

Search history

Search 1: FT=(furniture and storage and modul* and panel* and cabinet) and IC=(a47b) (Results 652)

1) Family number: 31870095 (US2002017117A)

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INTEGRATED LAUNDRY CENTER

Abstract: Source: US2002017117A An integrated laundry center has an integrated **cabinet** assembly defining a plurality of discrete spaces. Each space can provide a separate **module** for performing a particular fabric care function. A washing machine is at least partly housed within a portion of the **cabinet** assembly defining a washer **module**. A clothes dryer is at least partly housed within a portion of the **cabinet** assembly defining a dryer **module**. A plurality of exterior decorative fascia **panels** are carried by the **cabinet** assembly and can be selected to coordinate with a decor of an individual's home. The integrated laundry center can also include any number of additional and optional **modules** providing virtually any desired fabric care function and equipment. The integrated laundry center can also incorporate an optional control system for controlling virtually any function of each of the integrated laundry center **modules** such as the washing machine functions and the clothes dryer functions. The integrated laundry center can be particularly designed to include only selected **modules** and to have the selected **modules** arranged and oriented as desired.

Probable Assignee: WHIRLPOOL CORP

Earliest Publication Date: 20020130

2) Family number: 41116934 (US2008071200A)

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METHODS AND SYSTEMS OF MOUNTING A VIBRATION MOTOR TO AN ADJUSTABLE BED

Abstract: Source: US2008071200A Aspects of this invention relate to an adjustable bed that may include a motor, including a housing with a flange, an adjustable mattress support having a lateral surface, and an opening with a perimeter disposed within the lateral surface; at least one bracket coupled to the mattress support providing a lateral support surface inside the perimeter of the opening, the lateral support surface shaped and sized to laterally support the flange such that the motor is positioned to impart vibration to a mattress on the mattress support; and a resilient material disposed between the flange and the lateral support surface to provide mechanical insulation therebetween.

Probable Assignee: ASCION LLC

Earliest Publication Date: 20080122

3) Family number: 8541550 (US2002112443A)

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METHOD OF CONNECTING PARTITION PANELS

Abstract: Source: US2002112443A A freestanding portable partition **panel** system is provided for open office spaces and the like. Each **panel** includes a partition frame having vertical upright frame members positioned adjacent opposite side edges thereof, and multiple horizontal frame members attached to the upright frame members in a vertically spaced-apart relationship to rigidly interconnect the same. One or more horizontal rows of discrete slots are defined in each of the horizontal frame members. Cover **panels** are mounted on the partition frames that permit access to the slots, and off-**module** connectors with hooks are provided for engaging the slots for interconnecting **furniture** units in off-**module** positions. For example, the hooks of the connectors are engaged with selected slots to hold a **furniture** unit, such as a partition **panel**, perpendicular to a second partition **panel** in an off-**module** position on its face.

Probable Assignee: STEELCASE INC

Earliest Publication Date: 19950314

4) Family number: 27126733 (US2004217677A)

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MOBILE FURNITURE AND ACCESSORY SYSTEM

Abstract: Source: US2004217677A A mobile **furniture** and accessory system for an office environment includes **storage** components, table or desk components, screen or partition components, paper management components, marker board components, computer support **furniture** and the like, for use in facilitating flexibility in manufacturing such components to user specifications and in arranging such components according to user requirements.

Probable Assignee: KRUEGER INT INC

Earliest Publication Date: 20021219

5) Family number: 23505052 (US5530435A)

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UTILITY DISTRIBUTION SYSTEM FOR MODULAR FURNITURE AND THE LIKE

Abstract: Source: US5530435A A utility distribution system is provided for **modular furniture** of the type comprising individual **furniture** units which are juxtaposed to form one or more workstations. A signal conductor is positioned in each **furniture** unit, and extends generally between opposite sides thereof. Quick-disconnect connectors are provided at the opposite ends of each of the signal conductors, and mate with like quick-disconnect connectors in adjacent **furniture** units to create a communications network through the workstations. Each **furniture** unit has a signaler physically associated therewith, which is connected with an associated signal conductor at a coupler. A network controller is operably connected to the network to evaluate the network and/or the associated **furniture** units. The **furniture** units may be equipped with one or more utility ports, which are connected with the coupler, and service utility appliances, such as personal computers, telephones, facsimile machines, switches, power outlets, data receptacles, and the like. The utility appliances preferably have memory capability to internally store operating instructions for the same, which are transmitted to the network controller when the utility appliance is initialized.

Probable Assignee: STEELCASE INC

Earliest Publication Date: 19950615

6) Family number: 28274374 (US2002104271A)

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MODULAR PATIENT ROOM

Abstract: Source: US2002104271A A **modular** patient room includes a plurality of **modular** wall **panels** or units having various configurations. In some embodiments, the **modular** wall units have water dispensers. Headwall units having water dispensers are also disclosed. The water dispensers are configured to filter water or to sterilize water.

