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(54) **UNIVERSAL MOUNT FOR FLAT PANEL DISPLAYS**

**Publication Classification**

(76) Inventor: **Jeff Bremmon**, Shakopee, MN (US)

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Correspondence Address:  
**PATTERSON, THUENTE, SKAAR &  
CHRISTENSEN, P.A.**  
**4800 IDS CENTER  
80 SOUTH 8TH STREET  
MINNEAPOLIS, MN 55402-2100 (US)**

(57) **ABSTRACT**

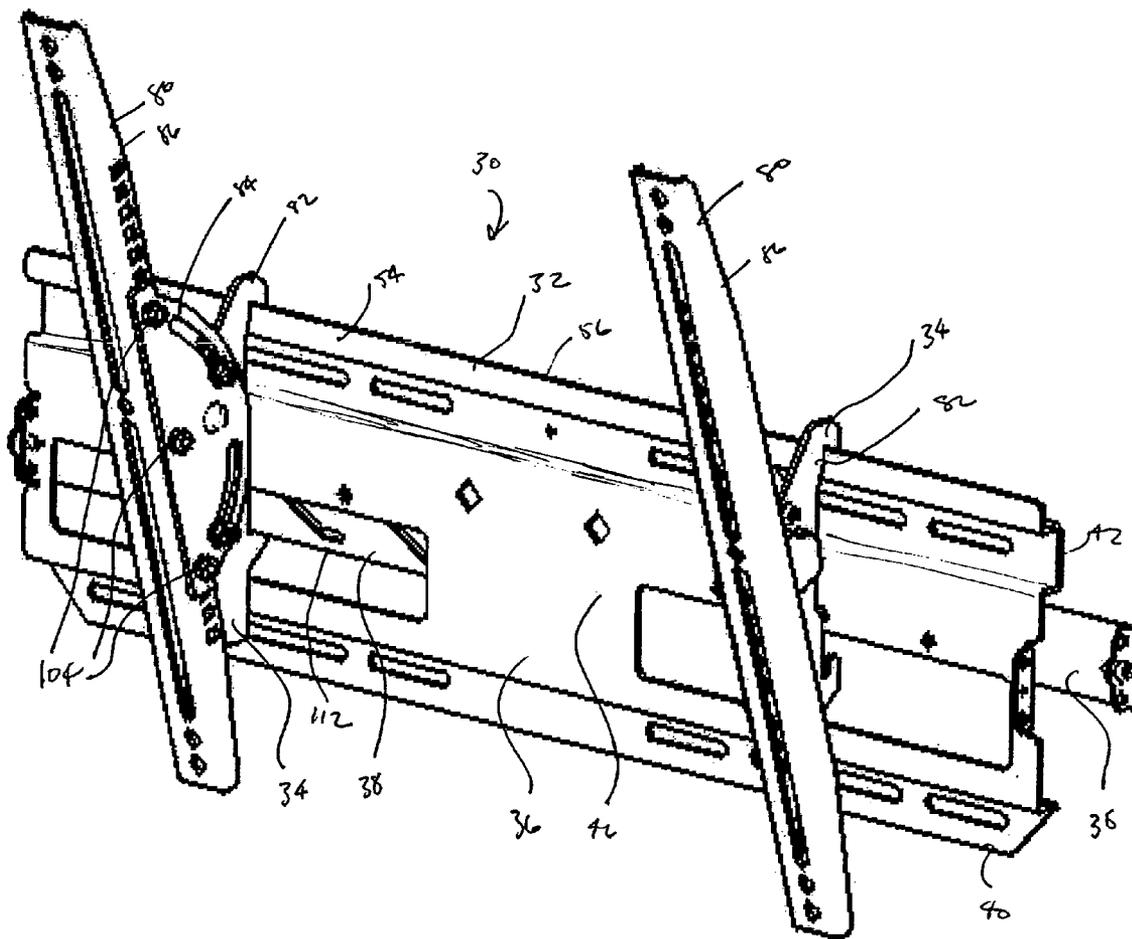
A mount for removably attaching a flat panel electronic display device to a fixed structure includes a first bracket operably couplable to the flat panel electronic display device and a second bracket operably couplable to the fixed structure. The first bracket includes a pair of opposing hooks or other engaging structures. The second bracket has a body portion presenting a first edge for receiving one of the pair of opposing hooks and at least one latch portion operably coupled with the body portion. The latch portion presents a second edge for receiving the other of the pair of opposing hooks. The latch portion is selectively shiftable between a first position engaged with the first bracket and a second position clear of the first bracket.

(21) Appl. No.: **11/238,389**

(22) Filed: **Sep. 29, 2005**

**Related U.S. Application Data**

(60) Provisional application No. 60/614,092, filed on Sep. 29, 2004.



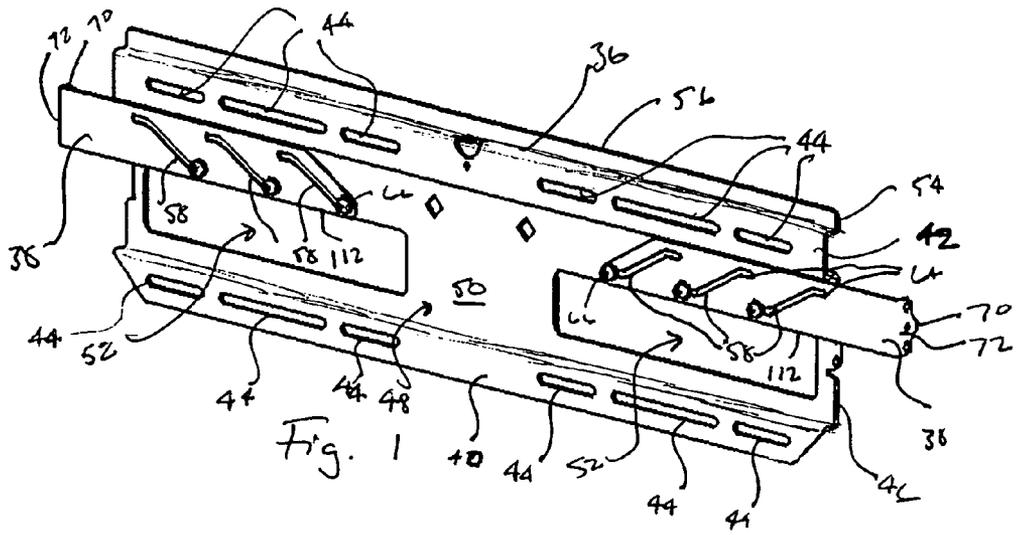
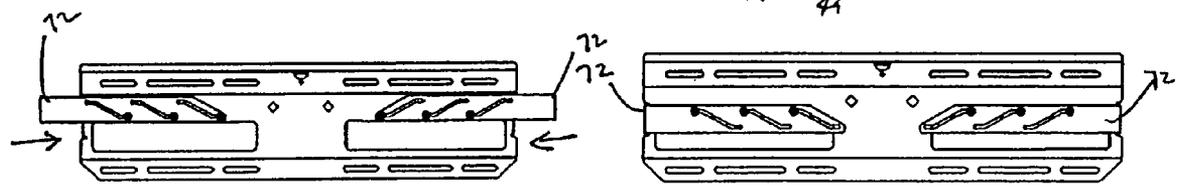


Fig. 1



LATCHES OPEN

LATCHES CLOSED

Fig. 18

Fig. 19

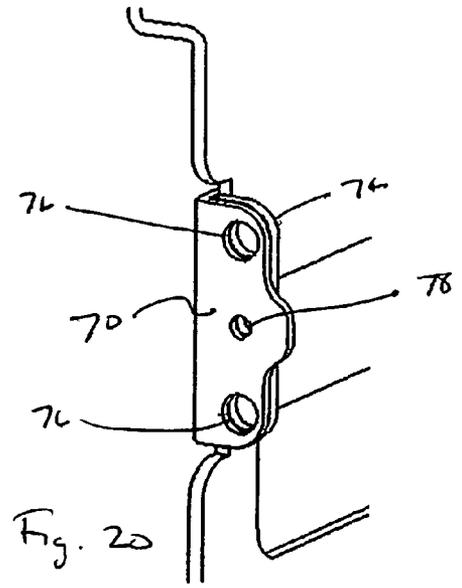
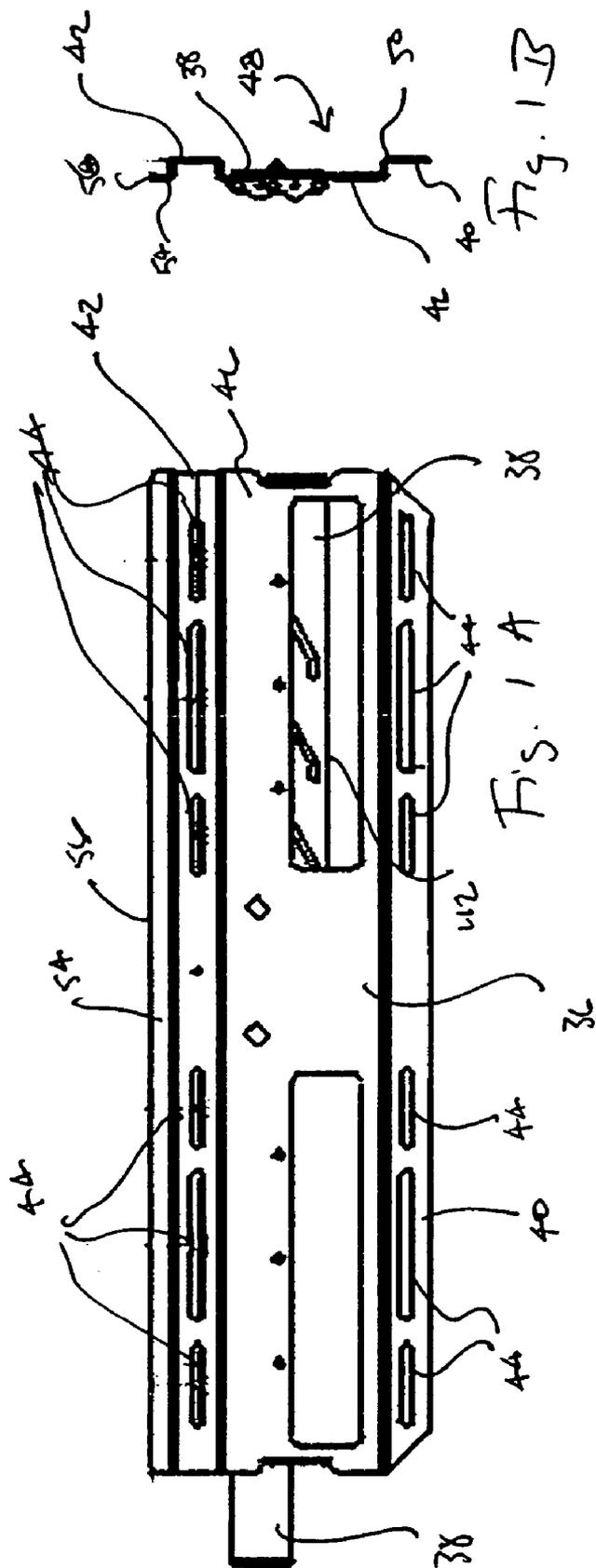


