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(19) **United States**(12) **Patent Application Publication**
Hedrick et al.(10) **Pub. No.: US 2005/0064942 A1**(43) **Pub. Date: Mar. 24, 2005**(54) **MODULAR CABINETS AND REPLACEABLE
LAMINATE PANELS FOR A GAMING
DEVICE****Publication Classification**(51) **Int. Cl.⁷** **A63F 9/24**(52) **U.S. Cl.** **463/46**(76) **Inventors: Joseph R. Hedrick, Reno, NV (US);
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Adam H. Masia**Bell, Boyd & Lioyd LLC****P.O. Box 1135****Chicago, IL 60690-1135 (US)**(57) **ABSTRACT**

A modular cabinet for use with a gaming device. The gaming device modular cabinet includes a display cabinet removably connected to a component cabinet by a locking mechanism. The cabinets are preferably made of rolled steel, where the display cabinet is adapted to receive at least the display, while the component cabinet is adapted to receive the components for the gaming device other than the display. In a preferred embodiment, the present invention includes laminated side panels connected to the display and component cabinets. The gaming device further includes a monitor cover removably connected to the display cabinet.

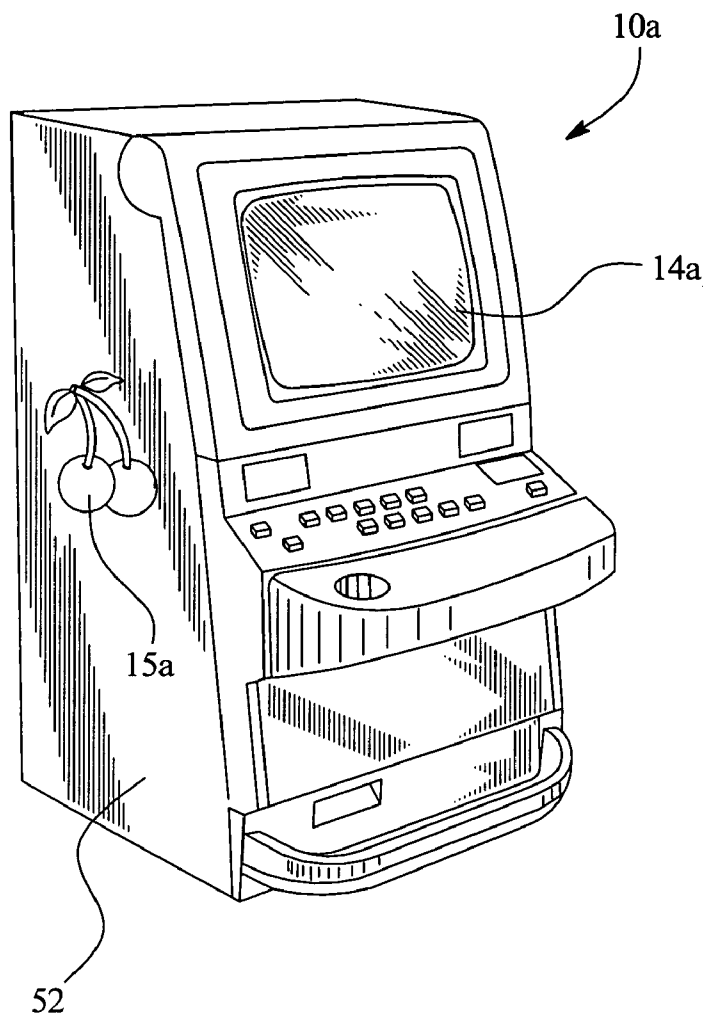
(21) **Appl. No.: 10/985,127**(22) **Filed: Nov. 9, 2004****Related U.S. Application Data**(63) **Continuation of application No. 09/690,705, filed on
Oct. 17, 2000, now Pat. No. 6,820,875.**