Probable Assignee: WITTRUCK ENTERPRISES LLC

Earliest Publication Date: 20020618

7) Family number: 10279448 (US5092253A)

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MODULAR FURNITURE

Abstract: Source: US5092253A A freestanding **modular furniture** arrangement is provided to create workstations in open office plans, and other similar applications. Each **furniture** unit includes a worksurface with capped cutouts in the rear corners to mount overhead **cabinets**, privacy screens, and other **furniture** accessories. A mounting rail extends continuously along the rearward edge of each worksurface, and is capable of removably supporting therein a plurality of different amenities, such as bookshelves, CRT stands, fans, task lamps, etc., so as to permit a worker to personalize his or her own workstation. A removable stanchion permits certain convertible amenities to be supported either freestanding on the worksurface, or along the rear of the worksurface on the mounting rail. An L-shaped intermediate leg is available to support the worksurface in a cantilevered fashion to facilitate unfettered task chair movement along the forward edge of the worksurface.

Probable Assignee: STEELCASE INC

Earliest Publication Date: 19900807

8) Family number: 32503725 (US2007199262A)

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PATIENT CARE MODULES FOR HOSPITAL WALLS

Abstract: Source: US2007199262A A **modular** wall system is provided for use in a healthcare facility to divide the available floor space into rooms and to support hospital equipment **modules**. The system includes a plurality of frame units configured to rest on the floor and extend vertically upwardly. The frame units form a grid of vertically and laterally spaced apart wall spaces having a predetermined height and a predetermined width. A plurality of patient care **modules** is configured to be positioned in the spaces to form a wall of the healthcare facility.

Probable Assignee: HILL ROM SERVICES INC

Earliest Publication Date: 20051222

9) Family number: 31746938 (US2005073224A)

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MODULAR CABINET SYSTEM

Abstract: Source: US2005073224A A **modular cabinet** structure, process, and system are provided, in which a **modular cabinet** structure comprises a structural frame comprising a first side and a second side, and a first end and a second end opposite the first end, wherein the frame structure comprises a removable frame component at the second end; and a face assembly; wherein the face assembly is fixedly retained within the frame structure when the removable frame component is affixed to the frame structure; and wherein the face assembly is movable in relation to the frame structure when the removable frame component is detached from the frame structure. In frame-style embodiments, the face assembly comprises a central **panel** having a front surface and a back surface, a retaining assembly attached to the back surface of the central **panel**, and a face frame having a front surface and a rear surface attached to the central **panel**. In full **panel**-style embodiments, the face assembly typically comprises a full **panel** having a front surface and a back surface, and a retaining assembly attached to the back surface of the **panel**. The **modular cabinet** structures can be used for **cabinet** doors and/or **cabinet** drawers, such that the face assemblies are readily installed and/or replaced.

Probable Assignee: ID FURNITURE SYSTEMS INC

Earliest Publication Date: 20050317

10) Family number: 42244894 (US2002014951A)

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REMOTE CONTROL FOR A HOSPITAL BED

Abstract: Source: US2002014951A A remote control system includes beds, remote controls, and a master station in communication with the beds and the remote controls. Each bed is adapted to receive requests from a patient associated with the bed, and each remote control is adapted to present requests to a caregiver associated with the remote control. The master station is adapted to receive a nurse call request from a patient via a bed, to identify a remote control that is associated with a caregiver for the patient, and to transmit the nurse call request to the remote control identified as being associated with the caregiver for the patient.

Probable Assignee: HILL ROM SERVICES INC

11) Family number: 49509564 (US2013048631A)

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POWER TOOL **STORAGE AND PACKAGE SYSTEM**

Abstract: Source: US2013048631A A **storage** system for a power component comprising a receptacle including a base and a closure connected to the base, the base and the closure defining an internal space for receiving one or more components, the closure being operable for selectively enclosing the internal space, and a connection means for releasably connecting the base with at least one component that is positioned within the internal space of the receptacle, the connection means including a first connection portion associated with the base for connecting with a second connection portion of the component. A package for containing a product interfacing device with a surface defining a recess that is shaped to conform with an exterior surface of the product and thereby restrict movement of the product relative to the product interfacing device, a removable cover and a connection means for releasably connecting the product interfacing device within the internal space of a receptacle.

Probable Assignee: DEMAIN TECHNOLOGY PTY LTD**Earliest Publication Date:** 20110901**12) Family number: 30065633** (US2003154673A)

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PARTITION **PANEL WITH **MODULAR** APPLIANCE MOUNTING ARRANGEMENT**

Abstract: Source: US2003154673A A freestanding partition **panel** for dividing a floor space includes a rigid partition frame having vertical side frame members and first and second horizontal frame members extending between the vertical side frame members to form a vertically enlarged opening through the frame, and an open space within the **panel**. At least one intermediate horizontal cross member extends across the vertically enlarged opening and defines upper and lower openings through the frame. The intermediate cross member and at least a selected one of the first and second horizontal frame members include a plurality of horizontally spaced apart attachment locations defining a plurality of discrete, serially adjacent mounting spaces. The partition **panel** further includes a utility unit that is mountable in a selected one of the mounting spaces. The partition **panel** further includes a first cover **panel** secured to the partition frame and extending horizontally between the side edge of the utility unit and the selected vertical side frame member. The first cover **panel** is connected to the intermediate horizontal cross member and extends vertically between the intermediate horizontal cross member and the selected one of the first and second members. A second cover **panel** is secured to the partition frame, and extends horizontally between the vertical side frame members. The second cover **panel** extends vertically between the intermediate horizontal cross member and the other of the selected one of the first and second horizontal members.

