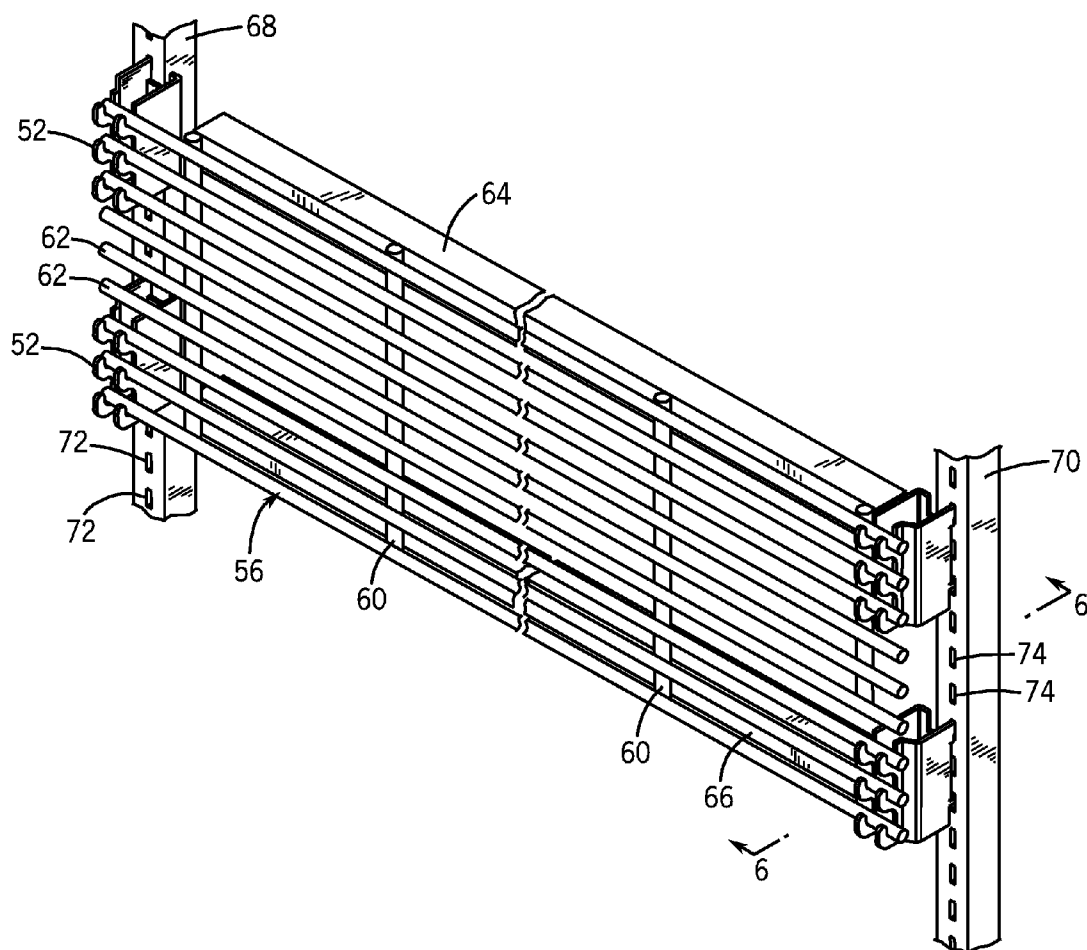


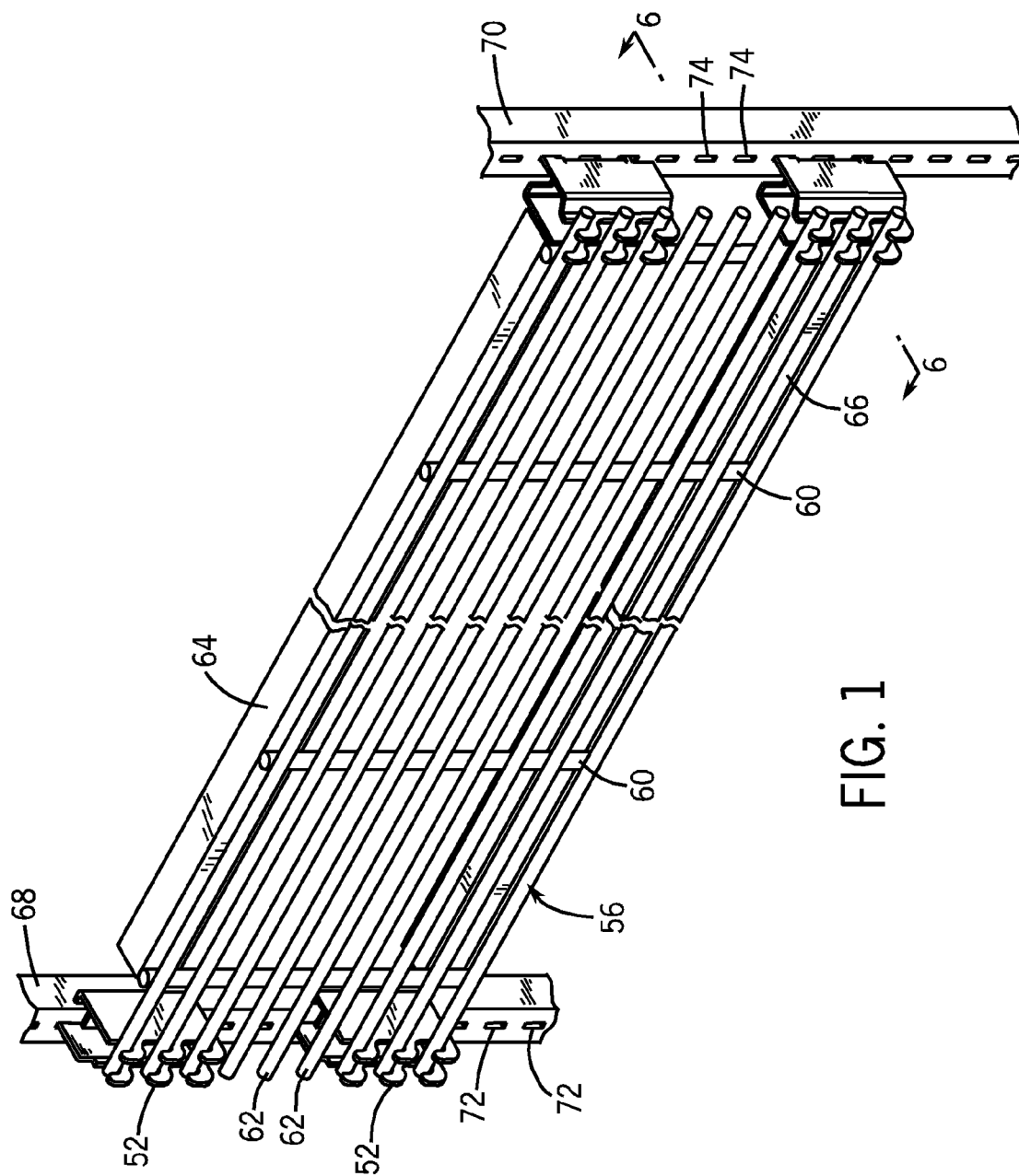


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(19) **United States**(12) **Patent Application Publication**
Johnson(10) **Pub. No.: US 2008/0179267 A1**(43) **Pub. Date: Jul. 31, 2008**(54) **PRODUCT DISPLAY GRID SYSTEM AND
GRID WALL HANGING BRACKET USED
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A47F 5/08 (2006.01)(52) **U.S. Cl.** **211/87.01; 248/207**(57) **ABSTRACT**

A grid wall display system and grid wall brackets for use therein, the grid wall brackets configured to removably secure to adjacent vertical supports and to securely retain a grid wall panel therebetween, without requiring permanent attachment or hardware to secure the grid wall panel to the bracket or the bracket to the vertical supports. The grid bracket includes a first rearwardly extending attachment tab including an upward projection and a downward projection, each projection designed to allow the bracket to fit within or clear the slots of the slotted vertical support when pivoted or tipped at an angle with respect to the position of the vertical support, but also to prevent removal or slippage of the bracket when the grid wall itself is installed or repositioned thereon.