FIG. 1

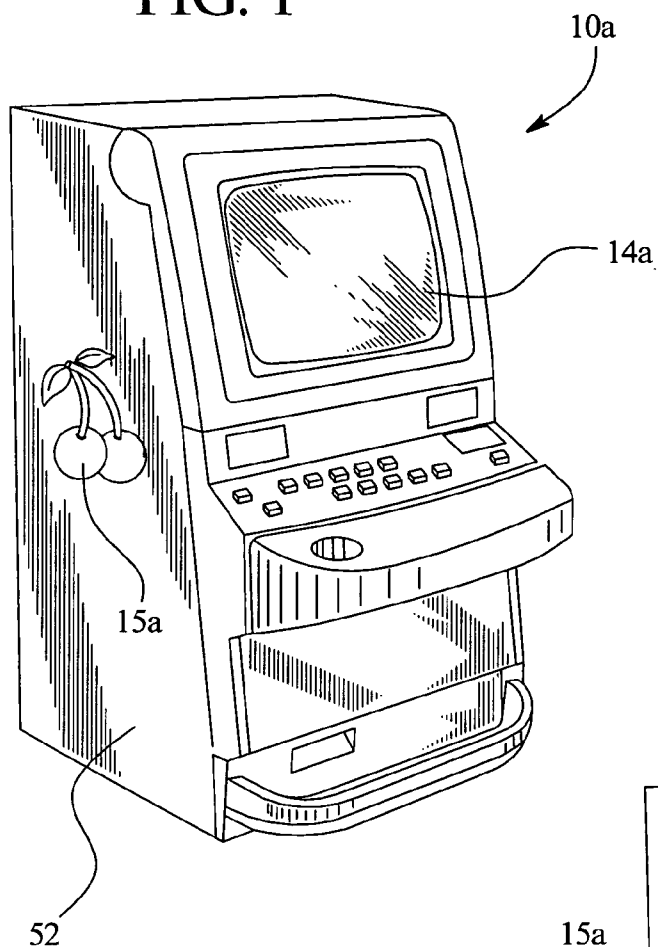
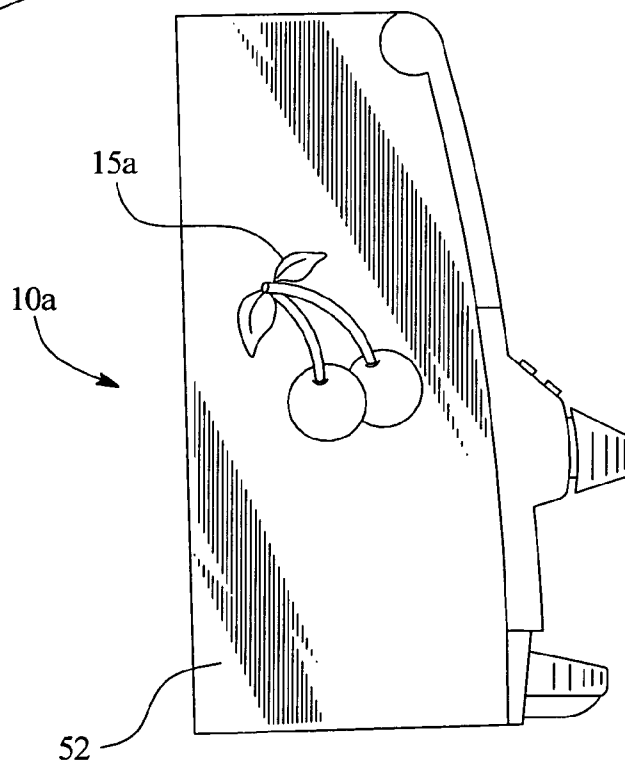