Probable Assignee: STEELCASE INC**Earliest Publication Date:** 20030821**13) Family number: 28273966** (US2002194791A)

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MOVABLE DISPLAY SUPPORT SYSTEM

Abstract: Source: US2002194791A A movable support system for at least one display device is disclosed having a track system and a base movably mounted at a first section to the track system. A display support assembly adapted for coupling of the display device is pivotally mounted at a second section of the base. The display device installed on the display support assembly may be selectively positioned for use in a variety of locations relative to the track system. An apparatus is also disclosed providing a movable support for a display device, including a track system providing at least one track and a support movably coupled at a first section to the track system. The apparatus also includes a display support movably coupled to a second section of the support and configured for coupling at least two display **panels**. Each of the display **panels** may be positioned for use in a variety of locations relative to the track.

Probable Assignee: STEELCASE INC**Earliest Publication Date:** 20000430**14) Family number: 57944915** (US2016070255A)

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ASSOCIATING COMPUTER-EXECUTABLE OBJECTS WITH THREE-DIMENSIONAL SPACES WITHIN AN ARCHITECTURAL DESIGN ENVIRONMENT

Abstract: Source: US2016070255A Methods and systems allow for creating a variable spatial framework for use in designing and manufacturing an architectural component. The spatial framework can define a three-dimensional space having a plurality of boundaries. The system can receive an input to divide the three-dimensional space into multiple independent cells. Each independent cell can comprise an independently executable software object. A plurality of boundaries of the spatial framework can automatically adjust upon receiving an input defining a manufacturing constraint.

Probable Assignee: ICE EDGE BUSINESS SOLUTIONS LTD**Earliest Publication Date:** 20141204**15) Family number: 3881406** (US5328260A)

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****MODULAR FURNITURE** SYSTEM WITH WIRE MANAGEMENT**

Abstract: Source: US5328260A An office **furniture module** comprising a body portion having a removable top portion adapted for mounting thereto in a spaced relationship with respect to an upper surface to define an upper horizontally extending passage way; one or more optionally removable upper insert **panels** adapted to be mounted between the removable top portion and the body portion; a bottom member also adapted for mounting to the body portion in a spaced relationship with respect to a lower end thereof to define a lower horizontally extending passage way between the bottom member and the lower end; and one or more optionally removable lower insert **panels** adapted to cover one or more respective openings in the body portion communicating with the lower horizontally extending passageway to enable the **furniture module** can be adapted for use with other like **furniture modules** to form a linearly extending course of **furniture modules** with horizontally extending passageways therethrough.

Probable Assignee: MILLER HERMAN INC**Earliest Publication Date:** 19921108

FURNITURE SYSTEM SUPPORTING ENTERTAINMENT ELECTRONICS IN RANGE OF WIDTHS

Abstract: Source: US2004012311A An entertainment center includes a base that expands horizontally to accommodate different width home theater displays; and, a light bridge that rests on top of one or more **cabinets** placed on either side of the base. The side **cabinets** provide a vertical column of open space for accommodating wiring among the entertainment system components and ventilation for heat generated by those components. The base includes casters to facilitate moving the base in and out from between the side **cabinets**. Sliding portions of the base extend horizontally yet continue to transfer all load weight onto the casters. The front woodwork of the base presents a pleasing seam less appearance as a consequence of overlapping trim pieces.

Probable Assignee: FURNITURE DESIGNS BY ASPEN MAURITIUS LTD

Earliest Publication Date: 20040122

PARTITION PANEL SYSTEM AND METHOD

Abstract: Source: US2006162268A An off-**module** connector system for a partition system which detachably connects a first partition with a second partition in a non-parallel, angular relationship at a location on the first partition between the opposite side members thereof. The off-**module** connector system includes top and bottom connector brackets, which engage the attachment slots on the **panel** frames to securely, yet removably, mounting the two partition **panels** in an off-**modular** relationship.

Probable Assignee: STEELCASE INC

Earliest Publication Date: 20060727

FURNITURE WITH WIRELESS POWER

Abstract: Source: US2010290215A **Furniture** components, such as office **furniture** components, that are configured to include electronic components that transfer electrical power to peripheral electronic devices via wireless technologies, including conductive and inductive technologies. The articles of **furniture** may include grommet devices received within work surfaces, the grommet devices incorporating or housing the electronics of wireless power systems. The articles of **furniture** may also include the electronics of wireless power systems physically embedded or integrated within work surfaces in a manner in which the continuous surfaces of the work surfaces are maintained, and the work surfaces may optionally further include lighting or other indication features to indicate the locations of the electronics to a user.

Probable Assignee: KIMBALL INT INC

Earliest Publication Date: 20101118

FURNITURE SYSTEM

Abstract: Source: US2006238085A One of the inventor's concepts is a **furniture** system comprising first and second articles of **furniture** and a hoist. The hoist raises the first article of **furniture**. The second article of **furniture** fits the freed space underneath enhancing its utilization. Another of the inventor's concepts is a freestanding frame to support a hoist that can raise an article of **furniture**. The system can be installed without the aid of a contractor and without damaging ceilings or walls. The frame can be a **cabinet**. A **cabinet** allows the **furniture** to be stored against a wall or as a room partition while hiding the stored **furniture** from view. These concepts can be used to increase the utility of a room. Multiple articles of **furniture** having different uses can be stored in one or more **cabinets** and or closets and selectively removed to adapt the room to one or another function.