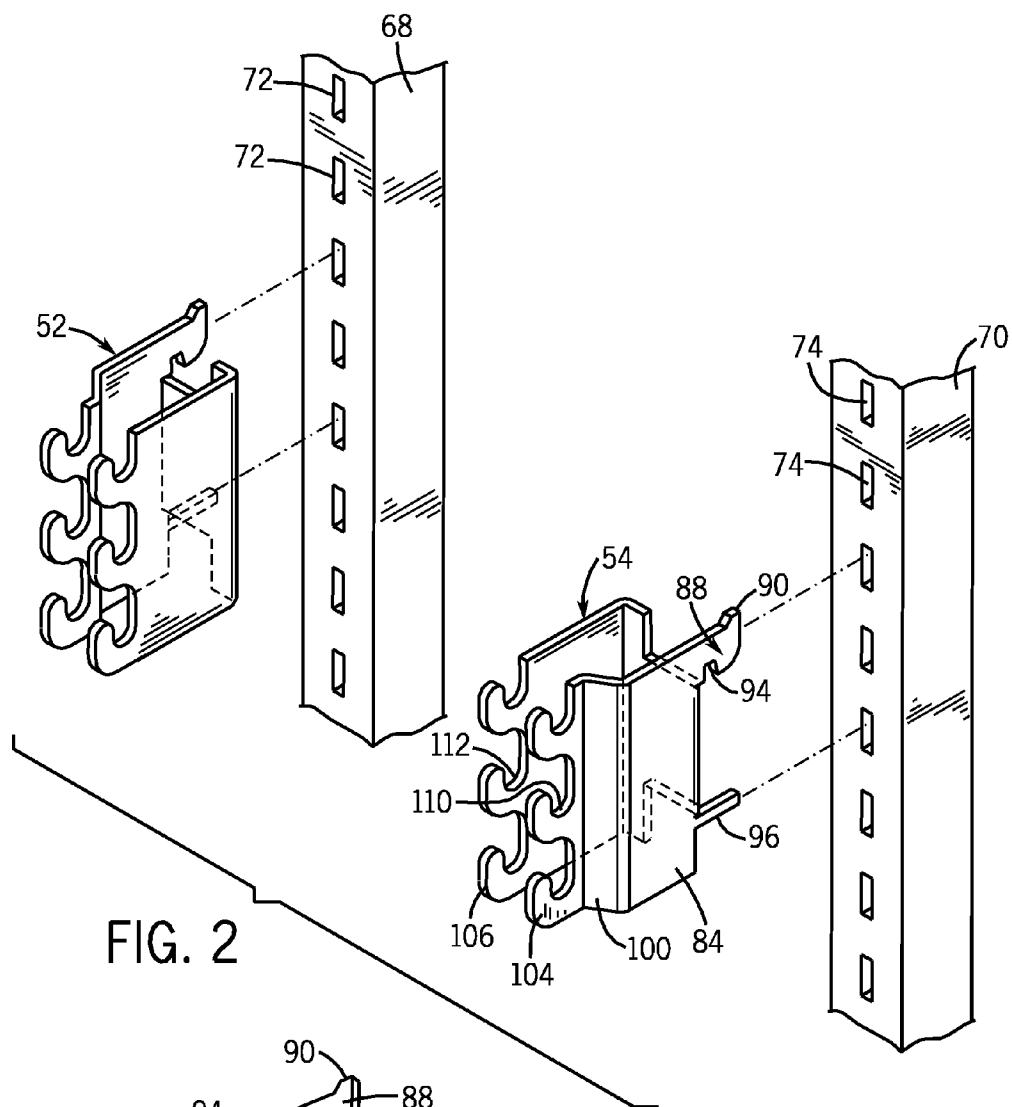


FIG. 2

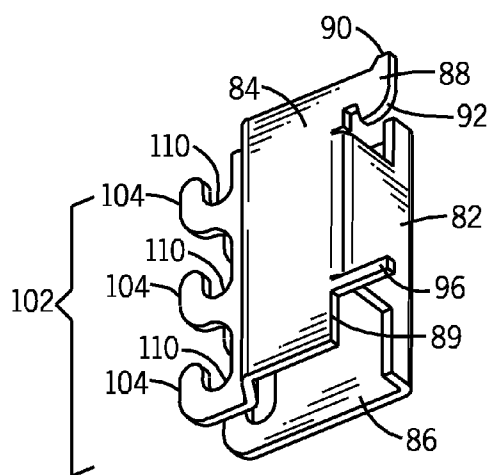


FIG. 3

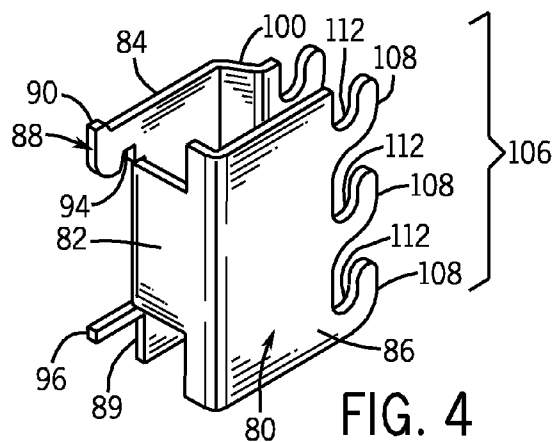


FIG. 4

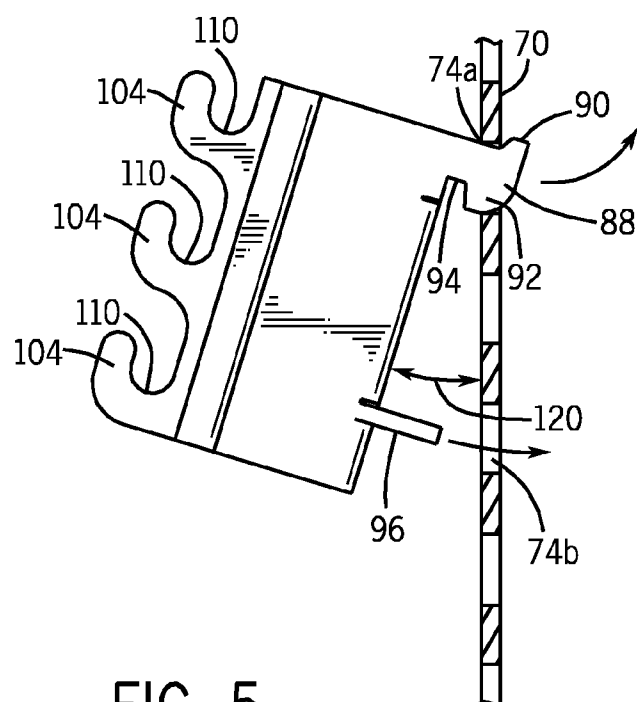


FIG. 5

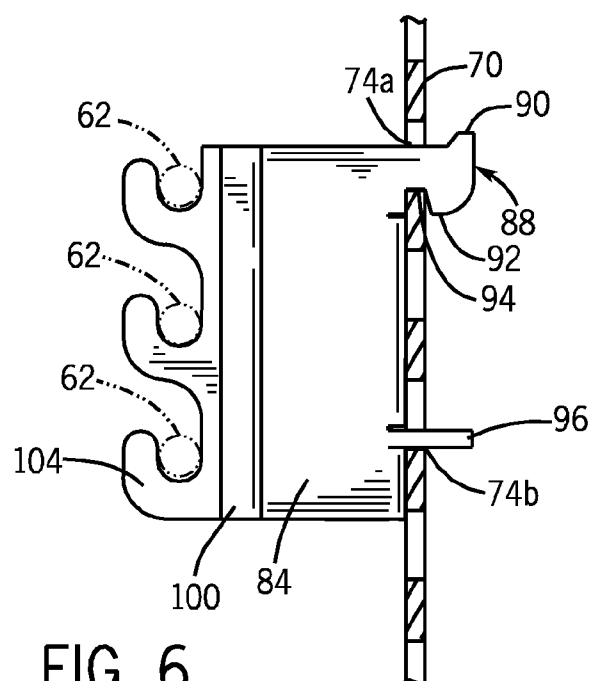


FIG. 6

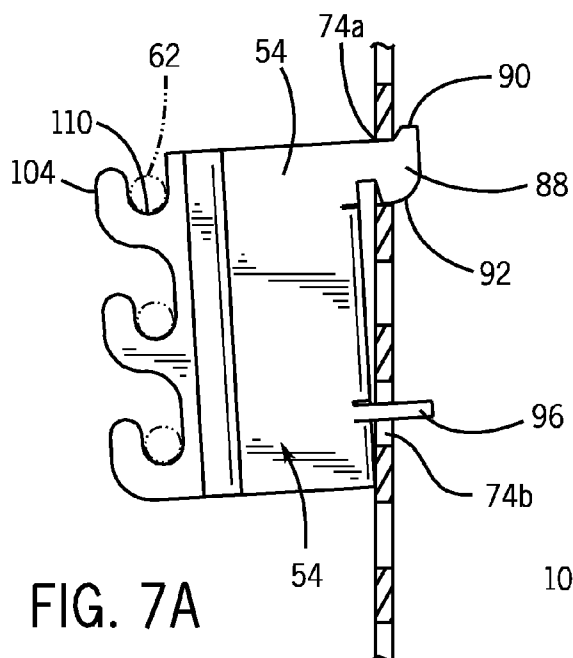