Fig. 20



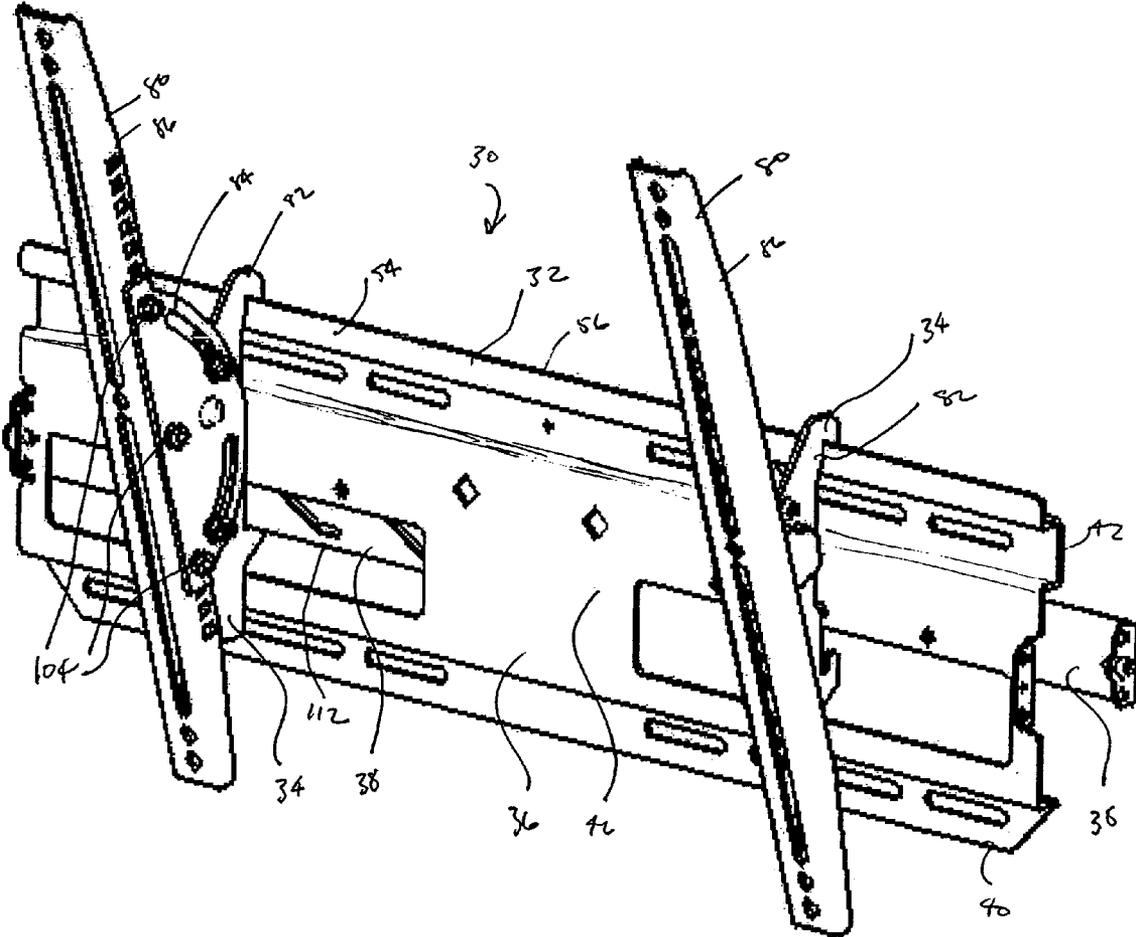


Fig. 2

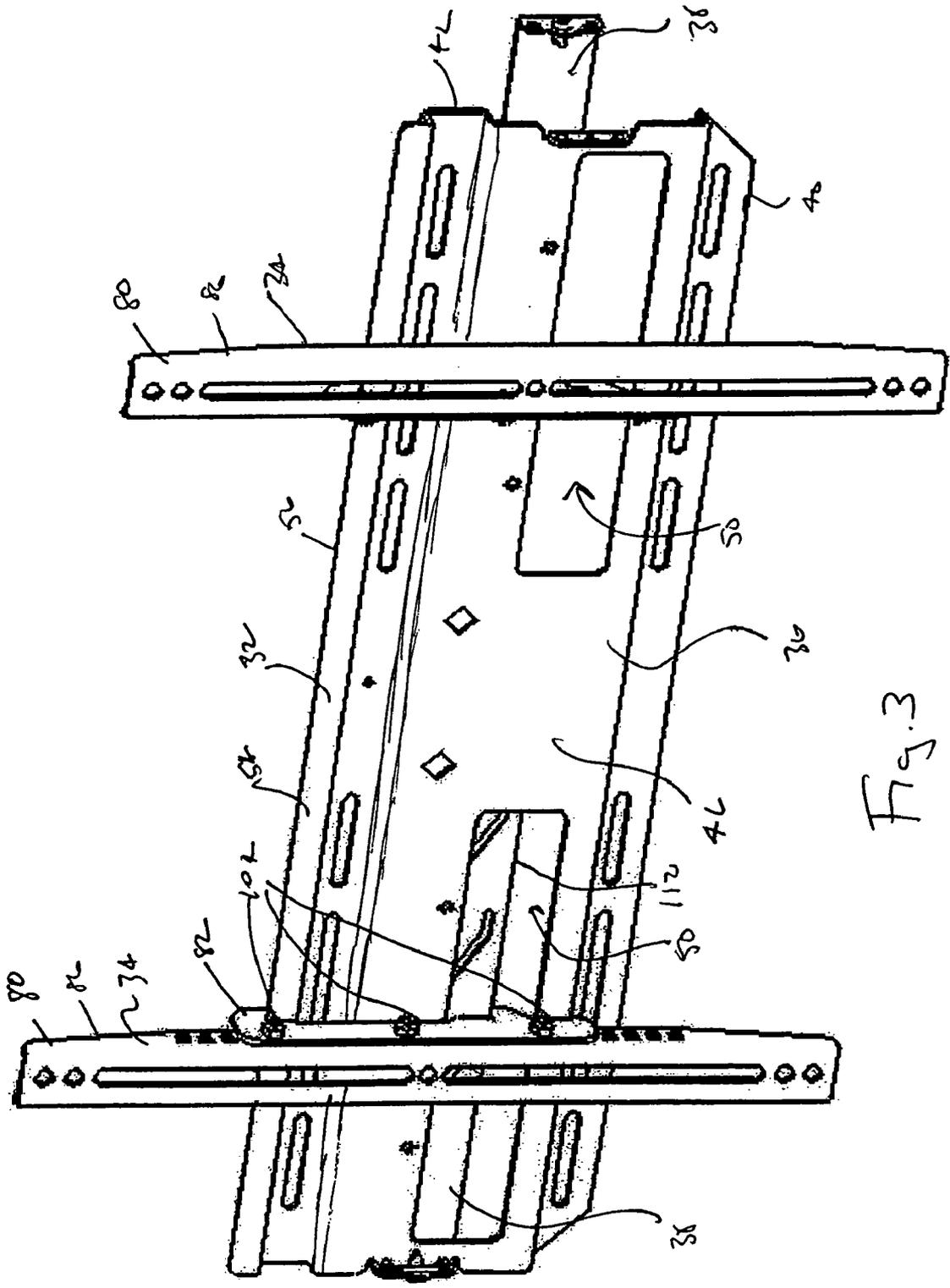
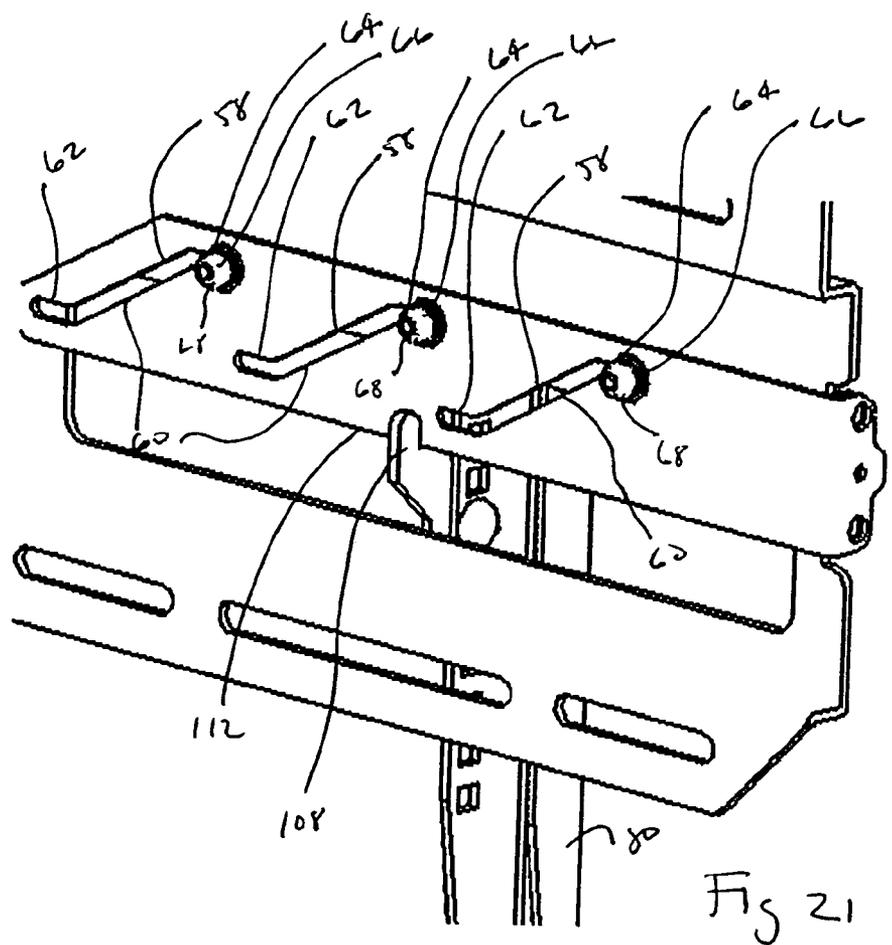
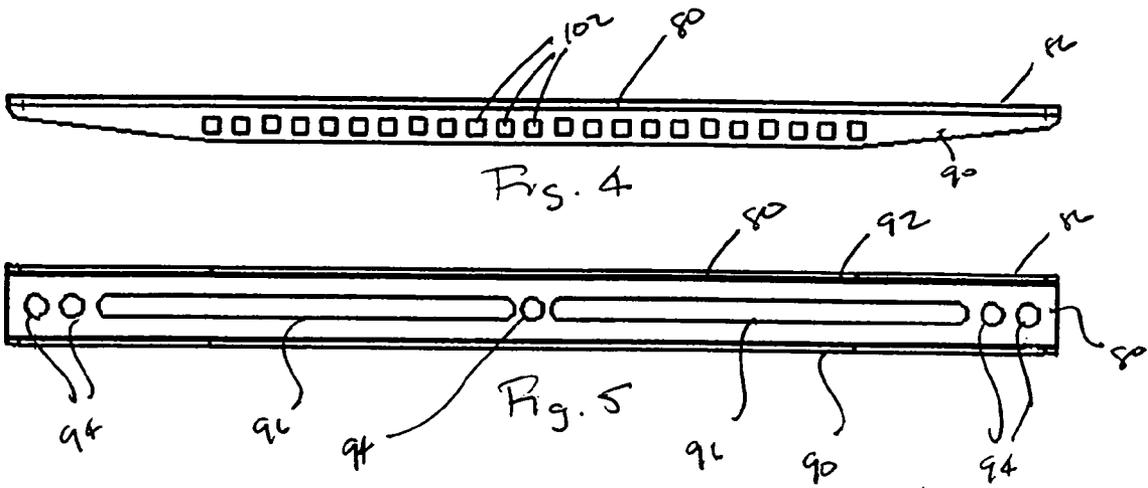