Probable Assignee: GREENBERG BERTRAM M

Earliest Publication Date: 20061026

COLLAPSIBLE CART WITH SHELF

Abstract: Source: US2002084607A The invention provides a collapsible cart for transporting books, files, and other items comprising a **cabinet** spine, at least one collapsible shelf, at least one fastener, and a plurality of wheels. The **cabinet** spine has a first surface whereupon at least one collapsible shelf is pivotally mounted. The collapsible shelf is movable between a first position generally perpendicular with respect to the **cabinet** spine and a second position generally parallel with respect to the **cabinet** spine. A fastener is attached to the **cabinet** spine and is designed to be coupled with the collapsible shelf when in the second position. A plurality of wheels are mounted underneath the collapsible cart to allow the cart to be transported from one location to another location. In one embodiment of this invention, first and second doors are pivotally mounted to each side of the **cabinet** spine. The collapsible cart can be placed in a collapsed position by moving the first collapsible shelf to the second position, and the first and second doors to a closed position.

Probable Assignee: ICB LLC

Earliest Publication Date: 20001130

PARTITION SYSTEM

Abstract: Source: US2004093805A A partition system for office spaces generally includes a framework and a plurality of different types of decorative and/or functional tiles mountable to the framework. The framework includes I- and C-shaped vertical frame members which are adjustably joined by upper and lower horizontal spanners such that the distance between the vertical frame members is adjustable. Also, the framework may include other types of vertical frame members for forming L-, T-, or X-junctions within the partition system framework. A variety of decorative and functional tiles are mountable to the framework, including retractable workspace tiles, several types of **storage** tiles, display tiles, window tiles, and electrical and data services tiles.

Probable Assignee: KIMBALL INT INC

Earliest Publication Date: 20031218

22) Family number: 23263783 (US6021613A)

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HYBRID OFFICE **PANEL** CONSTRUCTION FOR A **MODULAR** OFFICE **FURNITURE** SYSTEM

Abstract: Source: US6021613A A wall spine assembly for a **modular** office system comprises a plurality of individual **panel** assemblies. Each of the **panel** assemblies includes a vertical support structure and mechanically affixed lower **panels** in a rigid box-beam structure. Facing **panels** are removably attached to support brackets mounted on the vertical supports. A cavity exists between the facing **panels** and vertical supports to permit the lay-in of cabling through the office system. A crown member is provided on the top of the vertical support and is adapted to receive brackets for the mounting of accessories above a desk or other work surface attached to the **panel**. The **panels**, and especially the crown, permit the mounting of office components such as shelves, **storage cabinets**, lighting fixtures and the like anywhere along the horizontal length of the wall. A horizontally telescoping vertical end post is also provided.

Probable Assignee: KNOLL INC

Earliest Publication Date: 19981128

23) Family number: 64361331 (US2016360882A)

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FREESTANDING DESKTOP **STORAGE** UNIT FOR SUPPORT OF A PRIVACY **PANEL**

Abstract: Source: US2016360882A A desktop **storage cabinet** adapted to sit on a desktop and support a privacy **panel**. The **storage cabinet** includes an integrated horizontal slide pocket along its back open at least a first end of the **storage** element and adapted to receive and support a privacy **panel** which extends from within the slide pocket outwardly beyond the pocket.

Probable Assignee: EDWARDS JOHN R

Earliest Publication Date: 20161213

24) Family number: 31883235 (US2005099042A)

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INSTALLATION APPARATUS FOR AN AUTOMOBILE ENTERTAINMENT SYSTEM

Abstract: Source: US2005099042A An apparatus is provided for drawing cables having a connector shroud at a distal end thereof through a back of an automobile seat in the installation of an automobile entertainment system. The apparatus includes an eyelet shaped and dimensioned for selective attachment to the connector shroud. The eyelet includes a housing shaped and dimensioned to fit over the connector shroud. The housing includes a coupling member shaped and dimensioned for engagement with a wire puller.

Probable Assignee: VITITO CHRISTOPHER J

Earliest Publication Date: 20050512

25) Family number: 32085031 (WO03043465A1)

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FURNITURE PRODUCTION SYSTEM

Abstract: The invention relates to a method of optimising material used in **panels** which are produced for the construction of **modular furniture** using a matrix of cutouts and a tongue-and-groove-type assembly system. The invention is characterised in that the matrix can be used to generate layouts with different types of cutouts. In this way, **modular** structural construction elements having different size and combination possibilities are generated and material wastage is minimised in relation to the **panel** produced.