FIG. 7A

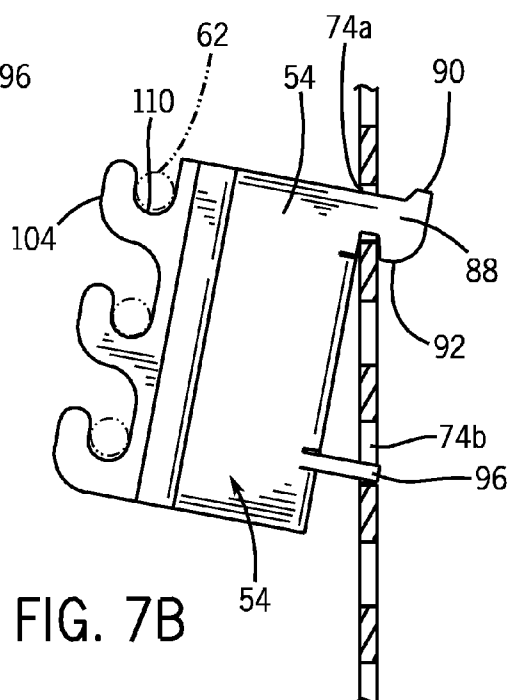


FIG. 7B

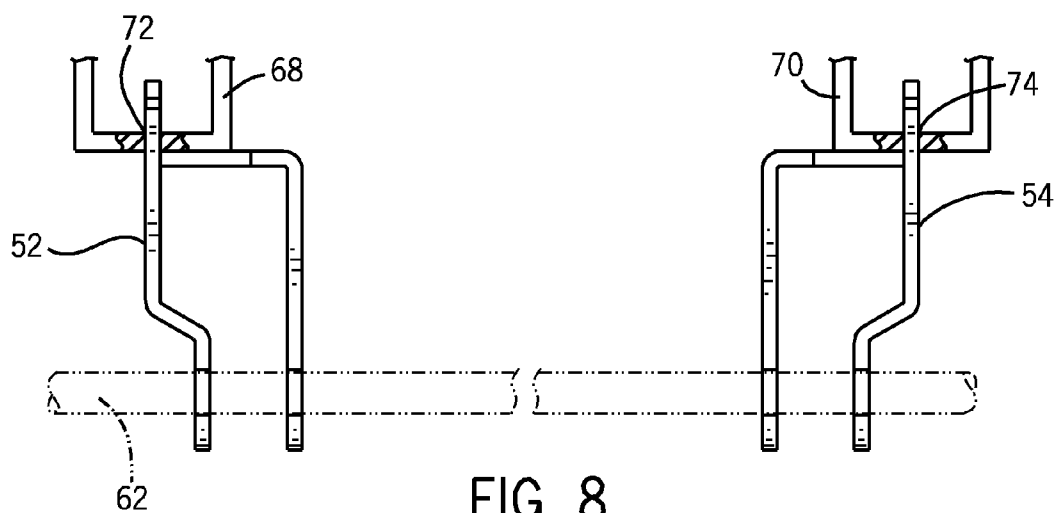


FIG. 8

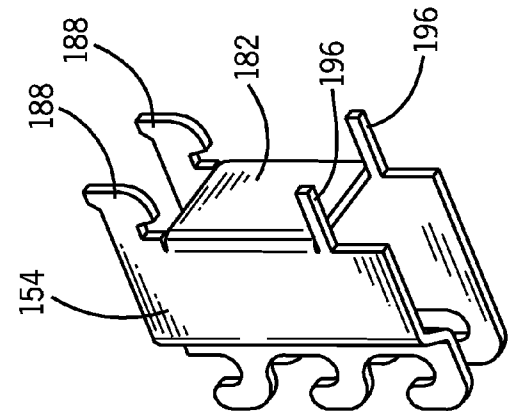


FIG. 9B

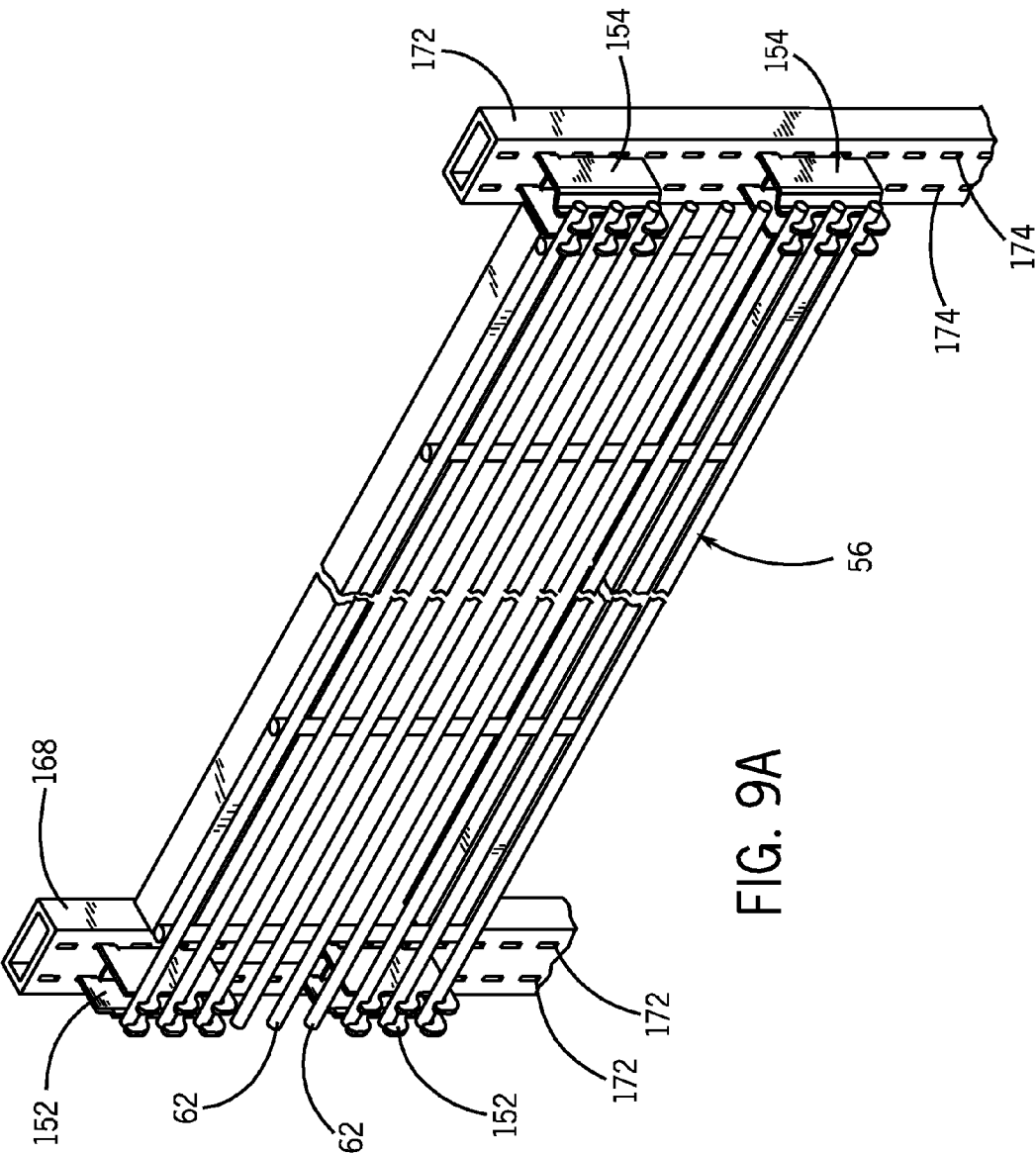


FIG. 9A

PRODUCT DISPLAY GRID SYSTEM AND GRID WALL HANGING BRACKET USED THEREWITH

BACKGROUND OF THE INVENTION

[0001] The present invention relates generally to product display systems, and more particularly to grid wall or panel display systems, wherein a grid panel is supported between adjacent vertical supports, in a commercial and/or retail environment.