Fig. 3



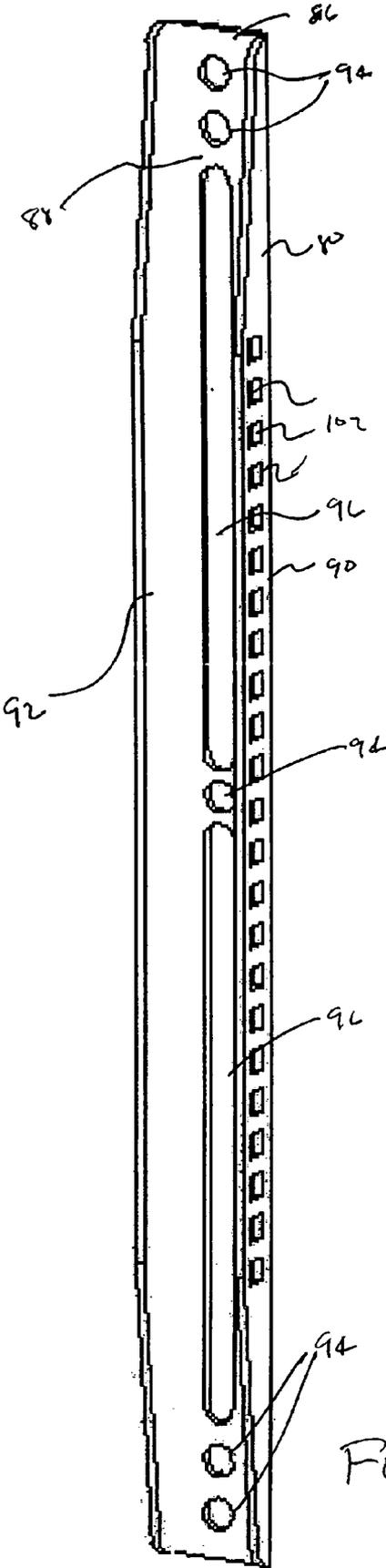


Fig. 5A

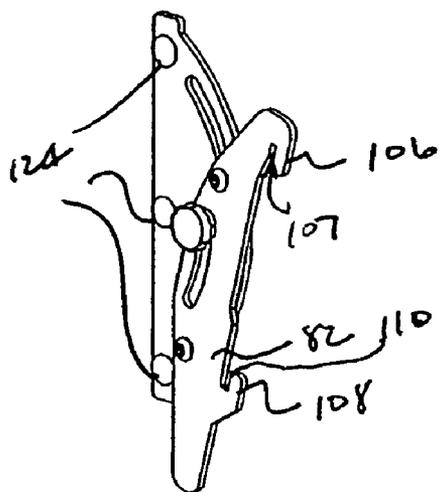


Fig. 6

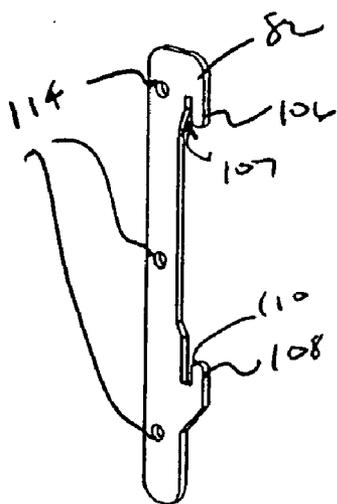


Fig 7



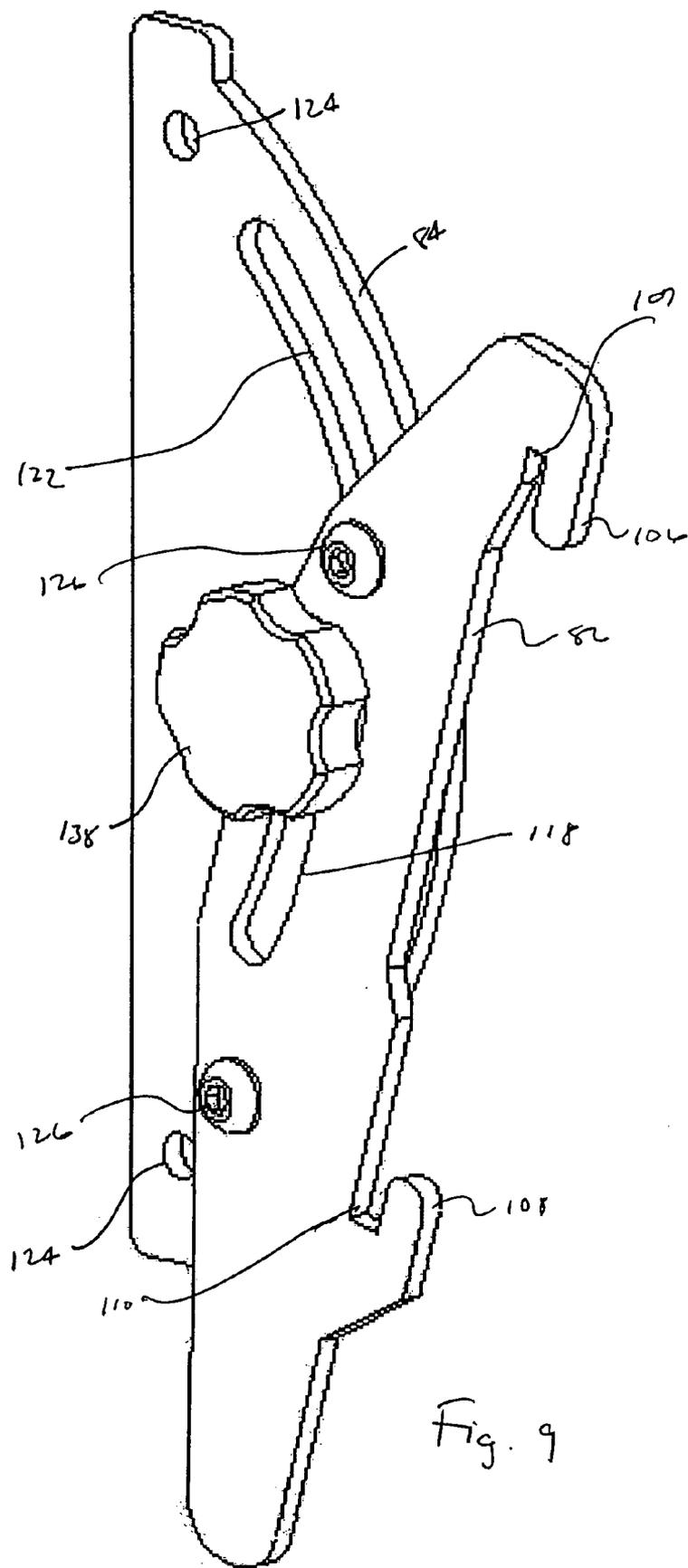