Probable Assignee: LUIS ANTONIO LIRA CAMPINO

Earliest Publication Date: 19991007

26) Family number: 10840602 (US4685255A)

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WORK SPACE MANAGEMENT SYSTEM

Abstract: Source: US4685255A A work space management system for dividing a room into separate work areas comprising a wall system having a rigid framework formed of rigid rectangular frames rigidly joined together at the edges thereof to form at least one work area, wire management elements secured to the frames for communication and power wiring and a plurality of **modular panels** removably hanging on the frames. At least some of the wire management elements are secured to the bottom or baseline of the frames and at least some of the wire management elements are removably secured to a waistline or midportion of at least some of the frames. In some cases, the frames only extend to a waist height and in other cases, the frames extend to a full **panel** height. The **panels** are sized to fit between the waistline wire management elements and the baseline wire management elements to substantially cover the frames therebetween. The work management system provides an architectural wall system with flexibility for interchangeable **panels** for different decorative effects as well as functional features. The **panels** can be fabric or vinyl covered, or can comprise acoustical **panels**, window **panels**, work-in-process **panel** rails or lighting **panels**.

Probable Assignee: MILLER HERMAN INC

Earliest Publication Date: 19860319

27) Family number: 29256185 (US4807539A)

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MULTI-STATION **MODULAR** OFFICE **FURNITURE**

Abstract: Source: US4807539A Multiple station **modular** office **furniture** including a primary table top partitioned to be shared privately by four users and coordinated with two lateral table tops partitioned to be shared by said four users so that each user has a primary table portion and a lateral table portion, vertical **panels** assembled with said tops utilizing slots in said **panels** and tops to provide a balanced, stable, strong structure.

Probable Assignee: CASTILLO HAUCKE J M DEL

Earliest Publication Date: 19871209

28) Family number: 66574918 (US2017224100A)

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EMBEDDED **FURNITURE** HAVING RETRACTIBLE LEGS WITH LIGHTING

Abstract: Source: US2017224100A Embedded **furniture** systems include a wall having a recessed pocket, a **furniture** element hingedly connected to the wall and selectively moveable between a **storage** position in which the **furniture** element is vertically disposed in the pocket and a utility position in which the **furniture** element horizontally extends from the pocket, and a support structure hingedly connected to the **furniture** element and selectively positionable between an extended position in which the support structure protrudes substantially perpendicular to the **furniture** element and a retracted position in which the support structure extends substantially parallel to the **furniture** element. An illuminating mechanism illuminates a lighting element disposed in the support structure when the support structure is in the retracted position by bringing a contact element connected to the surface of the **furniture** element into communication with a circuit element connected to the surface of the support structure to complete an electrical circuit.

Probable Assignee: DIRTT ENVIRONMENTAL SOLUTIONS LTD

Earliest Publication Date: 20170810

29) Family number: 30455535 (WO9719617A2)

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MODULAR DESK AND DESK SYSTEM

Abstract: A **modular** desk positioned on a floor includes a worksurface member, a pair of legs and a **module** maintainer. The worksurface member has a front edge, a back edge, a top surface and a bottom surface. Each leg is mounted to the bottom surface of the worksurface member. The **module** maintainer includes a pair of support members and a generally vertical wall extending between the support members. The generally vertical wall runs substantially the length of worksurface member. The wall has a boundary surface which is the most rearward surface of the desk and a bottom edge spaced apart from the floor. The wall is also spaced apart from the back edge of the worksurface member to thereby allow for the passage of cables between the vertical wall and the back edge. Another aspect of the invention is a **modular** power unit mounted to a bottom of the **module** maintainer. The power unit includes a power distribution system disposed in a housing.

Probable Assignee: MILLER HERMAN INC

Earliest Publication Date: 19970605

30) Family number: 17042159 (US5947569A)

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FREESTANDING **FURNITURE** DEFINING OFFICE WITH ADJUSTABLE FOOTPRINT

Abstract: Source: US5947569A A telescopingly adjustable **furniture** article is provided for filling an office space where the footprint dimensions of the office space are not known ahead of time or are likely to be periodically changed to different sizes. The **furniture** article includes a desk having a work surface with ends, a support for supporting one of the ends, and a foot on the other end. A **storage** unit or **cabinet** having a top is provided. The foot adjustably rests on the top so that the top supports the other end of the work surface, but so that the **furniture** unit is horizontally adjustable to different locations partially under the work surface. A Z-bracket interconnects the work surface to the top of the **cabinet** to secure the relationship of the **cabinet** and the desk. The **furniture** article can advantageously be used by itself, in combination with a building wall or demountable architectural wall, or in combination with a partition system to define a plurality of non-uniformly dimensioned offices. The **furniture** article is further adjustable to optimize use of space in the offices, but while staying within the dimensions of the office space footprints.

Probable Assignee: STEELCASE DEVELOPMENT INC

Earliest Publication Date: 19981119

31) Family number: 32652842 (US2007011950A)

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IN OR RELATING TO SEALS

Abstract: Source: US2007011950A A **storage** compartment comprises a container defining an access aperture closable by a closure that can be sealed to the container around the aperture and that can be opened by relative movement between the container and the closure in a lateral direction with respect to the aperture, the container having a first sealing loop around the aperture and the closure having a second sealing loop co-operable by alignment with the first sealing loop to maintain a seal when the closure closes the aperture. The sealing loops are moved into and out of mutual alignment by said relative movement between the container and the closure and at least one of the sealing loops includes magnetic means for attracting the other of the sealing loops to maintain a seal when the sealing loops are mutually aligned.