[0002] Retailers utilize many types of merchandising and display systems to market, display and sell products. Product display systems can be wall mounted, free-standing or floor mounted, and can include a wide number of accessories for shelving, hanging and/or displaying products. In typical retail environments, the ability to efficiently and attractively organize products within a display system is critical to successful merchandising. Indeed, retailers invest significant time and resources setting up and configuring merchandise display fixtures in order to achieve the best product placement and sales conditions in a consumer friendly environment.

[0003] A common type of product display system includes a grid-like arrangement that is mounted to a wall or flat surface. Typically, grid wall product display systems include parallel, slotted vertical support members between which grid panels are hung with the use of mounting brackets. Grid wall panels include a plurality of horizontally extending bars and a plurality of vertically extending bars mounted on a frame structure. The grid panel is configured to be used with a number of different accessories, such as baskets, racks, hangers, faceouts and other product display members that secure to the horizontal and/or vertical members of the grid. In order to support the weight of the accessories and products to be displayed, grid wall panels are typically constructed of metal or another rigid material. Such systems are quite large and bulky and, as will be recognized, are extremely heavy.

[0004] Accordingly, while grid wall display systems offer a versatile way to configure many different types of products, installation of such systems can require significant time and effort. Due to the size and weight of the grid wall panels, conventional grid wall systems require the grid hanging brackets to be welded or otherwise mechanically fastened to the slotted vertical supports. In turn, the grid wall panel itself is welded or otherwise mechanically fastened to the grid hanging bracket to provide a safe and secure product display system.

[0005] The system disclosed in U.S. Pat. No. 5,769,240 to Allen, teaches a grid panel that is secured between adjacent slotted vertical support members using brackets. The brackets must be welded or mechanically fastened, with screws or the like, to the grid panel members. For example, the patent discloses securing grid mounting brackets to the horizontal members of the grid panel prior to installation of the brackets on the vertical supports. The brackets are stationarily secured to the horizontal members by threading screws through the bracket and tightening the screws to the horizontal members. This procedure is repeated for both sides of the grid panel. The grid panel with the brackets attached to each end thereof is then secured to the slotted columns by placing the hook portions of the brackets in a respective slot in the slotted columns. If, for some reason, the brackets are not properly spaced along the horizontal members of the grid panel, the screws must be loosened, the position of the brackets

adjusted, and the grid panel and bracket assembly again positioned to engage the slotted vertical members.

[0006] Due to the size and weight of most grid walls, installation of the brackets to the slotted columns, with the grid wall already attached, is difficult and cumbersome to maneuver and requires more than one individual to install. In addition, after the grid wall and bracket assembly is secured to the slotted vertical supports, the screws/hardware on the brackets must again be tightened, to ensure the grid panel is properly secured within the system, requiring lengthy set up and disassembly time. Once installed, such a system is not easily reconfigurable when the retail environment is changed or rearranged. Indeed, because the grid wall is mechanically fastened to the bracket, there is no horizontal, e.g. left to right, adjustability of the grid panel when repositioning of the grid panel is required or desired.

[0007] Accordingly, a need exists for an attractive and secure grid wall display system that requires less time and resources to install and disassemble. In addition, a need exists for a grid wall merchandising system that allows the grid panels to be easily installed on to and removed from the grid wall brackets, without requiring hardware or fastening devices to ensure the grid is properly secured in place. Also, a grid wall display system having grid wall brackets that are easily installed, repositioned and removed from the vertical supports would also be advantageous.

SUMMARY OF THE INVENTION

[0008] The present invention provides, in part, product display grid systems and grid panel hanging brackets for use in such display systems. The display system includes a grid panel supported between adjacent, spaced apart vertical support columns by a plurality of grid wall brackets.

[0009] The product display grid panel is of the type typically found in commercial, warehouse and/or other conventional retail establishments and may be formed in any number of dimensions and constructions, as will be well known to those skilled in the art. Typically, the grid panel comprises a plurality of spaced vertical parallel members and a plurality of spaced parallel horizontal members connected and arranged to form a grid, onto which a variety of product hangers, displays, signage, shelving, racks and other display accessories may be fastened or removably secured. Preferably, the vertical and horizontal members are perpendicular relative to each other, but the grid panel may include diagonal or other shaped members in addition to and/or intersecting the vertical and horizontal members.

[0010] The vertical support columns are substantially identical to each other in construction, and are secured to a wall or another vertical, substantially planar surface of the retail establishment using any type of securing or fastening mechanism, as will be known to those skilled in the art. Each of the vertical support columns includes a plurality of spaced-apart, vertically aligned slots, extending longitudinally along the length of the front surface of the vertical support columns. The distance between adjacent slots is determined by the type of columns utilized, and may differ from manufacturer to manufacturer, and from system to system, as will be well known to those skilled in the art.

[0011] The grid wall brackets of the present invention are configured to secure the grid panel to the vertical support columns without requiring hardware, mechanical fasteners or other external securing devices. The grid wall brackets are provided to support the left and right hand sides of the grid

wall panels, and therefore, the grid wall brackets are preferably mirror image of each other, with at least one left hand bracket used to support the left hand side of the grid wall panel on the left hand vertical support column and with at least one right hand bracket used to support the right hand side of the grid wall panel on the right hand vertical support column.

[0012] The grid bracket is constructed in a substantially U-shaped or channel configuration, including forwardly projecting right and left hand flanges and a web portion therebetween. The web portion/rear surface of the bracket include a tab that extends from the upper, back edge of the left flange and includes a top projection that extends upward from the tab, an arcuate or curved portion that extends downwardly, terminating in a notch for engaging the slotted vertical support column. The tab is dimensioned to clear and/or be insertable into the slots in the vertical support column when the bracket is pivoted to a predetermined angle with respect to the vertical support column.

[0013] The web portion/rear surface of the bracket also includes a stabilization bar that extends from the lower, back edge of the left flange is sufficient long enough to extend through the slots of and engage the vertical support when the bracket is installed. The distance between the tab and the bar can differ from system to system, and depends on the type of vertical supports utilized.

[0014] Each of the right and left hand flanges of the brackets extends frontwardly or forwardly from the web portion of the bracket. Each of the flanges comprises an attachment portion for slidably engaging the horizontal members of the grid wall panel. Each attachment portion preferably comprises a plurality of U-shaped support arms, with each of the arms including a recess for receiving the horizontal members of the grid wall panel. The number of arms of the attachment portions can also vary depending on the size, weight and type of grid wall utilized in the system. The recesses formed with each arm are configured to mate with, and securely retain the horizontal members of the grid panel.