Fig. 9

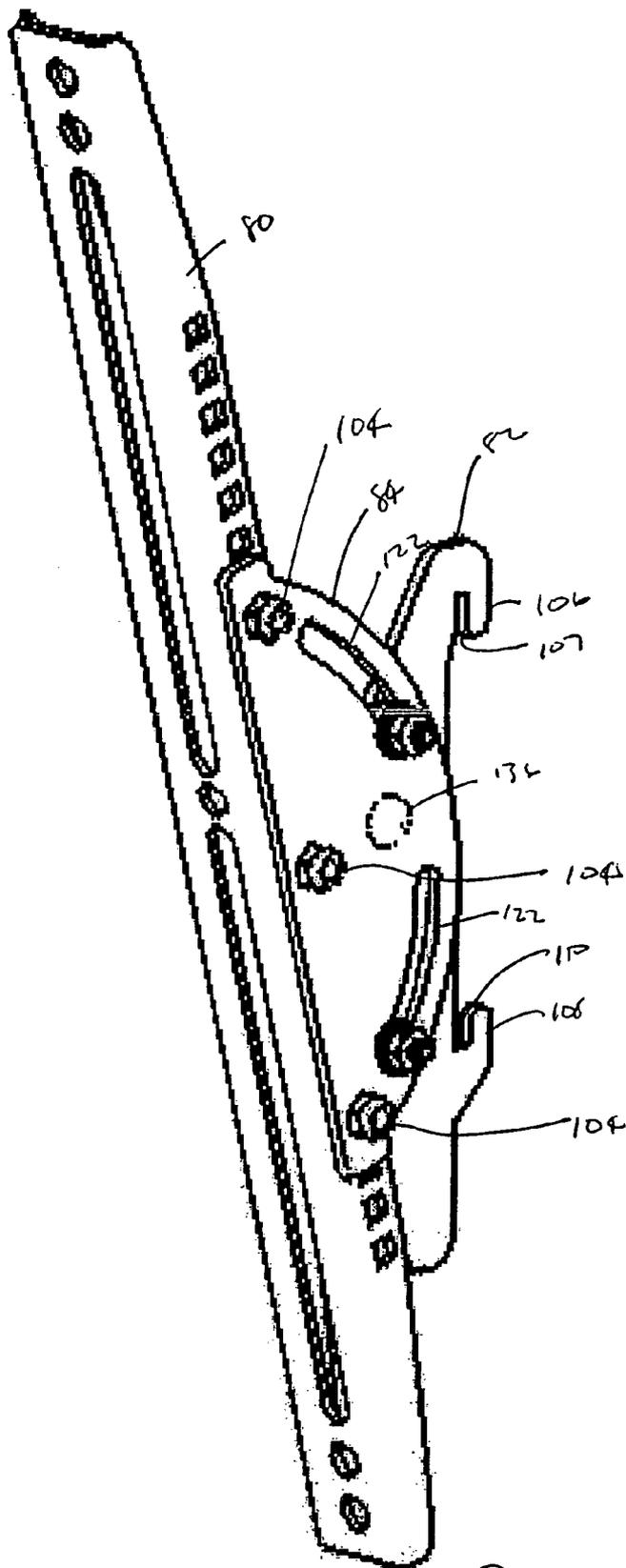


Fig. 10

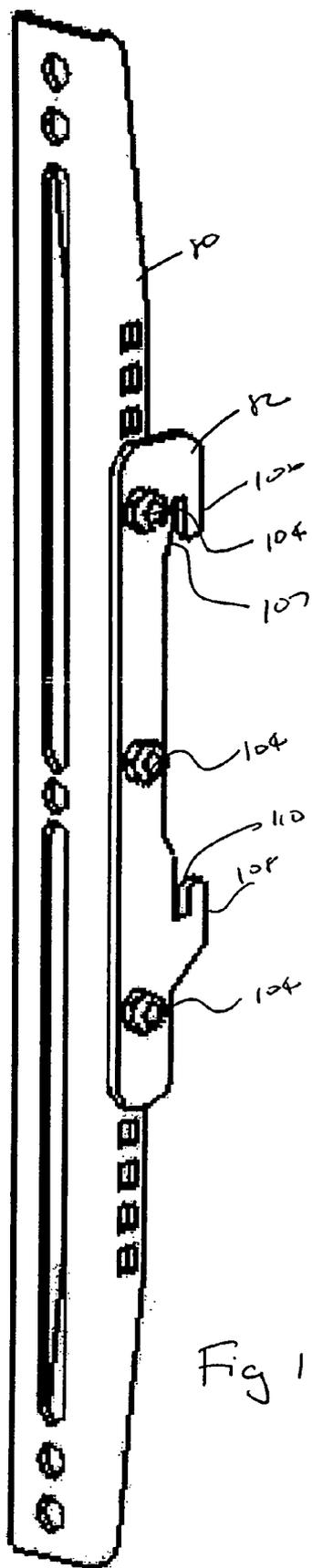
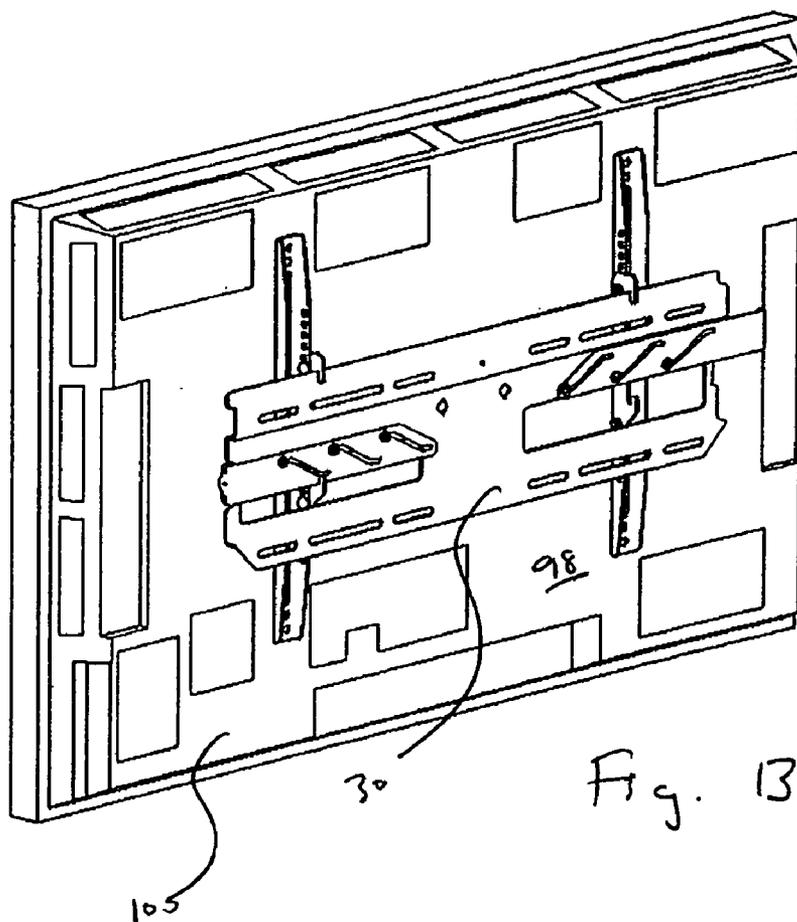
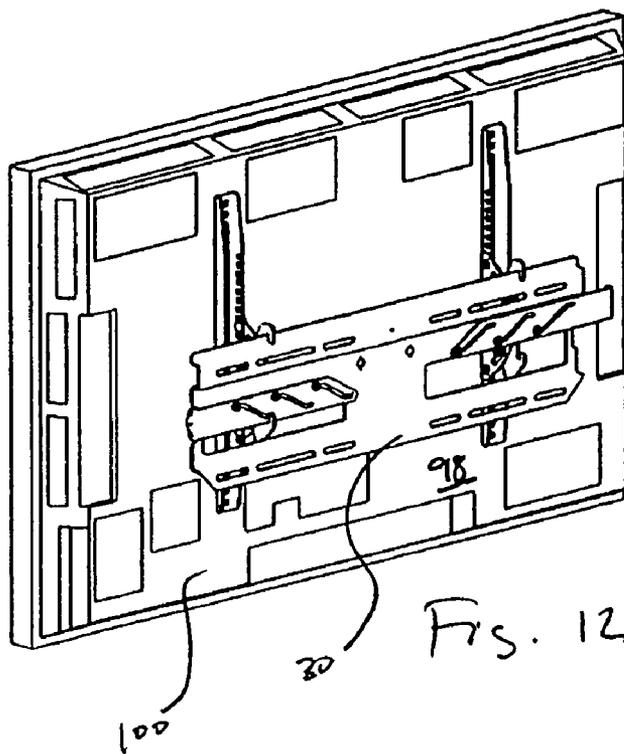