FIG. 2



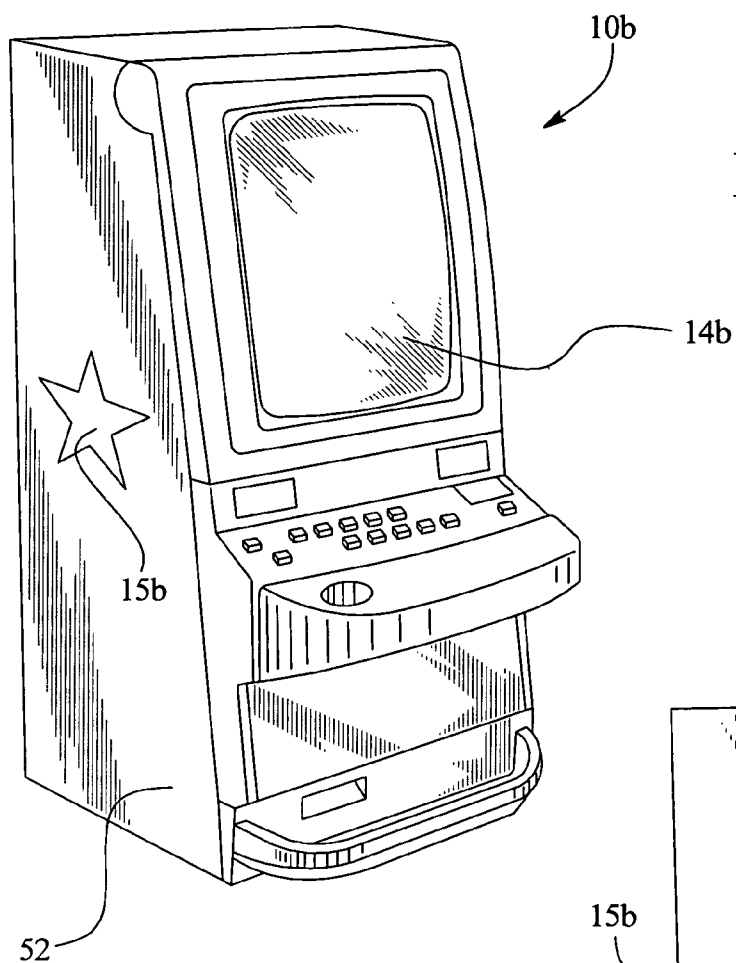


FIG. 3

FIG. 4