[0015] The grid wall brackets are installed onto the vertical supports by pivoting the bracket upward at an angle away from the vertical support, in a manner that permits the top projection of the tab to be inserted or clear the slot in the vertical support. The grid wall bracket is then lowered or pivoted downward into position, locking it into place. Once the brackets are properly installed on the vertical support columns, the grid wall panel is placed onto the brackets by lifting the grid panel upwards, orienting it between the vertical supports, and lowering it onto the brackets such that the ends of the horizontal members of the grid panel rest and are slidably secured within the recesses of the brackets.

[0016] It will be appreciated that the tab and stabilization bar are sufficiently long enough to prevent the brackets from being removed or slipping out of the slots of the vertical support columns when the grid panel is installed. As such, the present invention provides a product display grid system wherein the grid panel is not mechanically fastened to the grid wall hanging brackets, and therefore is slidably and securely received therein. Such configuration permits the grid panel to be adjusted or moved in either the left or right direction without requiring the use of tools, removal of hardware from the system, removal of the grid panel from the brackets and/or removal of the brackets from the vertical supports. The product display grid system of the present invention therefore permits easy installation, adjustment and removal of the grid wall from the brackets.

[0017] It will be understood by those skilled in the art that one or more aspects of this invention can meet certain objectives, while one or more other aspects can lead to certain other objectives. Each objective may not apply equally, in all instances, to every aspect of the present invention. As such, these and other objects can be viewed in the alternative with respect to any one aspect of the present invention. Other objects, features, benefits and advantages of the present invention will be apparent in this summary and descriptions of the disclosed embodiments, and will be readily apparent to those skilled in the art. Such objects, features, benefits and advantages will be apparent from the above as taken in conjunction with the accompanying figures and all reasonable inferences to be drawn therefrom.

BRIEF DESCRIPTION OF THE DRAWINGS

[0018] FIG. 1 is a front perspective view of a grid wall display system, including easily positionable left and right-hand grid wall brackets, according to one embodiment of the present invention;

[0019] FIG. 2 is an exploded perspective view of the grid wall system illustrated in FIG. 1, shown without a grid wall positioned thereon;

[0020] FIG. 3 is a right side perspective view of the right-hand grid wall bracket, illustrated in FIGS. 1 and 2,

[0021] FIG. 4 is a left side perspective view of the right-hand grid wall bracket, illustrated in FIGS. 1 through 3,

[0022] FIG. 5 is a side view of the right-hand bracket illustrated in FIGS. 1 through 4, showing installation of the bracket into the slots of a vertical support column;

[0023] FIG. 6 is a partial side view of the grid wall display system illustrated in FIG. 1, taken along the line 6-6, showing the right-hand bracket installed onto the vertical support column, with the horizontal members of the grid panel shown in phantom;

[0024] FIG. 7A is a side view of the grid wall display system illustrated in FIG. 1, with the horizontal members of the grid panel shown in phantom, demonstrating the ability of the bracket to be retained in vertical support when grid wall is manipulated;

[0025] FIG. 7B is an additional side view of the grid wall display system illustrated in FIG. 1, with the horizontal members of the grid panel shown in phantom, demonstrating the ability of the bracket to be retained in vertical support when grid wall is manipulated;

[0026] FIG. 8 is a partial top view of the grid wall display system illustrated in FIGS. 1 through 7, with the horizontal members of the grid panel shown in phantom;

[0027] FIG. 9A is a perspective view of a grid wall display system according to another embodiment of the present invention, wherein a double slotted vertical support column is utilized; and

[0028] FIG. 9B is a perspective view of a grid wall display system according to another embodiment of the present invention, wherein a double slotted vertical support column is utilized.

DETAILED DESCRIPTION OF PREFERRED EMBODIMENTS

[0029] A grid wall bracket and grid display system in accordance with the present invention is shown in FIGS. 1 through 8. While the invention may be susceptible to embodiment in different forms, there are shown in the drawings, and herein

are described in detail, certain illustrative embodiments with the understanding that the present disclosure is to be considered an exemplification of the principles of the invention, and is not intended to limit the invention to those as illustrated and described herein.

[0030] Turning first to FIG. 1, a display system 50 of the present invention comprises, in its simplest form, a grid panel 56, a plurality of grid wall brackets 52 and 54 and substantially parallel, vertical supports 68 and 70. The display system 50 is of the type typically used in retail establishments to display products to consumers such as food packages in a grocery store. Without limitation, the grid panel 56, grid wall brackets 52 and 54 and the vertical supports 68 and 70 are constructed of metal or another material capable of supporting the active, working weight of the product display system, as will be well known to those skilled in the art.

[0031] The product display grid system 50 of the present invention will be described hereafter as used in a retail establishment. However, it should be noted that the product display grid system 50 also has uses in other environments such as warehouses, product storage locations, offices and the like in which objects are to be supported and displayed. It will also be appreciated that while the display system 50 is illustrated including a single grid panel 56, the present invention can include a plurality of connecting or interlinking grid systems, as will be well known to those skilled in the art.

[0032] The grid panel 56 comprises a plurality of spaced vertical members 60 and a plurality of spaced parallel horizontal members 62 connected and arranged to form the grid panel 56. The vertical and horizontal members 60 and 62 respectively have a perpendicular orientation relative to each other. The grid panel 56 may have structural or frame members 64 and 66 located at the top and bottom of the grid panel 56, respectively, to add strength and/or rigidity to the grid wall, depending on the type of construction of the grid wall. As such, consistent with the broader aspects of the present invention, it will be appreciated that the grid panel 56 is not limited to any particular construction, provided that at least a portion of the grid wall includes substantially horizontal members that will be received by the grid wall brackets, as will be explained in more detail below.

[0033] In certain preferred embodiments, the vertical and horizontal members 60 and 62 are constructed of metal, cylindrical rods. The diameter of each of the members 60 and 62 is preferably about ¼ inch, but other diameters may also be used. It will be appreciated that the vertical and horizontal members 60 and 62 may be constructed of any substantially rigid material, and can include, but are not limited to, members having square, triangular or oval cross-sectional shapes.

[0034] Preferably, the horizontal members 62 are spaced by a distance of about ½ inch and the vertical members 60 are spaced by a distance of about 8 inches. However, it should be noted that the members 60 and 62 can be spaced at various distances. The vertical and horizontal members 60 and 62 can be secured in the desired configuration by welding, adhesives or using mechanical fasteners, such as screws, clips or pins. As described, the grid panel 56 is preferably made up of parallel, equally spaced vertical and horizontal members 60 and 62, respectively. However, it should be noted that the grid panel 56 can have adjacent members 60 and/or 62 that are not equally spaced to provide even more versatility in some applications or the grid panel 56 can be comprised of only horizontal members 62. The grid panel 56, and indeed, the display

system 50 can be of varying overall dimensions, depending on the particular application of the display system 50.