Fig 11



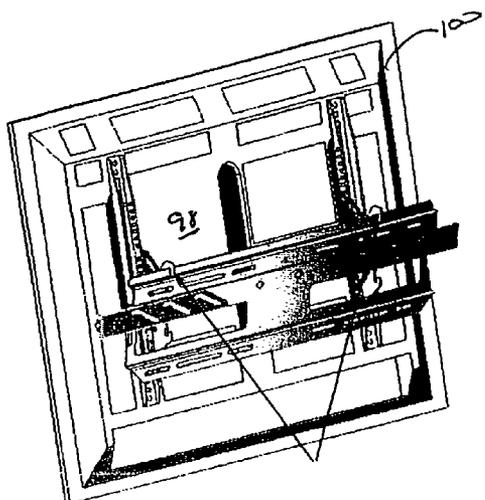


Fig. 14

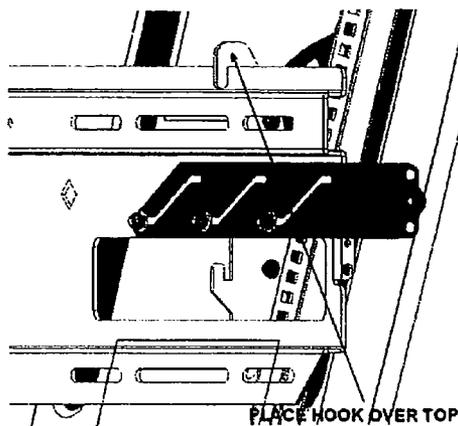


Fig. 15

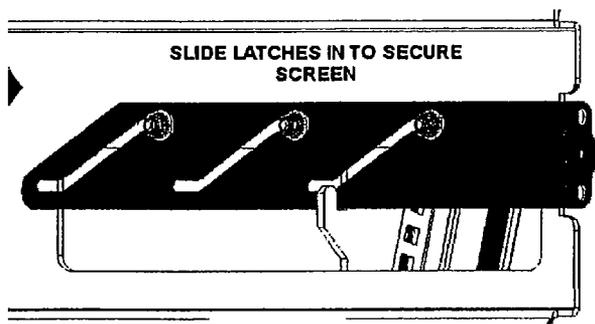


Fig. 16

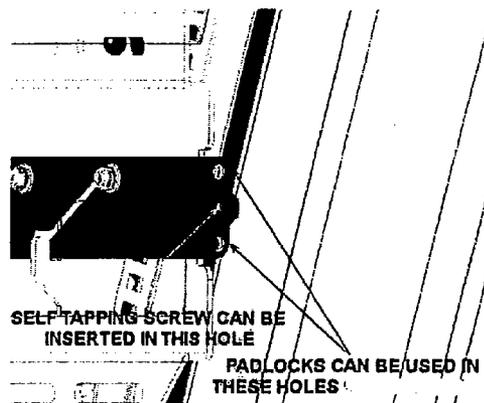


Fig. 17

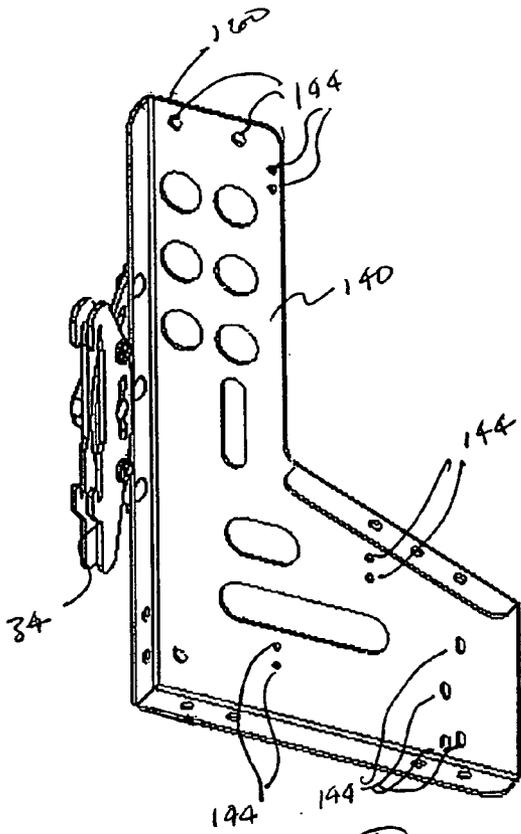


Fig. 22

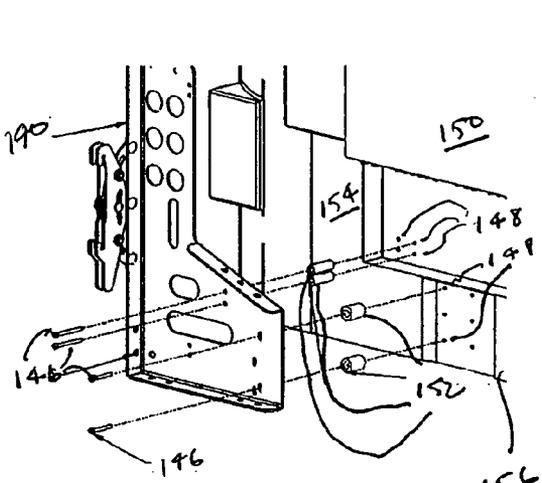
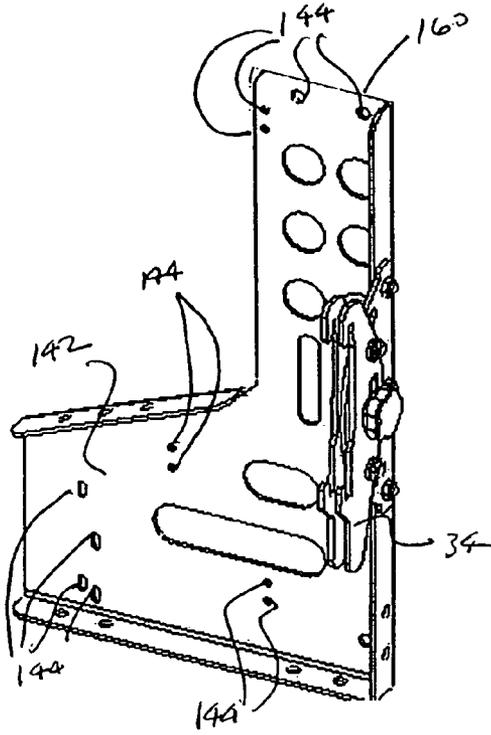