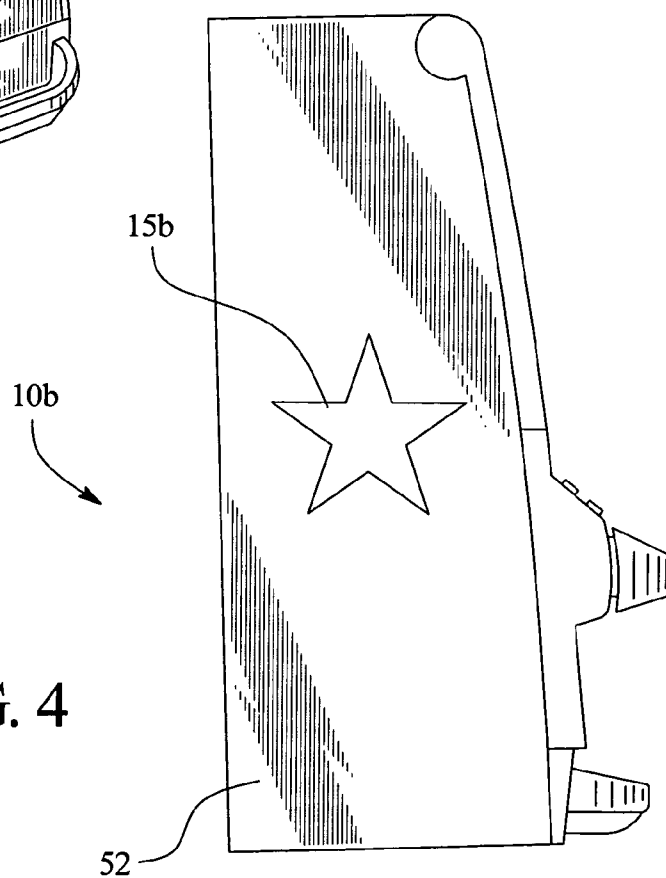


FIG. 6

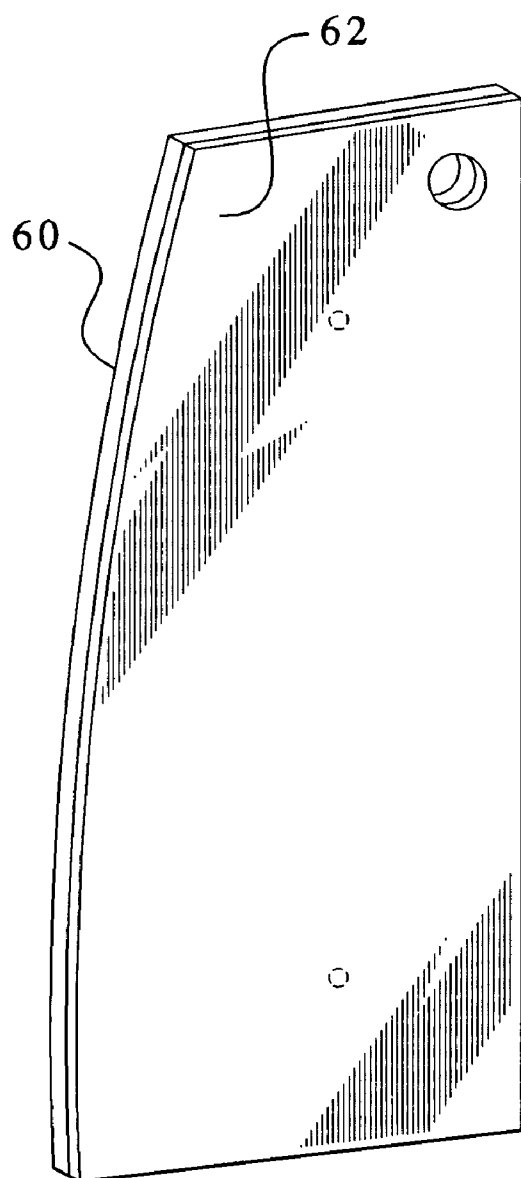


FIG. 7

