a camera during participation in a physical activity. Camera **harness** (1a) is comprised of an adjustable strap system for attaching **harness** (1a) to operator wrist or arm and a coupling system for attaching, one at a time, cameras of various shapes and sizes to aforementioned **harness** (1a) in a either a manner that allows camera to be moved pivotably while attached to **harness** (1a) and operator or in a manner that secures camera in a fixed, non-pivoting position. A clasping system is incorporated to **harness** (1a) to secure camera in a first secure flat carry position on operator wrist or arm. Clasping system can be released by operator to allow camera to be pivotably moved upright into a second secure position for the purpose of taking a photograph. Regardless of pivotal orientation of camera or closure state of clasping system or manner of camera attachment to user, **harness** (1a) maintains attachment of camera to operator in any event.

Probable Assignee: GOPRO INC

Earliest Publication Date: 20041014

17) Family number: 29578888 (US2003209642A)

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CORNER CLIMBER

Abstract: Source: US2003209642A The present invention is a novel device for climbing inside corners, outside corners, and a variety of surfaces. The technology presented herein relies on high friction materials, suction devices, adhesive materials, pneumatic devices, etc. Specifically, embodiments of the present invention are designed to clamp onto inside or outside corners such that the devices weight, and an optional load, can be supported. Further embodiments allow the device to climb up, down, and across corners. Moreover, embodiments that can scale flat, rough, or jagged surfaces are also disclosed.

Probable Assignee: DMR HOLDING GROUP LLC

Earliest Publication Date: 20031113

18) Family number: 43924541 (US2009281661A)

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APPLICATION OF LOCALIZATION, POSITIONING AND NAVIGATION SYSTEMS FOR ROBOTIC ENABLED MOBILE PRODUCTS

Abstract: Source: US2009281661A A robotic cleaner includes a cleaning assembly for cleaning a surface and a main robot body. The main robot body houses a drive system to cause movement of the robotic cleaner and a microcontroller to control the movement of the robotic cleaner. The cleaning assembly is located in front of the drive system and a width of the cleaning assembly is greater than a width of the main robot body. A robotic cleaning system includes a main robot body and a plurality of cleaning assemblies for cleaning a surface. The main robot body houses a drive system to cause movement of the robotic cleaner and a microcontroller to control the movement of the robotic cleaner. The cleaning assembly is located in front of the drive system and each of the cleaning assemblies is detachable from the main robot body and each of the cleaning assemblies has a unique cleaning function.

Probable Assignee: IROBOT CORP

Earliest Publication Date: 20091029

19) Family number: 33036362 (US2006113147A)

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FALL PROTECTION SYSTEM

Abstract: Source: US2006113147A An improved fall protection system has been developed. The system functions by: (1) arresting the fall of such users, thereby protecting them from impact with the ground which could cause serious injury or death; (2) providing a method of recovery and escape from a fall-arresting device by providing a user with a controlled descent back to the ground or to a lower place of **safety** at a safe and gradual rate of descent; (3) providing greater simplicity and wearer comfort in fall-arresting and self-recovery devices; and (4) incorporating gear storage capability into such protective devices, in order to eliminate the need to wear a separate gear storage pack, vest, tool belt, or other such garment or accessory.

Probable Assignee: DOWNSAFE SYSTEMS LLC

Earliest Publication Date: 20060601

20) Family number: 55891851 (US2014060968A)

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FALL PROTECTION **SAFETY HARNES**

Abstract: Source: US2014060968A Apparatus and associated methods relate to a fall-protection **safety harness** having breathable **padding** structures located at **harness** pressure points, including dorsal and shoulder regions, the lumbar region, and leg regions. The **padding** structures may be constructed to provide air-flow both through and around comfort **pads**. To provide air-flow through the comfort **pads**, the **padding** structures may be made of a sandwich of breathable materials. For example, the **padding** structures may be made by sandwiching reticulated foam **pads** between mesh fabric materials. The foam **pads** may be captured by the two mesh fabrics by a circumferential stitching. Circumferential stitching may permit the reticulated foam to retain its uncompressed form which may facilitate airflow therethrough. Separate and symmetric **pads** may be located on both sides of a wearer's spine, both at the lumbar region and at the dorsal region of the back, permitting airflow between **pads** and along the wearer's spine.