Probable Assignee: APPLIED DESIGN AND ENGINEERING LTD

Earliest Publication Date: 20040818

32) Family number: 32304253 (US2005236946A)

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DRAWER APPLIANCE

Abstract: Source: US2005236946A A **modular cabinet** for a family of drawer appliances including an insulated liner defining a drawer space, a machine compartment, a wiring harness leading from the machine compartment to the drawer space, a passage leading from the machine compartment to the drawer space and an air passage leading from the machine compartment to the front of the **cabinet** and a drain leading from the liner space to the machine compartment. The family of drawer appliances can include refrigerator, freezer, ice maker, wine and warming drawers. A drawer can have two compartments and can be maintained at two temperatures. The drawers include an insulated front and a bin and can be slidably carried in the drawer space. The **modular cabinet** and control can be used for each member of the family of drawer appliances.

Probable Assignee: WHIRLPOOL CORP

Earliest Publication Date: 20051017

MODULAR SUB-CABINET FOR MOTION FURNITURE

Abstract: Source: US2004164659A The present invention is a sub-cabinet readily insertable and removable from a larger decorative cabinet. The invention is comprised of a box-like structure having at least three panels perpendicularly disposed with respect to a floor panel and attached thereto, a lit vertically disposed within the box-like structure and fastened thereto, and a control module disposed within the box-like structure and fastened thereto. The control module receives commands from a limit switch so as to stop the lift motion when fully retracted or extended. Furthermore, the control module regulates electrical power to a display device fastened to the lift based upon the direction of travel of the support unit. The control module receives function commands from either a wireless remote or a switch. An alternate embodiment of the present invention further comprises a safety strip attached about an edge along one or more panels adjacent to a movable lid hinged to a decorative cabinet. The safety strip communicates with the control module so as to reverse the direction of the lift when contacted. Another embodiment of the present invention further comprises one or more storage areas within the box-like structure.

Probable Assignee: WIESLAW BOBER

Earliest Publication Date: 20040826

STORAGE SYSTEM

Abstract: Source: US6398323B A storage system for sheeted objects such as clothes, including a storage unit, formed of a first component and a second component, and a rail assembly which includes a main rail and an extension portion in the form of at least one pivotally or telescopically connected rail element. The element is adapted to be supported in an extended condition, externally of the first component, so as to increase the effective length of the rail assembly when the second component is in an open condition.

Probable Assignee: LEE FURN LI

Earliest Publication Date: 19981121

ORGANIZER/STORAGE SYSTEM THAT MOUNTS ON TOP OF A COMPUTER WORKSTATION

Abstract: Source: US2011115346A An organizer/storage system that mounts on top of a computer workstation for storage of office supplies, devices, or files that makes efficient use of the available space above, or on one or both sides of the computer workstation. The organizer/storage system includes a top platform and side panels, and may include back and bottom panels with interlocking closure systems, and slide-in shelves with optional drawers. Optional cutouts in the side panels allow airflow to cool the computer, and optional cutouts in the back panels permit connection of conduit or electrical wires. When adaptive fasteners are used for attachment to the computer workstation, the height of the organizer/storage system may be adjusted. Exterior side shelves may be attached to one or both of the side panels to permit storage of a greater variety of objects. The organizer/storage system may be made from a single sheet of suitable material.

Probable Assignee: BIELECKI PAVEL

Earliest Publication Date: 20110519

MULTI-FUNCTIONAL, MULTI-CONFIGURABLE FURNITURE SYSTEM

Abstract: Source: US2013257234A The components of the furniture system, in a vertical orientation, have a cabinet with a central opening in an upper section and a plurality of support panels stacked in a laterally oriented position within the central opening. The cabinet is adapted to be placed against a structure such as a wall. Engaging items include a television. The cabinet further has a horizontal orientation with a top opening and alternate configuration and function such as a bed or sofa. In this configuration the support panels are repositionable to span the entire horizontal top opening of the cabinet. The repositioning of such components is done by mechanisms such as hinges, rails and/or manually repositioning the components.

Probable Assignee: KUMAR SIVATHANU B

Earliest Publication Date: 20130402

MODULAR STORAGE AND SUPPORT ASSEMBLY

Abstract: Source: US5915803A A modular storage and support assembly uses a platform system that includes vertically disposed support posts. The support post has an extended tubular body and a plurality of symmetrically spaced, radially extending flanges running the length of the tubular body. Each flange has a first portion extending radially from the post and a second portion at the terminal end of the first portion. A slot is defined between each pair of adjacent flanges for receiving vertical panels or other inserts.

Probable Assignee: INTERMETRO IND CORP

Earliest Publication Date: 19961024

STORAGE SYSTEM HAVING PANEL SYSTEM WITH INTERCHANGEABLE EXPOSED SURFACES

Abstract: Source: US2013264924A A panel set system and storage system is provided having faces which can be easily interchanged, creating a new look for the furniture and even the whole room. The new decor is easily accomplished at reasonable prices the average homeowner can afford.