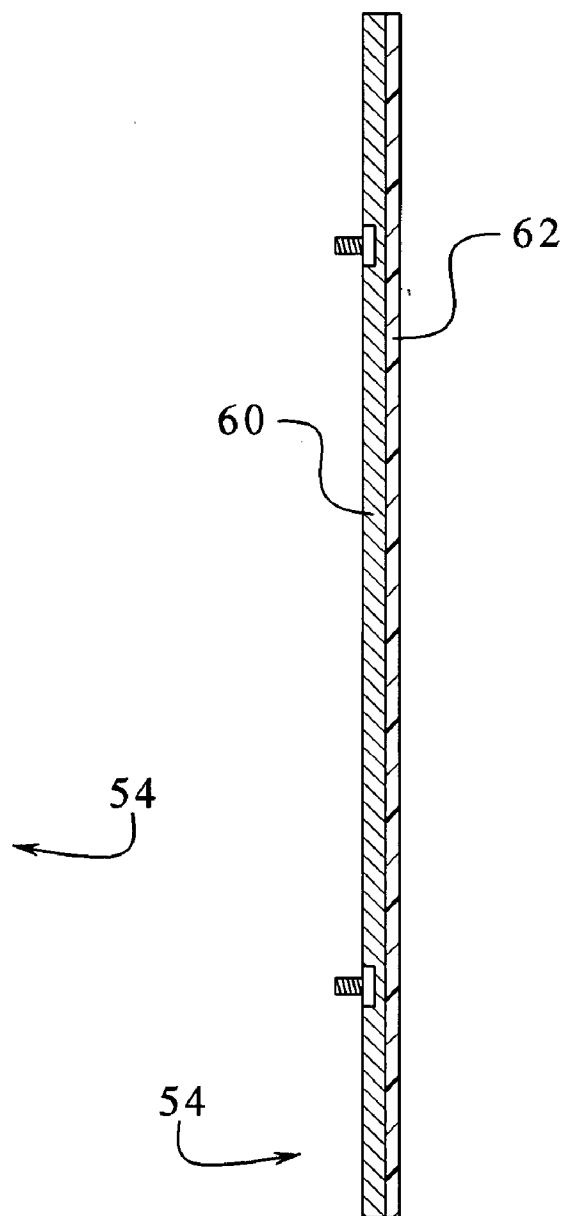
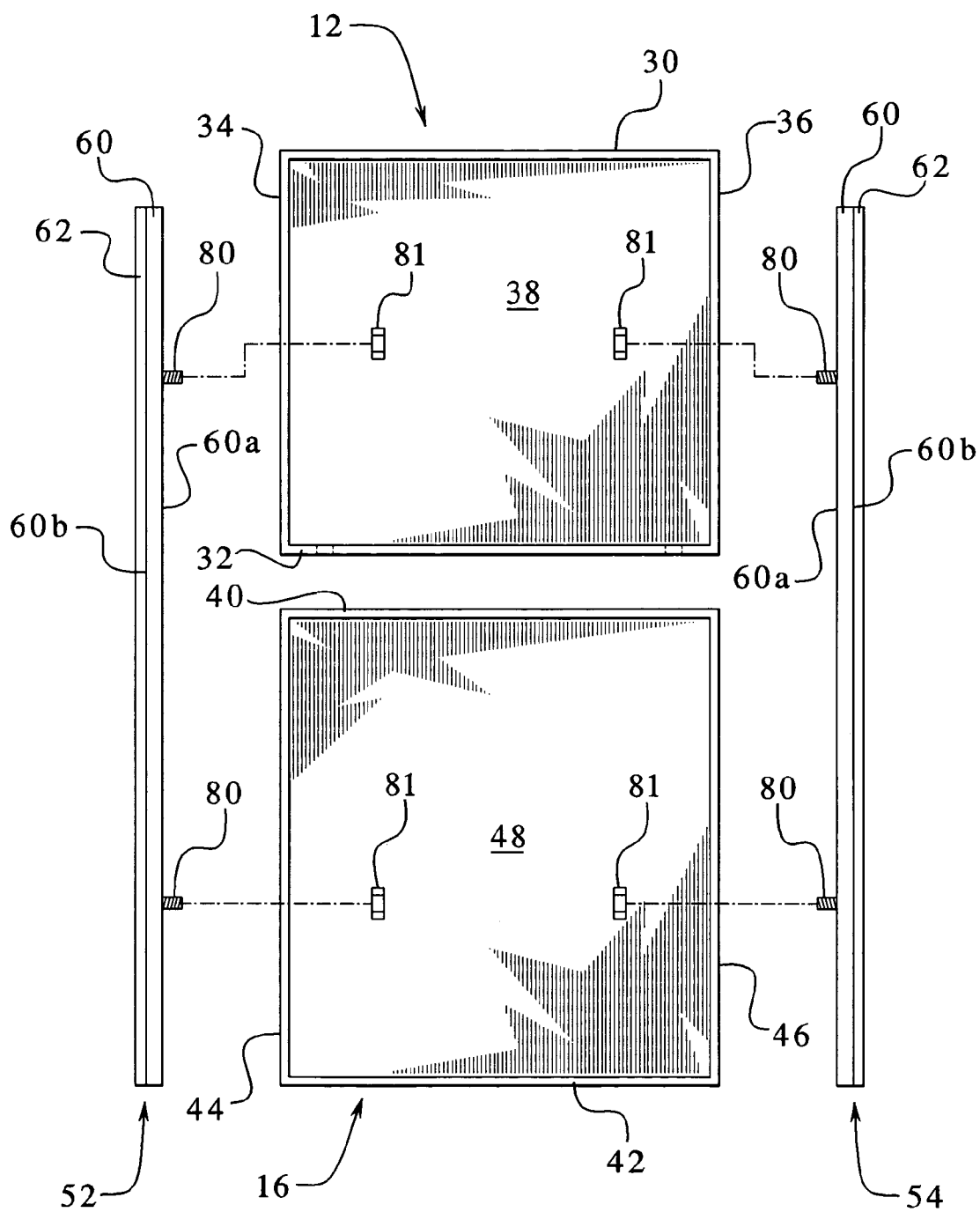