[0035] Turning now to FIG. 2, in addition to FIG. 1, the vertical supports 68 and 70 are substantially identical in construction, and are secured to a wall or another substantially planar surface of the retail establishment using any type of securing or fastening mechanism known to those skilled in the art. It will be appreciated that the distance between the vertical supports 68 and 70 is determined by the size of the grid panel 56 and the particular display system 50 application. As such, more than two vertical supports may be required for a given display system 50, depending on the overall size, weight and application of the grid wall display system. In certain preferred embodiments, the vertical supports 68 and 70 are constructed of a metal or metal-alloy material, however, other rigid materials may be used, including but not limited to plastic, wood or ceramic. Each of the vertical supports 68 and 70 includes a plurality of spaced-apart slots 72 and 74, respectively.

[0036] As illustrated in FIGS. 1 and 2, the grid wall brackets 52 and 54 are configured to secure the grid panel 56 to the vertical supports 68 and 70. Preferably, the grid wall brackets 54 for use on a first or right side of the grid panel 56 are the mirror image of the brackets 52 used on a second or left side of the grid panel 56 so that the brackets 52 and 54 can support/receive opposing ends (e.g. left and right-hand ends) of the grid panel's horizontal members. The grid brackets 54 are designated right side brackets and are illustrated in FIGS. 3 through 7. With reference thereto, the right brackets 54 will now be described. It will be appreciated that the left hand brackets 52 are mirror images of the right hand brackets 54 illustrated in FIGS. 3 through 8 and are constructed accordingly.

[0037] As illustrated in FIGS. 3 and 4, in addition to FIG. 2, the grid bracket 54 comprises a main body, indicated generally at 80, constructed in a substantially U-shaped or channel configuration, including a web portion/rear surface 82 and forwardly projecting flanges 84 and 86, respectively. A tab 88 extends rearwardly from a back edge 89 of the flange 84, a distance beyond the rear surface 82 of the bracket 54, and includes a top projection 90 extending upwardly from an edge of the tab 88, a downwardly extending arcuate portion 92, and a notch 94 for engaging the slotted column 70, as will be described in more detail below. As described in more detail with respect to FIGS. 5 through 7, the tab 88 is dimensioned to be insertable into the slots 74 in the vertical support 70 at a predetermined angle.

[0038] A stabilization/guide bar 96 also extends rearwardly from the back edge 89 of the flange 84 to provide strength to the bracket and is sufficiently long enough to extend through the slots of and engage the vertical support when the bracket is installed. As will be recognized, the distance between the tab 88 and the bar 96 can vary from system to system, and depends on the type of vertical supports utilized and the distance between the slots on the vertical support and the dimensions of the slots.

[0039] The flange 84 extends frontwardly or forwardly from the rear surface 82 of the body 80, can include a bend or slanted portion 100, and terminates in an attachment portion 102. The attachment portion 102 preferably comprises a plurality of U-shaped support arms 104, with each of the arms 104 defining a recess 110 for receiving the horizontal members 62 of the grid panel 56. The flange 86 is substantially planar and extends frontwardly from the rear surface 82 of the

body **80** and terminates in an attachment portion **106**. Like the attachment portion **104**, the attachment portion **106** preferably includes a plurality of U-shaped arms **108**, each defining a recess **112** for receiving the horizontal members **62** of the grid panel **56**.

[0040] Although the attachment portions shown on each bracket are illustrated having three support arms, the number of arms can vary depending on the size, weight and type of grid wall utilized in the system. In addition, it will be appreciated that the size and shape of the recesses **110** and **112** defined by each of the arms **104** and **108**, respectively, is determined by the size and shape of the horizontal members **62** of the grid panel **56**. As such, the arms **104** and **108**, and recesses defined therein, are configured to mate with, and securely retain the horizontal members **62** of the grid panel **56** within the recesses **110** and **112**, respectively.

[0041] Turning next to FIGS. 5 through 8, installation of the grid wall bracket **54** onto the vertical support **70** is illustrated. First, the rear surface **82** of the grid wall bracket **54** is pivoted upward at an angle **120** away from or upwardly from the vertical support **70**, in a manner that permits the top projection **90** of the tab **88** to be inserted into a slot **74a** of the vertical support **70**, as illustrated in FIG. 5.

[0042] The grid wall bracket **54** is then lowered or pivoted downward until the lower arcuate end **92** of the tab **88** is completely inserted into the slot **74a**. As illustrated in FIG. 6, the tab **88** is inserted into the slot **74a** so that the vertical support **70** engages/interfits the notch **94** in the bracket **54** and the stabilization bar **96** is substantially completely inserted into a slot **74b**. It will be appreciated that the left-hand grid wall bracket **52** is installed onto the vertical support **68** in the manner described with respect to the right-hand bracket **54**. Once the brackets **52** and **54** are properly installed on the vertical supports, the grid panel **56** is placed onto the brackets **52** and **54** by lifting the grid panel **56** upwards, placing it between the vertical supports, and lowering it onto the brackets such that the ends of the horizontal members **62** of the grid panel **56** rest and are secured within the recesses of the brackets, as illustrated in FIGS. 1 and 8.

[0043] As best illustrated in FIGS. 6, 7A and 7B, with the bracket **54** engaging the slot **74a** as shown, the downwardly extending arcuate portion **92** and the upwardly extending top projection are sufficiently long enough to prevent the bracket **54** from being removed or slipping out of the slot **74a** of the vertical support **70** when the grid panel **56** is installed thereon and sized to permit the system **50** to support loads encountered when the products are displayed on the system. As will be readily appreciated, the grid panel **56** is not mechanically fastened to the recesses of the brackets, and therefore is slidably, yet securely, received therein. Such configuration permits the grid panel **56** to be positionally adjusted, laterally slid or moved in either the left or right direction without requiring the use of tools, removal of hardware from the system, removal of the grid panel from the brackets and/or removal of the brackets from the vertical supports. The system **50** therefore permits easy installation, adjustment and removal of the grid wall from the brackets.