Probable Assignee: HONEYWELL INT INC

Earliest Publication Date: 20140228

21) Family number: 34342781 (US2006124391A)

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SAFETY LINE TRAVELLER AND SUPPORT

Abstract: Source: US2006124391A A traveller for a fall arrest system comprises a body having a passage therethrough, a slot narrower than the passage linking the passage to the exterior of the body, and a load member suitable to attach the traveller to fall **safety** equipment. The slot is formed between an inner gate extending outwardly relative to the passage and an outer gate extending inwardly relative to the passage, the inner gate and outer gate having respective opposed convex surfaces defining the slot between them. The traveller is arranged such that when the traveller is mounted on a support the inner gate and outer gate lie on a common radius of respective concentric circles about the support.

Probable Assignee: LATCHWAYS PLC

Earliest Publication Date: 20040609

22) Family number: 53850618 (US2013300168A)

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FLIP FORWARD BUCKLE ASSEMBLY

Abstract: Source: US2013300168A A **harness** assembly for a child **safety** seat is provided that is configurable between an engaged state and a disengaged state. The **harness** assembly may include a plurality of shoulder straps, each having a buckle tab. The **harness** assembly may further include a buckle assembly having a buckle that can receive the buckle tabs for securing the shoulder straps in the engaged state. The buckle assembly may also include a buckle **pad**, at least a portion of the buckle **pad** being generally aligned with and adjacent to the buckle. A buckle webbing may extend from the buckle for attaching the buckle to the child **safety** seat, and a biasing member may be engaged with the buckle **pad** to bias the buckle assembly toward a first position away from an occupant of the child **safety** seat in the disengaged state. A corresponding child **safety** seat is also provided.

Probable Assignee: BRITAX CHILD SAFETY INC

Earliest Publication Date: 20130523

23) Family number: 28168778 (US2002018281A)

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COUPLED ELECTROCHROMIC COMPOUNDS WITH PHOTOSTABLE DICATION OXIDATION STATES

Abstract: Source: US2002018281A Coupling of anodic electrochromic compounds by a covalent bond or a bridge link which provides for electronic communication between the coupled electrochromic compounds results in coupled electrochromic compounds which exhibit greater stability as well as electrochromic activity that differs from the monomeric electrochromic compounds. Extension of the absorption spectrum into the near-infrared region of the spectrum is frequently observed. The coupled electrochromic compounds are highly suitable for use in electrochromic media used to produce electrochromic devices.

Probable Assignee: GENTEX CORP

Earliest Publication Date: 20010619

24) Family number: 30828317 (US2004166998A)

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EXERCISE DEVICE

Abstract: Source: US2004166998A A collapsible exercise device includes a vertical support member, first and second sets of rails pivotally connected to each other, and a strut interconnecting the vertical support member and the rails. A user support platform engages the rails. First and second combination pulley-support and pull-up bars are pivotally connected to the first end of the first set of rails for movement between at least a substantially vertical position and a substantially horizontal position. First and second pulleys are slidably connected to bars and receive a cable, which is also connected to the user support platform. The exercise device is foldable such that the vertical support member, the rails and the strut are substantially parallel to each other; and the rails are extendable from the vertical support member and are alignable such that the user support platform is rollable along the first and second pulleys.

Probable Assignee: TOTAL GYM GLOBAL CORP

Earliest Publication Date: 20040826

25) Family number: 43946865 (US2012217092A)

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SAFETY LINE TRAVELLER

Abstract: Source: US2012217092A A traveller for **safety** line for a fall arrest system has a slot extending to the exterior of the traveller and a **safety** line locating shuttle provided on-board the traveller wherein the **safety** line locating shuttle is movable relative to the slot along a predetermined path in a direction across the slot. This aids in accurate positioning of the **safety** line with respect to the traveller. The slot can be defined between opposed slot edges which are movable relative to one another to reconfigure the slot.

Probable Assignee: LATCHWAYS PLC

Earliest Publication Date: 20110309