FIG. 8



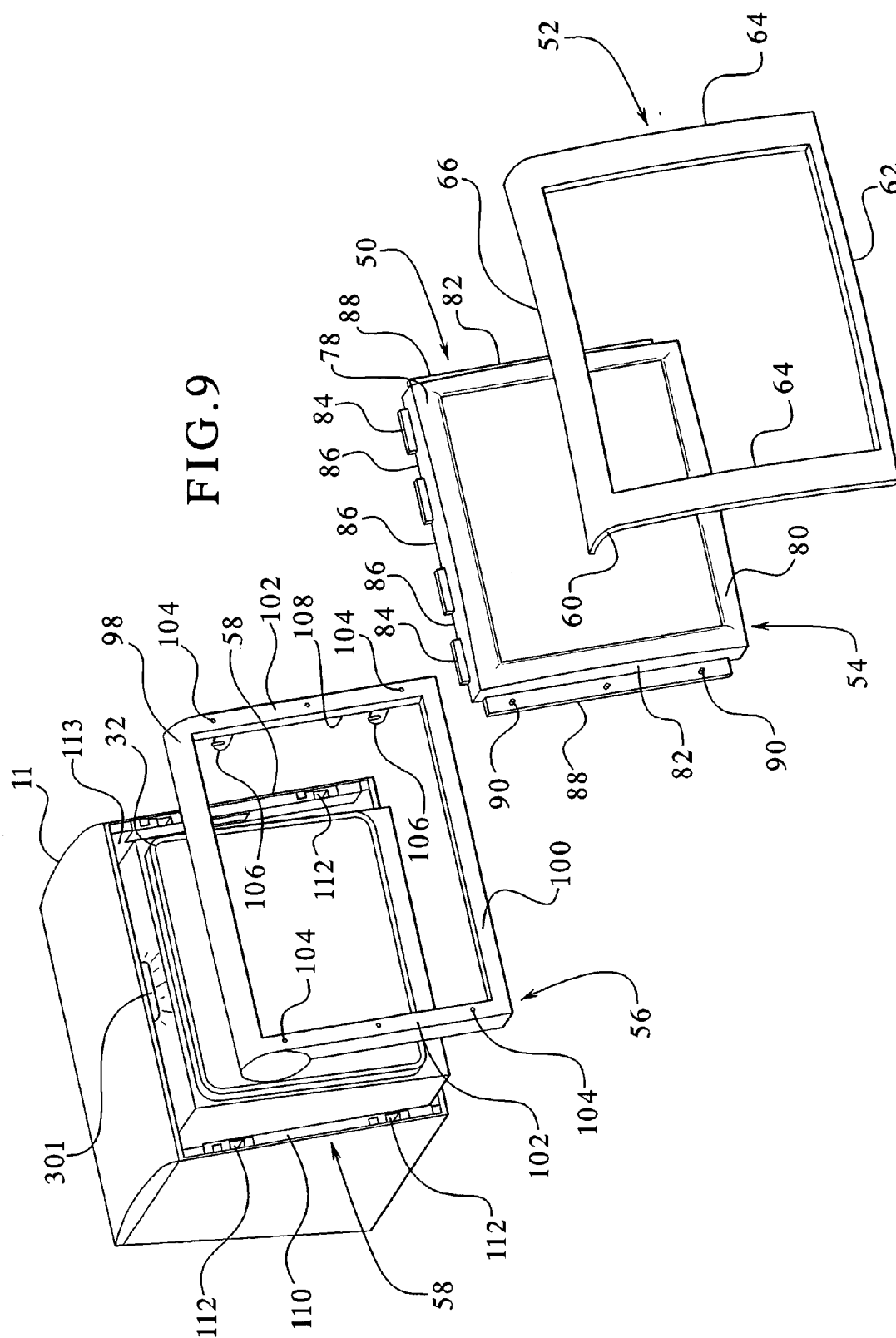