Fig. 23

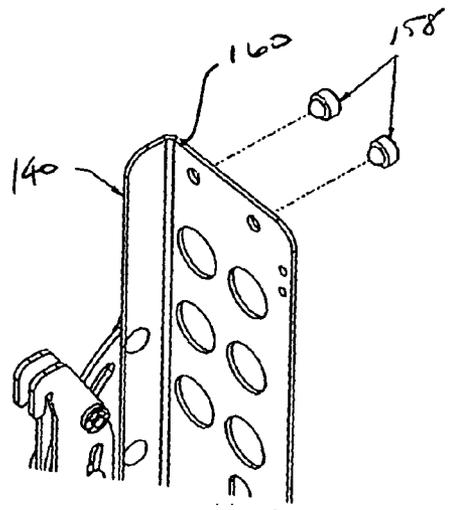


Fig. 24

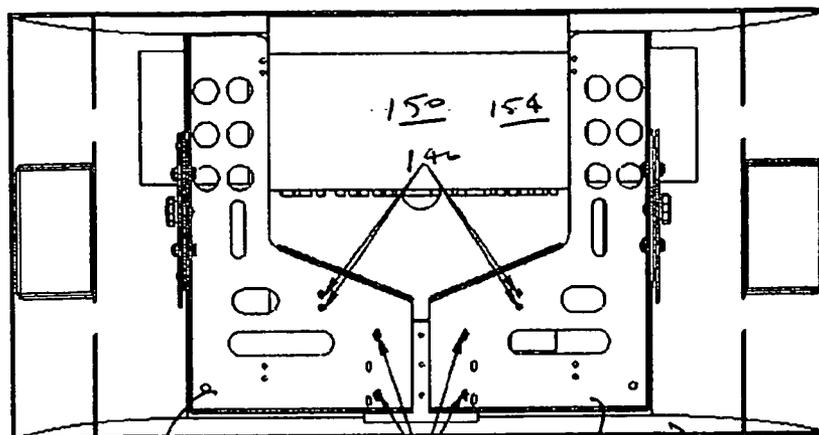


Fig. 25 140 142 146 150 154 156

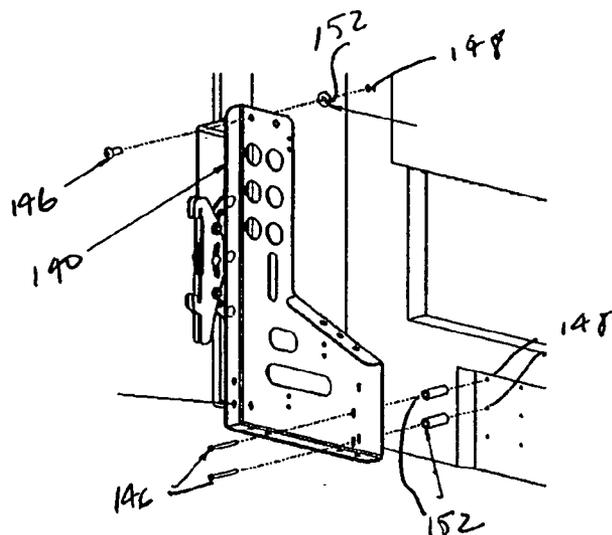
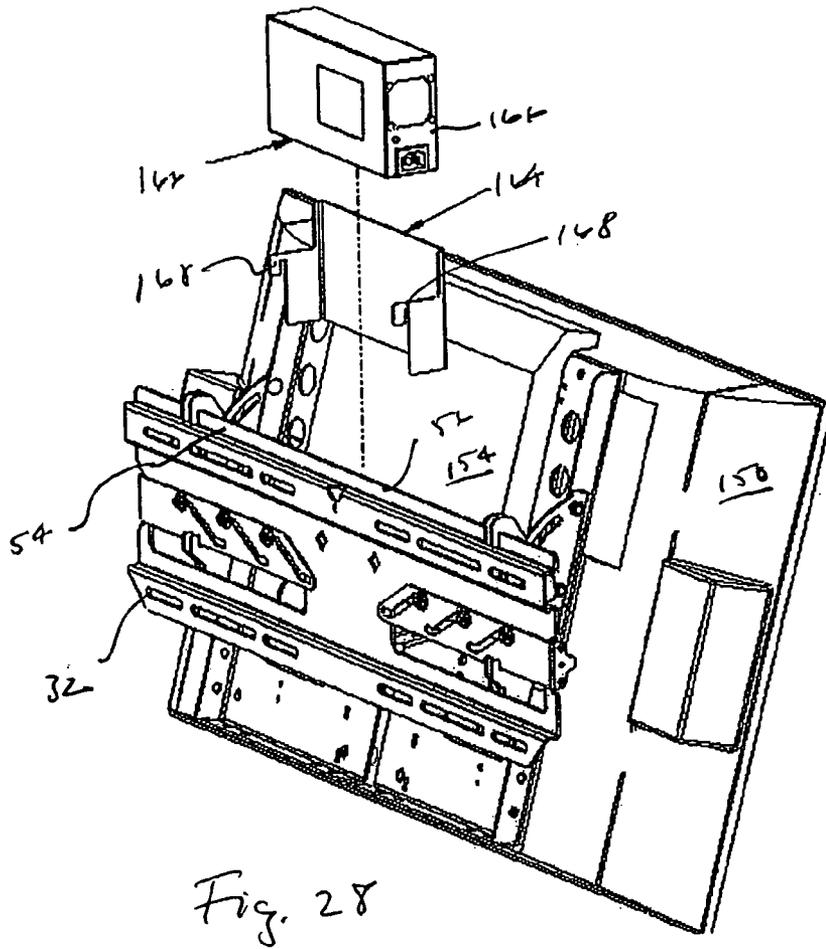
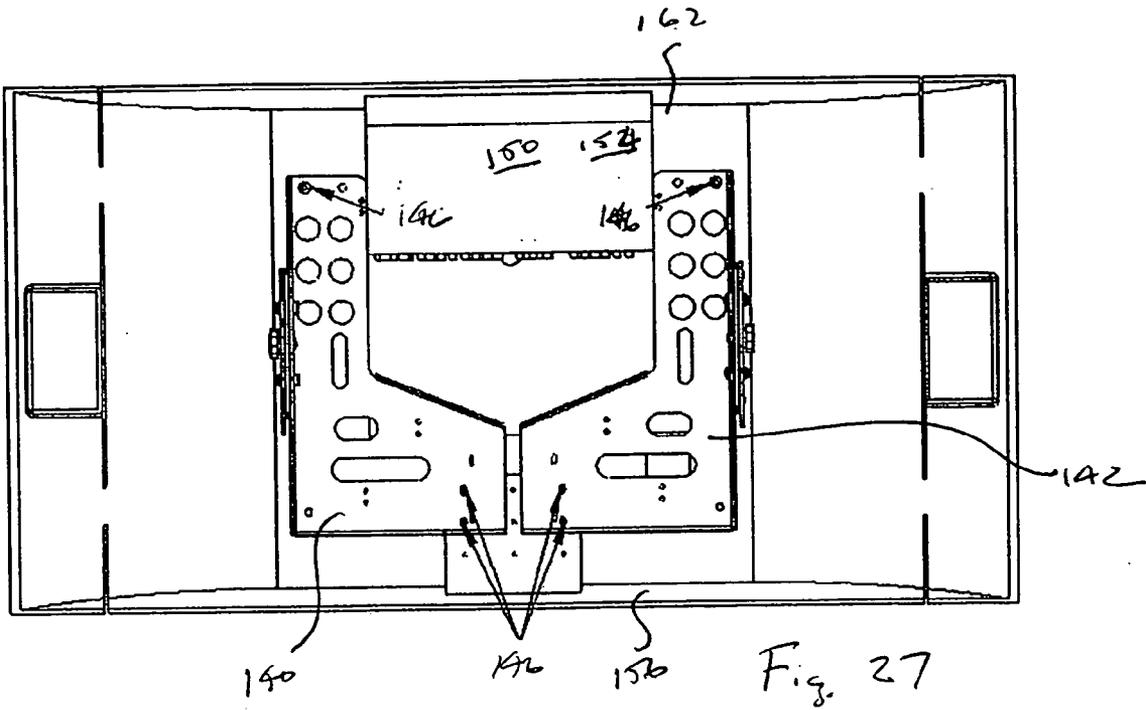


Fig. 26



**UNIVERSAL MOUNT FOR FLAT PANEL DISPLAYS**

**RELATED APPLICATIONS**

[0001] This application claims the benefit of U.S. Provisional Patent Application No. 60/614,092 filed Sep. 29, 2004, and entitled UNIVERSAL MOUNT FOR FLAT PANEL DISPLAYS, hereby fully incorporated herein by reference.

**FIELD OF THE INVENTION**

[0002] The invention relates generally to mounts for flat panel displays, and more specifically to mounts for large flat panel displays such as plasma displays.

**BACKGROUND OF THE INVENTION**

[0003] Flat panel displays have become an increasingly popular substitute for television tubes and computer CRT's (cathode ray tubes). Flat panel displays are typically mounted on a structure, such as a wall, and ideally the angle of the flat panel display relative to vertical can be adjusted for optimum viewing. Various positioning devices have been used, such as friction based hinges, mechanical linkages with springs or other biasing devices, and various mechanical latches.

[0004] A type of flat panel display known as a "plasma" display has become especially popular for large screen display devices. While plasma displays offer a large screen size in a relatively compact package, they are relatively expensive. As a result, it is often advantageous to move a plasma display between multiple locations in order to maximize usage.

[0005] Plasma displays are typically heavy and relatively delicate, and consequently, mounts for plasma displays must be capable of securely supporting the weight of the device. Numerous prior art mounting devices exist that are capable of supporting a plasma display. These previous mounting devices, however, due to the need to provide a secure attachment, typically have cumbersome latching and locking mechanisms which may be difficult to maneuver, particularly for a user attempting to mount a heavy plasma display alone. Hence, there is still a need in the industry for a secure mount for a flat panel display that is easily maneuverable by an individual user.

**SUMMARY OF THE INVENTION**

[0006] The present invention meets the need of the industry for a secure mount for a flat panel display that is easily maneuverable by an individual user. According to an embodiment of the invention, a mount for removably attaching a flat panel electronic display device to a fixed structure includes a first bracket operably couplable to the flat panel electronic display device and a second bracket operably couplable to the fixed structure. The first bracket includes a pair of opposing hooks or other engaging structures. The second bracket has a body portion presenting a first edge for receiving one of the pair of opposing hooks and at least one latch portion operably coupled with the body portion. The latch portion presents a second edge for receiving the other of the pair of opposing hooks. The latch portion is selectively shiftable between a first position and a second position relative to the body portion, wherein when the first one of the

pair of opposing hooks of the first bracket is engaged with the first edge of the second bracket, the second edge is engaged with the second one of the pair of opposing hooks to secure the first bracket and the second bracket together when the latch portion is positioned in the first position and the second edge is not engaged with the second one of the pair of opposing hooks to enable the first bracket and the second bracket to be separated when the latch portion is positioned in the second position.

[0007] In an embodiment of the invention, at least one hook bracket having a pair of opposing hooks is affixed to either the plasma display or the structure upon which the plasma display is to be mounted. A corresponding interface bracket is affixed to the other of the plasma display and the structure. The interface bracket has a body portion with a first edge for receiving a first one of the opposing hooks of the hook bracket and at least one latch portion operably coupled with the first body portion. The latch portion has a second edge for receiving the second hook of the hook bracket. With the first edge engaged in the first hook of the hook bracket, the latch portion is selectively shiftable between a disengaged position, wherein the second edge is clear of the second hook, and an engaged position, wherein the second edge is engaged in the second hook to secure the plasma display in place on the structure.

[0008] In one embodiment, a pair of hook brackets are spaced apart on the back surface of a plasma display with the opposing hooks oriented in a vertical direction. The interface bracket has a pair of latch portions operably coupled with the body portion. The interface bracket is mounted on the fixed structure so that the first edge is oriented generally upward. In operation, with both latch portions in the disengaged position, the top hooks of the spaced-apart hook brackets, are engaged over the first edge of the interface bracket. The latch portions are then shifted to the engaged position, thereby engaging the second edge of each in a separate one of the bottom hooks of the hook bracket, securing the display in place on the interface bracket and the fixed structure to which it is attached. Removal of the plasma display is the reverse of installation.

[0009] In an embodiment of the invention, each of the latch portions of the interface bracket have a plurality of slots defined therein. Each slot may have a central portion positioned at an angle relative to the horizontal and extending upward and laterally outward. Further, each slot may have a generally horizontal portion at each end, with the inward horizontal portion being generally lower than the outward horizontal portion. The body portion has a plurality of outwardly extending guide posts, and each guide post is slidably engaged in a separate one of the slots in the latch portions. The guide posts may have an enlarged retaining head on the outward end. The latch portions are selectively laterally slidable to shift between the engaged and disengaged positions. In the disengaged position, the guide posts are positioned in the inward, relatively lower, horizontal portion of the slots. As the latch portion is urged laterally inward toward the center of the body portion and the guide posts encounter the angled portion of the slots, the latch portions move downwardly as the guide posts slide in the angled slot portions, and the edges of the latch portions engage in the upwardly directed hooks of the hook brackets. When the guide posts encounter the outward, relatively higher, portions of the guide slots, the latch portions may be

moved further laterally inward to the end of the slots to inhibit easy disengagement of the edges of the latch portions from the hooks. Again, removal is the reverse of installation.