[0044] It will be appreciated that the grid wall display system and grid hanging brackets of the present invention can be used to removably secure a grid wall, slat wall or other type of display wall to vertically mounted support structures, provided the grid or slat wall is provided, at least in part, with horizontal ends/members that can be supported therein. Further, the display systems and brackets of the present invention

can be of any size required by the given application, and are not limited in dimension, as will be well known to those skilled in the art. In addition, how the vertical supports, and therefore, the grid wall system **50**, are secured to the retail space can vary according to how the retail space is configured. Further, the system **50** of the present invention can comprise one or a number of grid panels **56** supported between two or more vertical slotted support members depending upon overall dimension and fully loaded weight of the system and/or the needs of the retailer.

[0045] In a conventional arrangement utilizing vertical slotted support members, a grid wall display system **150** of the present invention can be adapted for use with double slotted vertical support members **168** and **170**, as illustrated in FIGS. 9A and 9B. As illustrated, the brackets **152**, **154** are adapted to include two tabs **188** and two stabilization bars **190**, spaced apart in a manner that permits the tabs and bars to engage adjacent slots of the vertical member.

What is claimed is:

1. A product display system comprising:

first and second parallel spaced apart vertical support members, each vertical support member having a plurality of vertically spaced apart slots formed within a front surface thereof;

a grid panel including a plurality of spaced apart horizontal members, each of the horizontal members having first and second ends;

a first bracket having a rearwardly extending attachment portion removably secured to at least one slot of the first vertical support member and having forwardly extending arms, the arms slidably supporting the first end of at least one horizontal member; and

a second bracket having a rearwardly extending attachment portion removably secured to at least one slot of the second vertical support member and having forwardly extending arms, the arms slidably supporting the second end of at least one horizontal member.

2. The product display system of claim 1, wherein the rearwardly extending attachment portion of the first bracket comprises a tab dimensioned to clear the opening of one of the slots of the first vertical support member when the first bracket is pivoted away from the first vertical support member at an angle with respect thereto, the tab having upward and downward projections preventing removal of the first bracket from the one slot of the first vertical support member when the first bracket arranged substantially parallel to the first vertical support member.

3. The product display system of claim 2, wherein the rearwardly extending attachment portion of the first bracket further comprises a stabilization bar substantially vertically aligned with and located below the tab, the stabilization bar configured to extend through another one of the plurality of vertically spaced apart slots of the first vertical support member when the first bracket arranged substantially parallel to the first vertical support member.

4. The product display system of claim 1, wherein the rearwardly extending attachment portion of the second bracket comprises a tab dimensioned to clear the opening of one of the slots of the second vertical support member when the second bracket is pivoted away from the second vertical support member at an angle with respect thereto, the tab having upward and downward projections preventing removal of the second bracket from the one slot of the second

vertical support member when the second bracket arranged substantially parallel to the second vertical support member.

5. The product display system of claim 4, wherein the rearwardly extending attachment portion of the second bracket further comprises a stabilization bar substantially vertically aligned with and located below the tab, the stabilization bar configured to extend through another one of the plurality of vertically spaced apart slots of the second vertical support member when the second bracket arranged substantially parallel to the second vertical support member.

6. The product display system of claim 1, wherein the arms of the first and second brackets are U-shaped, with each arm including a recess for slidably receiving at least one of the first and second ends of the horizontal members, respectively.

7. The product display system of claim 1, further comprising a third slotted vertical support member positioned between the first and second vertical support members and configured similarly to the first and second vertical support members and a third bracket including:

a rearwardly extending tab secured to a slot of the third vertical support member, the tab dimensioned to clear the opening of the slot of the third vertical support member when the second bracket is pivoted away from the second vertical support member at an angle with respect thereto and dimensioned to prevent removal of the third bracket from the slot of the third vertical support member when the third bracket arranged substantially parallel to the second vertical support member;

a stabilization bar substantially vertically aligned with and located below the tab, the stabilization bar configured to extend through another slot of the third slotted vertical support member when the third bracket arranged substantially parallel to the third vertical support member; and

a plurality of forwardly extending arms, each arm including a recess for slidably receiving a middle portion of at least one of the horizontal members of the grid panel.

8. A product display grid system comprising:

first and second parallel vertical columns, each column having a surface with a plurality of spaced apart apertures formed therein;

a first bracket having a rearwardly extend tab removably engaged to one of the apertures the first vertical column, wherein the tab clears the one aperture only when the bracket is pivoted to an angle away from the second vertical support column, the first bracket also having a stabilization bar substantially vertically aligned with and located below the tab, the bar extending through another one of the apertures the first vertical column, the first bracket also having a plurality of forwardly extending U-shaped arms, each arm including an open recess formed therein;

a second bracket, having a rearwardly extend tab removably engaged to one of the apertures the second vertical

column, wherein the tab clears the one aperture only when the second bracket is pivoted to an angle away from the second vertical support column, the first bracket also having and a stabilization bar substantially vertically aligned with and located below the tab, the bar extending through another one of the apertures the second vertical column, the second bracket also having a plurality of forwardly extending U-shaped arms, each arm including an open recess formed therein; and

a product grid panel including a plurality of spaced horizontal members, at least one of the horizontal members of the product grid panel resting within horizontally aligned open recesses of the first and the second brackets.

9. The product display system of claim 8, wherein each of the first and the second brackets comprises a channel member including a rear web portion with first and second ends and forwardly ending flanges extending from each end thereof, wherein each flange of the channel member includes vertically aligned, spaced apart U-shaped arms.

10. The product display system of claim 9, wherein each flange of the channel member includes three vertically aligned, spaced apart U-shaped arms.

11. The product display system of claim 8, wherein the second bracket is constructed as a mirror image of the first bracket.

12. A grid wall bracket for use in removably mounting a product display grid wall including a plurality of spaced horizontal members to slotted vertical support members, the bracket comprising:

a rear attachment portion including an upper tab dimensioned to be inserted into a slot of a vertical support member when the bracket is positioned at an angle with respect to the vertical support member, the tab including upper and lower projections dimensioned to prevent removal of the tab from the slot when the bracket is arranged substantially parallel to the vertical support member, the rear attachment portion also including a stabilization bar substantially vertically aligned with and located below the tab, the bar sized to extend through another one of the slots of the vertical support member when the bracket is arranged substantially parallel to the vertical support member; and

a plurality of forwardly extending arms, each arm including an open recess formed therein configured to receive at least one of the horizontal members of the grid wall.

13. The grid wall bracket of claim 12, wherein the bracket is a channel member having a web portion with first and second ends and flanges extending from each of the first and second ends of the web portion, wherein each flange of the channel member includes three vertically aligned, spaced apart U-shaped arms, each arm having an open recess formed therein.

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