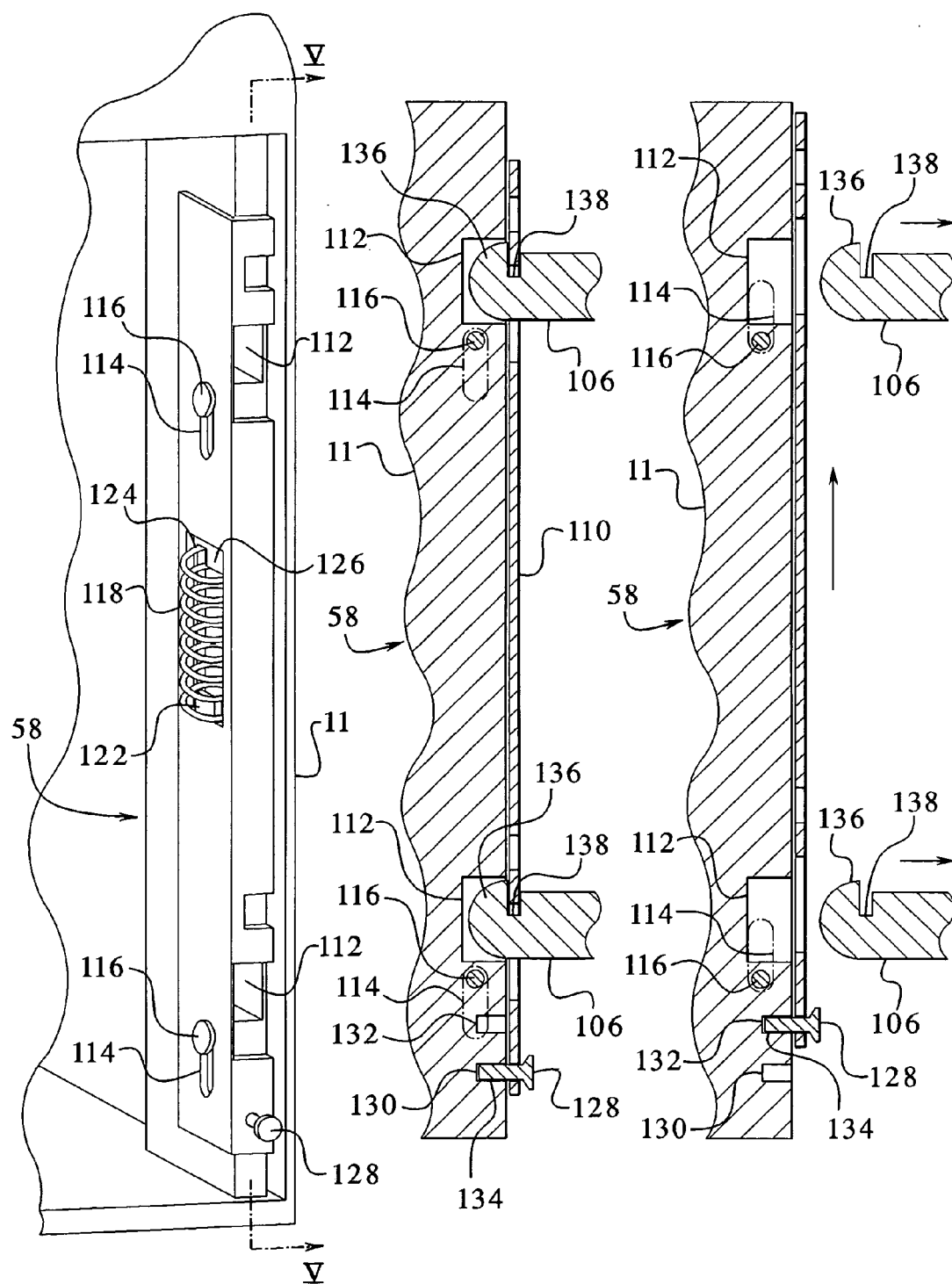