#### BRIEF DESCRIPTION OF THE DRAWINGS

[0010] **FIG. 1** is a perspective view from the back side of an interface bracket of a mount according to the present invention;

[0011] **FIG. 1A** is a front elevation view of the interface bracket of **FIG. 1**;

[0012] **FIG. 1B** is a side elevation view of the interface bracket of **FIG. 1**;

[0013] **FIG. 2** is a front perspective view of an embodiment of a mount according to the present invention;

[0014] **FIG. 3** is a front perspective view of another embodiment of a mount according to the present invention;

[0015] **FIG. 4** is a side elevation view of an interface channel according to the invention;

[0016] **FIG. 5** is a front elevation view of the interface channel of **FIG. 4**;

[0017] **FIG. 5A** is a perspective view of the interface channel of **FIG. 4**;

[0018] **FIG. 6** is a perspective view of a hook plate and tilt plate assembly according to an embodiment of the invention;

[0019] **FIG. 7** is a perspective view of an embodiment of a hook plate according to the invention;

[0020] **FIG. 8** is an exploded view of the hook plate and tilt plate assembly of **FIG. 6**;

[0021] **FIG. 9** is a perspective view of the assembly of **FIG. 8** in an assembled condition;

[0022] **FIG. 10** is a perspective view of a hook bracket according to an embodiment of the invention;

[0023] **FIG. 11** is a perspective view of a hook bracket according to another embodiment of the invention;

[0024] **FIG. 12** is a perspective view of a tilt adjustable embodiment of a mount according to the present invention attached to a flat panel display having one latch portion in a latched position and another latch portion in an unlatched position;

[0025] **FIG. 13** is a perspective view of a non-tilt adjustable embodiment of a mount according to the present invention attached to a flat panel display having one latch portion in a latched position and another latch portion in an unlatched position;

[0026] **FIG. 14** is a perspective view of a mount according to the present invention with a display in an intermediate stage of installation;

[0027] **FIG. 15** is a perspective view of a mount according to the present invention with a display in another intermediate stage of installation;

[0028] **FIG. 16** is a partial perspective view of a mount according to the present invention with a display in yet another intermediate stage of installation;

[0029] **FIG. 17** is a partial perspective view of a mount according to the present invention with a display in still another intermediate stage of installation;

[0030] **FIG. 18** is a rear elevation view of an interface bracket according to the invention with the latch portions in the unlatched position;

[0031] **FIG. 19** is a rear elevation view of the interface bracket of **FIG. 18** with the latch portions in the latched position;

[0032] **FIG. 20** is a close-up perspective view of a locking flange and corresponding interface bracket flange according to an embodiment of the invention;

[0033] **FIG. 21** is a close-up perspective view of the latch portion of the interface bracket in the latched position and engaging a hook bracket;

[0034] **FIG. 22** is a perspective view of an alternative embodiment of the mount of the present invention;

[0035] **FIG. 23** is a perspective view of a lower portion of the mount of **FIG. 22** depicting one mode of attaching the interface brackets to a display;

[0036] **FIG. 24** is a perspective view of the upper portion of the mount and mode of attachment depicted in **FIG. 23**;

[0037] **FIG. 25** is a rear elevation view of the mount of **FIG. 22** attached to a display using the mode depicted in **FIGS. 23 and 24**;

[0038] **FIG. 26** is a perspective view of a portion of the mount of **FIG. 22** showing another mode of attaching the interface brackets to the display;

[0039] **FIG. 27** is a rear elevation view of the mount of **FIG. 22** attached to a display using the mode depicted in **FIG. 26**; and

[0040] **FIG. 28** is a perspective view of the mount of the present invention depicting an optional mount for a display accessory.

#### DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

[0041] Mount **30** of the present invention generally includes interface bracket **32** and hook brackets **34**. Interface bracket **32** generally includes body portion **36** with a pair of laterally slidable latch portions **38**. Body portion **36** has lower **40** and upper **42** mounting flanges, each with a plurality of elongate apertures **44** for receiving fasteners (not depicted) to fasten interface bracket **32** to a fixed structure such as the wall or column of a building. Raised portion **46** is provided between mounting flanges **40, 42**, defining a latch recess **48** on the back side **50** of interface bracket **32**. Apertures **52** may be defined in raised portion **46** to accommodate hook brackets **34** as further described herein below. Hanger flange **54** extends upward and outward above upper mounting flange **42**, and presents upper edge **56** for receiving hook brackets **34** as also further described hereinbelow.

[0042] Opposing latch portions **38** each have a plurality of guide slots **58**. Each guide slot **58** includes a central portion **60** angled upward and outwardly relative to the center of interface bracket **32**, and may include inner **62** and outer **64** portions, which are oriented generally horizontal. Guide posts **66** extend outwardly from the back side **50** of interface

bracket 32 into latch recess 48, and are received in guide slots 58. Each guide post 66 may have an enlarged head portion 68 having a larger diameter than the width of guide slot 58. These enlarged head portions 68 serve to retain latch portions 38 on body portion 36. Guide posts 66 may be threaded fasteners such as screws or bolts.

[0043] As depicted in FIGS. 18 and 19, latch portions 38 are selectively shiftable between an unlatched position, depicted in FIG. 18, and a latched position, depicted in FIG. 19. In the unlatched position, guide posts 66 are positioned in inner portion 62 of guide slots 58. As latch portions 38 are urged inwardly in the direction of the arrows toward the center of interface bracket 32, guide posts 66 encounter angled central portion 60 of guide slots 58. Latch portions 38 move inwardly and downward as central portions 60 of guide slots 58 move around guide posts 66. When guide posts 66 reach the upper limit of central portion 60, latch portions 32 may be moved further inward so that guide posts 66 reach the outer ends of outer portions 64 of guide slots 58, and latch portions are positioned in the fully latched position, depicted in FIG. 19.

[0044] Latch portions 32 may include a locking flange 70 at outer end 72. When latch portions 32 are positioned in the latched position, locking flange 70 confronts corresponding flange 74 on interface bracket 32. Locking flange 70 and flange 74 may include corresponding apertures 76 for receiving a padlock (not depicted) and/or corresponding apertures 78 for receiving a self-tapping screw (not depicted) to lock latch portions 32 in the latched position.

[0045] Hook bracket 34 generally includes interface channel 80 and hook plate 82. Optionally, tilt plate 84 may be included to enable vertical tilting adjustment of a display as further described herein below. Interface channel 80 is depicted in FIGS. 4, 5, and 5A, and generally includes a u-shaped body portion 86 having a center portion 88 with a pair of opposing side flanges 90, 92. Center portion 88 may have a plurality of round apertures 94 and elongate apertures 96 for receiving fasteners (not depicted) to attach hook bracket 34 to the back side 98 of a display 100 as depicted in FIGS. 12 and 13. Electrical isolation for the display may be provided with fasteners and/or washers made from appropriately electrically isolating materials as disclosed in U.S. Utility patent application Ser. No. 10/821,395, commonly owned by the owners of the present invention, and hereby fully incorporated herein by reference. One or both of side flanges 90, 92, may have a plurality of apertures 102 for receiving fasteners 104 to couple interface channel 80 with hook plate 82 or tilt plate 84. As depicted in FIG. 4, apertures 102 may be square to accommodate carriage bolts to be used for fasteners 104.

[0046] As depicted in FIGS. 6 and 7, hook plate 82 has opposing upper 106 and lower 108 hooks. Upper hook 106 defines upper slot 107, which is dimensioned so as to be snugly receivable on upper edge 56 of hanger flange 54 of interface bracket 32. Lower hook 108 defines lower slot 110, which is dimensioned to receive the lower edge 112 of latch portions 32. In the non-adjustable embodiment of FIG. 7, round apertures 114 are provided in hook plate 82 to receive fasteners such as carriage bolts 104 to couple hook plate 82 to interface channel 80.

[0047] A tiltably adjustable embodiment of hook bracket 34 is depicted in FIGS. 6, 8, and 9. In this embodiment,

hook plate 82 has a pair of round apertures 116 flanking a curved slot 118. Tilt plate 84 has central round aperture 120 and curved slots 122. Round apertures 124 receive carriage bolts 104 to fasten tilt plate 84 to interface channel 80. Fasteners 126 extend through round apertures 116 and bushings 128, which ride in curved slots 112. Fasteners 126 are secured in place with nuts 130. Nuts 130 may be locking nuts to increase the overall security of the installation. Friction washers 132 and standard washers 134 may be provided to facilitate smooth sliding motion between tilt plate 84 and hook plate 82. Fastener 136 extends through central aperture 120 and curved slot 118, and is securing in place with thumb nut 138. Again, friction washers 140 may be provided to facilitate smooth sliding motion between tilt plate 84 and hook plate 82. It will be appreciated that curved slots 122 may be configured and positioned so as to locate the center of tilting rotation proximate the center of gravity of the display, as disclosed in co-pending U.S. Utility patent application Ser. No. 10/449,833, commonly owned by the owners of the present invention, and hereby fully incorporated herein by reference.

[0048] In operation, a pair of hook brackets 34 are spaced apart to the back side 98 of a display 100, so that hook plates 82 are generally vertically positioned with upper hook 106 on top. Latch portions 32 are positioned in the unlatched position, and upper hooks 106 are engaged over upper edge 56 of hanger flange 54 of interface bracket 32. Lower hooks 108 extend through apertures 52 so that lower slots 110 defined by lower hooks 108 vertically align with lower edges 112 of latch portions 32. Latch portions 32 are then urged inwardly toward the center of interface bracket 32 and move inwardly and downward as guide slots 58 slide around guide posts 66, until lower edges 112 of both latch portions 32 are engaged in lower slots 110 and guide posts 66 are positioned at the outer ends of guide slots 58. In this position, locking flanges 70 confront corresponding flanges 74 on interface bracket 32, and the latch portions 32 may be locked in the latched position as described herein above. Removal of the display from mount 30 is the reverse of installation.

[0049] One in position, the tilt position of display 100 may be adjusted in the tilt embodiment of the invention by slightly loosening thumb nuts 138, enabling hook plates 82 to slide up or down relative to tilt plate 84, guided by curved slots 118, 122. Once in the desired tilt orientation, thumb nuts 138 may be tightened to frictionally hold the display 100 in position.

[0050] Other configurations are contemplated within the scope of the present invention, including for example, configurations wherein hook brackets 34 are attached to the fixed structure and interface bracket 32 is attached to the display. It will of course be appreciated that, in such a configuration, interface bracket 32 and hook brackets 34 would be inverted so that upper edge 56 of interface bracket 32 faces downward. Further, it will be appreciated that other embodiments of the invention may include only one hook bracket 34, or any other number of hook brackets. It will also be appreciated that functionally similar engaging structures other than hooks may be used, such as opposing channels, flanges, or recesses.

[0051] In one alternative embodiment of the invention depicted in FIGS. 22-28, opposing L-shaped interface

brackets **140, 142**, are coupled with hook brackets **34**. Interface brackets **140, 142**, may include a plurality of apertures **144** disposed at predetermined locations corresponding to fastener receiving locations of particular displays, thereby allowing for varying modes of attachment to displays of different makes, models, and sizes.