Probable Assignee: TUSK MOSHE

39) Family number: 31450092 (US2005011138A)

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WORK SPACE MANAGEMENT SYSTEM

Abstract: Source: US2005011138A A work space system including a plurality of work areas. A work area includes a spine wall, a first wall adjacent to the spine wall and extending from the spine wall, and a second wall adjacent to the first wall and including an entrance to the work area. The height of the second wall is greater than the height of the first wall, and the height of the first wall is greater than the height of the spine wall.

Probable Assignee: HERMAN MILLER INC**Earliest Publication Date:** 20050106**40) Family number: 56392766** (US2014124468A)

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CONSOLE MODULE AND MODULAR CONSOLE SYSTEM

Abstract: Source: US2014124468A The present invention relates to console **modules** and **modular** console systems. In one aspect, a console **module** unit is provided comprising a frame, the frame comprising first and second spaced apart frame sections, each frame section comprising two spaced apart side supports and two spaced apart lateral supports, each lateral support disposed between and forming junctions with corresponding ends of the side supports, and a plurality of cross supports interconnecting the first and second frame sections, wherein at least one of the side, lateral, and cross supports is in the form of an extrusion, the extrusion defining at least one re-entrant channel extending in a direction of its longitudinal axis, the at least one re-entrant channel for receiving at least a portion of a coupler. In another aspect, a **modular** console system comprising at least two console **modules** is provided.

Probable Assignee: EVANS CONSOLES CORP**Earliest Publication Date:** 20140507**41) Family number: 33125183** (US2009000316A)

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MODULAR REFRIGERATION UNIT AND PROCESS FOR ASSEMBLING A MODULAR REFRIGERATION UNIT TO A CABINET OF A REFRIGERATION APPLIANCE

Abstract: Source: US2009000316A The present invention relates to a **modular** refrigeration unit for a refrigeration appliance, and to a process for assembling the **modular** refrigeration unit to a **cabinet** of a refrigeration appliance. A **modular** refrigeration unit (3) includes a base plate (6) supporting a condensing assembly (7), which comprises condensing means (8) and a compressor (9), and an evaporating assembly (10) comprising an evaporator (11); the condensing assembly and the evaporating assembly are operatively interconnected. The evaporating assembly (10) is arranged, in use, vertically spaced apart and above the compressor (9); the evaporating assembly (10) is supported by support means (24) vertically extending from the base plate (6); insulating means (16) separate the evaporating assembly (10) from the condensing assembly (7, 107).

Probable Assignee: ELECTROLUX AB**Earliest Publication Date:** 20060720**42) Family number: 65965987** (US2017160053A)

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FIREARM STORAGE APPARATUS

Abstract: Source: US2017160053A A firearm **storage** apparatus comprising a base including a first groove, a first **storage panel** removeably supported within the first groove, the first **storage panel** including a plurality of slots that traverse a face of the first **storage panel** and a plurality of adjustable straps, each strap mated to the first **storage panel** through two of the slots and adjustable in position along the first **storage panel** and adjustable in degree of tightness to secure a firearm to the first **storage panel**.

Probable Assignee: CHAVIRA CARLOS**Earliest Publication Date:** 20170608**43) Family number: 32280450** (US2007184723A)

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MODULAR STORAGE SYSTEM, COMPONENTS THEREFOR, STORAGE METHOD AND KIT

Abstract: Source: US2007184723A A **modular storage** system includes one version using clip members to attach vertical **panels** to a free standing support structure and another version uses a horizontal cleat or mounting members fastened to a vertical wall to support vertical **panels** to support vertical **panels**. The **panels** may be detachably mounted.

Probable Assignee: SPACEMAXX INC**Earliest Publication Date:** 20051006**44) Family number: 68083590** (WO18004418A1)

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PRE-MOUNTED FURNITURE MODULE

Abstract: A **furniture module** for forming part of a piece of **furniture** is provided. The **furniture module** comprises a first **panel** (102) and at least one second **panel** (104) being pre-mounted to said first **panel** (102) by means of an adhesive (161) forming a hinge connection (105) between said first **panel** (102) and said second **panel** (104), wherein a side portion (108) of the first **panel** (102) is facing a side portion (109) of the second **panel** (104) when the **furniture module** is assembled into a final corner shape, and wherein the adhesive (161) is arranged along at least a part of the length of the side portion (108) of the first **panel** (102) and at least a part of the length of the side portion (109) of the second **panel** (104).

Probable Assignee: IKEA SUPPLY AG**Earliest Publication Date:** 20171231

WORKSTATION

Abstract: Source: US2010126394A A workstation system (1) comprising with a plurality of desktops e.g. (3a), each desktop (3a) comprising a primary work area (33) and at least one recessed portion e.g. (34b) providing an auxiliary work area e.g. (36b). The recessed portions (34b) of adjacent desktops (3a-3d) can be arranged to provide an interactive work area (6a-6d) for multiple people.