[0052] In one example, depicted in **FIGS. 23-25**, fasteners **146** extend through apertures **144** and are threaded into holes **148** in display **150**. Spacers **152**, which may be made from any suitable material such as nylon, are employed to space interface brackets **140, 142**, apart from the back side **154** of display **150**. In the display model of the depicted example, holes **148** are congregated near the bottom edge **156** of display **150**. Resilient bumpers **158** are positioned between display **150** and each interface bracket **140, 142**, proximate bracket top edge **160** to maintain proper spacing of the interface brackets **140, 142**, from display **150**. In another example, depicted in **FIGS. 26-27**, holes **148** are positioned proximate both bottom edge **156** and top edge **162** of display **150**, enabling interface brackets **140, 142**, to be attached to display **150** proximate both the bottom and top edges of the bracket. It will be appreciated that interface brackets **140, 142**, may be provided with any number of apertures **144** positioned so as to correspond with fastener receiving locations for any desired display device. Further, it will be appreciated that brackets **140, 142**, may be spaced apart any desired distance to accommodate displays of varying sizes.

[0053] **FIG. 28** depicts one embodiment of an optional bracket **164** for mounting an accessory **166** such as a display power box. Bracket **164** generally includes a body portion **166** configured and dimensioned to receive accessory **166**, and having a pair of hooks **168**. Hooks **168** may be hooked over upper edge **56** of hanger flange **54** of interface bracket **32**. It will be appreciated that bracket **164** may be configured to receive and mount any desired accessory for which space allows between the back side **154** of display **150** and the wall or other fixed structure to which the display is mounted.

What is claimed is:

1. A mount for removably attaching a flat panel electronic display device to a fixed structure, the mount comprising:

a first bracket operably couplable to the flat panel electronic display device, the first bracket including a pair of opposing hooks;

a second bracket operably couplable to the fixed structure, the second bracket having a body portion presenting a first edge for receiving a first one of the pair of opposing hooks of the first bracket, the second bracket further including at least one latch portion operably coupled with the body portion, the latch portion presenting a second edge for receiving a second one of the pair of opposing hooks of the first bracket, the latch portion selectively shiftable between a first position and a second position relative to the body portion, wherein when the first one of the pair of opposing hooks of the first bracket is engaged with the first edge of the second bracket, the second edge is engaged with the second one of the pair of opposing hooks to secure the first bracket and the second bracket together when the latch portion is positioned in the first position and the second edge is not engaged with the second one of the pair of opposing hooks to enable the first bracket and the

second bracket to be separated when the latch portion is positioned in the second position.

2. The mount of claim 1, wherein the latch portion and the body portion of the second bracket each include at least one guide structure, and wherein the guide structures of the latch portion and the body portion are operably engaged with each other.

3. The mount of claim 2, wherein the at least one guide structure of the latch portion comprises a slot, and the at least one guide structure of the body portion comprises a post engaged in the slot.

4. The mount of claim 3, wherein the slot has a pair of opposing generally straight end portions and an intermediate portion connecting the end portions.

5. The mount of claim 4, wherein each of the end portions presents a separate longitudinal axis, and wherein the longitudinal axes of the end portions are non-coincident.

6. The mount of claim 5, wherein the longitudinal axes of the end portions are generally parallel.

7. The mount of claim 1, wherein the first bracket includes a display interface portion operably attachable to the electronic flat panel display and a hook bracket portion including the pair of opposing hooks operably coupled to the display interface portion.

8. The mount of claim 7, wherein the display interface portion is selectively positionable relative to the hook bracket portion.

9. The mount of claim 8, wherein the display interface portion and the hook bracket portion each include at least one guide structure, and wherein the guide structures of the display interface portion and the hook bracket portion are operably engaged with each other.

10. The mount of claim 9, wherein one of the guide structures of the display interface portion and the hook bracket portion is a curved slot and the other is a follower engaged in the curved slot, wherein the curved slot has a generally constant radius of curvature about a center point, and wherein the curved slot is oriented and positioned so that when the electronic flat panel display is attached to the first bracket, the center point of the radius of curvature of the curved slot is positioned proximate a center of gravity of the electronic flat panel display.

11. A selectively demountable electronic flat panel display system comprising:

an electronic flat panel display;

a first bracket operably coupled to the flat panel electronic display, the first bracket including a pair of opposing hooks;

a second bracket operably coupled to a fixed structure, the second bracket having a body portion presenting a first edge for receiving a first one of the pair of opposing hooks of the first bracket, the second bracket further including at least one latch portion operably coupled with the body portion, the latch portion presenting a second edge for receiving a second one of the pair of opposing hooks of the first bracket, the latch portion selectively shiftable between a first position and a second position relative to the body portion, wherein when the first one of the pair of opposing hooks of the first bracket is engaged with the first edge of the second bracket, the second edge is engaged with the second one of the pair of opposing hooks to secure the first bracket and the second bracket together when the latch

portion is positioned in the first position and the second edge is not engaged with the second one of the pair of opposing hooks to enable the first bracket and the second bracket to be separated when the latch portion is positioned in the second position.

12. The system of claim 11, wherein the latch portion and the body portion of the second bracket each include at least one guide structure, and wherein the guide structures of the latch portion and the body portion are operably engaged with each other.

13. The system of claim 12, wherein the at least one guide structure of the latch portion comprises a slot, and the at least one guide structure of the body portion comprises a post engaged in the slot.

14. The system of claim 13, wherein the slot has a pair of opposing generally straight end portions and an intermediate portion connecting the end portions.

15. The system of claim 14, wherein each of the end portions presents a separate longitudinal axis, and wherein the longitudinal axes of the end portions are non-coincident.

16. The system of claim 15, wherein the longitudinal axes of the end portions are generally parallel.

17. The system of claim 11, wherein the first bracket includes a display interface portion operably coupled to the electronic flat panel display and a hook bracket portion including the pair of opposing hooks operably coupled to the display interface portion.

18. The system of claim 17, wherein the display interface portion is selectively positionable relative to the hook bracket portion.

19. The system of claim 18, wherein the display interface portion and the hook bracket portion each include at least one guide structure, and wherein the guide structures of the display interface portion and the hook bracket portion are operably engaged with each other.

20. The system of claim 19, wherein one of the guide structures of the display interface portion and the hook bracket portion is a curved slot and the other is a follower engaged in the curved slot, wherein the curved slot has a generally constant radius of curvature about a center point, and wherein the curved slot is oriented and positioned so that the center point of the radius of curvature of the curved slot is positioned proximate a center of gravity of the electronic flat panel display.

21. A mount for removably attaching a flat panel electronic display device to a fixed structure, the mount comprising:

a first bracket operably couplable to the flat panel electronic display device, the first bracket including a pair of opposing hooks;

a second bracket operably couplable to the fixed structure, the second bracket having a body portion presenting a first edge for receiving a first one of the pair of opposing hooks of the first bracket, the second bracket further including at least one latch portion operably coupled with the body portion, the latch portion presenting a second edge for receiving a second one of the pair of opposing hooks of the first bracket, the second bracket further including means enabling selective shifting of the latch portion between a first position and a second position relative to the body portion, wherein when the first one of the pair of opposing hooks of the first bracket is engaged with the first edge of the second

bracket, the second edge is engaged with the second one of the pair of opposing hooks to secure the first bracket and the second bracket together when the latch portion is positioned in the first position and the second edge is not engaged with the second one of the pair of opposing hooks to enable the first bracket and the second bracket to be separated when the latch portion is positioned in the second position.

22. The mount of claim 21, wherein the means enabling selective shifting of the latch portion the latch portion includes corresponding guide structures on the body portion and the latch portion of the second bracket, the guide structures of the latch portion and the body portion being operably engaged with each other.

23. The mount of claim 22, wherein the guide structure of the latch portion comprises at least one slot, and the guide structure of the body portion comprises at least one post engaged in the at least one slot.

24. The mount of claim 23, wherein the at least one slot has a pair of opposing generally straight end portions and an intermediate portion connecting the end portions.

25. The mount of claim 24, wherein each of the end portions presents a separate longitudinal axis, and wherein the longitudinal axes of the end portions are non-coincident.

26. The mount of claim 25, wherein the longitudinal axes of the end portions are generally parallel.

27. The mount of claim 22, wherein the first bracket includes a display interface portion operably attachable to the electronic flat panel display and a hook bracket portion including the pair of opposing hooks operably coupled to the display interface portion.

28. The mount of claim 27, wherein the display interface portion is selectively positionable relative to the hook bracket portion.

29. The mount of claim 28, wherein the display interface portion and the hook bracket portion each include at least one guide structure, and wherein the guide structures of the display interface portion and the hook bracket portion are operably engaged with each other.

30. The mount of claim 29, wherein one of the guide structures of the display interface portion and the hook bracket portion is a curved slot and the other is a follower engaged in the curved slot, wherein the curved slot has a generally constant radius of curvature about a center point, and wherein the curved slot is oriented and positioned so that when the electronic flat panel display is attached to the first bracket, the center point of the radius of curvature of the curved slot is positioned proximate a center of gravity of the electronic flat panel display.

31. A mount for removably attaching a flat panel electronic display device to a fixed structure, the mount comprising:

a first bracket and a second bracket, the first bracket operably couplable to the flat panel electronic display device and the second bracket operably couplable to the fixed structure, the second bracket having a body portion presenting a first edge and at least one latch portion operably coupled with the body portion, the latch portion presenting a second edge, the first bracket including pair of engaging structures, each engaging structure for engaging a separate one of the first edge and the second edge, the latch portion selectively shiftable between a first position and a second position

relative to the body portion, wherein when a first one of the pair of engaging structures is engaged with the first edge of the second bracket, the second edge is engaged with a second one of the pair of engaging structures to secure the first bracket and the second bracket together when the latch portion is positioned in the first position and the second edge is not engaged with the second one

of the pair of engaging structures to enable the first bracket and the second bracket to be separated when the latch portion is positioned in the second position.

**32.** The mount of claim 31, wherein at least one of the engaging structures is a hook.

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