Probable Assignee: FORMWAY FURNITURE LTD

Earliest Publication Date: 20080410

CONNECTORS USED IN MODULAR FURNITURE SYSTEM

Abstract: Source: US2014161518A A connector for connecting two furniture modules or other stationary objects to form a modular system. The connector includes two hardware pieces, to be mounted onto two furniture modules, respectively. The first piece fits into the second piece in a loading/unloading position, and then moves to a locked position where prongs of the first piece are dovetailed with slots of the second piece. A detent on one hardware piece and a track in the other hardware piece are provided to help the first piece stay in the locked position, but to allow the first piece to move out of the locked position into the loading/unloading position when sufficient force is applied. A furniture unit formed by joining multiple modules using the connector can safely withstand reasonable outside forces in various directions without shifting or separating. The system also allows for easy and intuitive unlocking/dismounting to separate the two modules.

Probable Assignee: KO KENNETH H

Earliest Publication Date: 20140612

HYBRID MODULAR FURNITURE AND STORAGE CONTAINER UNIT

Abstract: Source: US2012074823A In accordance with an embodiment, a hybrid modular furniture and container unit includes a base shell, a base core layer, and a set of base inner panels. The base shell has a shell bottom, a first shell wall, a second shell wall, a third shell wall, a fourth shell wall, and upper flaps associated with each of the respective walls. The base core layer has a core bottom, a first core wall, a second core wall, a third core wall, and a fourth core wall. The core layer is disposed within the base shell. The base inner panels include a first inner panel wall, a second inner panel wall, a third inner panel wall, and a fourth inner panel wall. The inner panel walls disposed within the shell and each upper flap is folded over a respective core wall and inner panel wall.

Probable Assignee: MUVO LLC

Earliest Publication Date: 20120329

ND PANEL SUPPORT SYSTEM

Abstract: Source: US3857622A A furniture construction system wherein standardized 5 inch modular components are supported between special end panels. Cover members positioned over the end panels are provided with special releasable fastening means whereby the covers may be readily removed to provide access to the fastening mechanisms utilized to fix the panels and supported components, as desks, tables, and the like, together.

Probable Assignee: STEELCASE INC

Earliest Publication Date: 19741219

MODULE DE SUPPORT ESCAMOTABLE A CONFIGURATION DE RANGEMENT ET DE DEPLOIEMENT, PANNEAU, PLAQUE ET PROCEDES DE FABRICATION ET D'ASSEMBLAGE DE TELS ELEMENTS, MEUBLE ASSOCIE**MODULE SUPPORT POP CONFIGURATION STORAGE AND DEPLOYMENT PANEL PLATE AND MANUFACTURING PROCESSES AND ASSEMBLY OF SUCH ELEMENTS ASSOCIATED FURNITURE (MACHINE TRANSLATION)**

Abstract: Source: FR3016201A Module de support escamotable a configuration de rangement et de deploiement, panneau, plaque et procedes de fabrication et d'assemblage de tels elements, meuble associe. L'invention concerne un module de support escamotable (1) comprenant: - un premier panneau longitudinal (200A) pourvu d'une premiere encoche primaire (203A), - un premier panneau transversal (300A), monte a pivotement sur ledit premier panneau longitudinal (200A) par l'intermediaire de ladite premiere encoche primaire (203A), caracterise en ce que ledit premier panneau longitudinal (200A) comprend: - une premiere plaque (500A) elementaire presentant un premier onglet (501 A) et un premier evidement (502A), - une deuxieme plaque (500B) elementaire presentant un deuxieme onglet (501 B) et un deuxieme evidement (502B), ladite premiere plaque (500A) etant solidaire de ladite deuxieme plaque (500B), et reposant sur ladite deuxieme plaque (500B) par l'intermediaire du premier onglet (501 A), lequel recouvre le deuxieme onglet (501 B), lesdits premier et deuxieme evidements (502A, 502B) formant ladite premiere encoche primaire (203A). Supports escamotables. Retractable support module has storage configuration and deployment, panel, plate and manufacturing processes and assembly of such twigs, furniture associates. The invention relates to a collapsible support module (1) comprising: - a first longitudinal panel (200A) having a first primary notch (203A), - a first transverse panel (300A) pivotally mounted on said first longitudinal panel (200A) via said first primary notch (203A), characterized in that said first longitudinal panel (200A) comprises: - a first plate (500A) having a first elementary tab (501 A) and a first recess (502A), - a second plate (500B) elementary having a second tab (501 B) and a second recess (502B), said first plate (500A) being integral with said second plate (500B), and resting on said second plate (500B) through the intermediary of the first tab (501 A), which covers the second tab (501 B), said first and second recesses (502A, 502B) forming said first primary notch (203A). Supports retractable.

Probable Assignee: PARRINGTON MONOTYPES

Earliest Publication Date: 20150710

MODULAR FURNITURE AND STRUCTURES

Abstract: Source: US2017035197A Embodiments of the present invention generally relate to **furniture**, housing and office accessories, and interior design. More specifically, embodiments of the invention relate to **modular furniture**, **modular** structures, a **modular furniture** system, and a **modular** unit for use in the **modular furniture**, the **modular** structures, the **modular furniture** system, and an interior design system. In some embodiments, the **modular furniture** system comprises a plurality of **modular** units that can be interconnected to one another to form **furniture** and other structures. Each **modular** unit comprises a plurality of side members interconnected to one another using connectors. The connectors can also be used to interconnect one **modular** unit to another **modular** unit.

Probable Assignee: COMSERO INC

Earliest Publication Date: 20170209