FIG.11

FIG.12

FIG.13



MODULAR CABINETS AND REPLACEABLE LAMINATE PANELS FOR A GAMING DEVICE

PRIORITY CLAIM

[0001] This application is a continuation of, claims priority to and the benefit of U.S. patent application Ser. No. 09/690,705, filed on Oct. 17, 2000, the entire contents of which are incorporated herein.

CROSS-REFERENCE TO RELATED APPLICATIONS

[0002] This application is related to the following commonly-owned co-pending patent applications: "TRANSLUCENT MONITOR MASKS, SUBSTRATE AND APPARATUS FOR REMOVABLE ATTACHMENT TO GAMING DEVICE CABINET," Ser. No. 09/686,243, Attorney Docket No. 0112300-450, now U.S. Pat. No. 6,575,541; "DISPLAY AND MASK FOR A GAMING DEVICE," Ser. No. 29/130,997, Attorney Docket No. 0112300-453, now U.S. Pat. No. D456,855; "DISPLAY AND MASK FOR A GAMING DEVICE," Ser. No. 29/131,001, Attorney Docket No. 0112300-454, now U.S. Pat. No. D456,046; "DISPLAY AND MASK FOR A GAMING DEVICE," Ser. No. 29/131,076, Attorney Docket No. 0112300-461, now U.S. Pat. No. D456,457.

[0003] The present invention relates in general to a gaming device, and more particularly to a gaming device having a modular construction with replaceable laminate panels and a method for manufacturing, modifying, changing and repairing such gaming devices.

BACKGROUND OF THE INVENTION

[0004] Manufacturing gaming devices is an expensive and time intensive process. Currently, gaming devices are effectively custom designed to accommodate a particular gaming theme or scheme. While many similar parts are used for gaming devices such as player input devices or buttons and coin, token and bill acceptors, the overall design or appearance of contemporary gaming device are somewhat dependant on the gaming theme or scheme. Obviously, such gaming devices cannot be built until the manufacturer determines the game theme and scheme. This includes determining the decorations such as the color of and other indicia on the outside of the gaming device viewable by the players.

[0005] One conventional process for assembling a gaming device includes attaching wood panels to a steel cabinet or laminating directly to the steel cabinet structure. The exterior surfaces of the wood panels are laminated or otherwise decorated. The wood panels are cut or otherwise made to fit the cabinet, which is a time intensive and expensive process. These wood panels are difficult to work with, heavy, unwieldy and require a great deal of maneuvering to properly position the panels on the cabinet during the manufacturing process. Moreover, removing and replacing these panels is difficult. The wood panels cannot easily be removed in a gaming area to change the gaming theme or scheme of a gaming device or exchange new panels for damaged or discolored panels. The attachment of laminate directly to the steel cabinet structure requires the lamination process to take place prior to any assembly. This process increases lead times because no work can be done until the laminate has been applied.

[0006] Removing such gaming devices from the gaming area to change the panels is prohibitively expensive for the gaming owners and disruptive to their patrons. Gaming device owners prefer to conduct such changes or make the repairs on the gaming floor, limiting the gaming device down time while at the same time not disrupting the patrons of adjacent devices.

SUMMARY OF THE INVENTION

[0007] The present invention provides a gaming device having a modular cabinet construction and replaceable laminate panels which significantly enhances the manufacturing, modification and repair processes for gaming devices. In the preferred embodiment, the modular cabinet includes upper and lower cabinets or housings removably connected together and two replaceable laminate panels removably connected to the opposite sides of the modular cabinets. The present invention also contemplates a third laminate panel connected to the back of the gaming device if desired by the manufacturer.

[0008] The first or display housing or cabinet is adapted to receive a gaming device display and a removable monitor mask apparatus is connected thereto. A plurality of differently sized display housings and mask apparatuses are contemplated for use with a plurality of differently sized displays. It is also contemplated that the display housing could be sized to receive differently sized monitors. The second or component housing is adapted to receive all of the other gaming device electronic components and player interface and input devices. The component housing can be of any suitable size or shape.

[0009] The replaceable laminate panels include a substrate and a laminate on the outer or exterior side of the substrate. Preferably, the substrate is extruded from aluminum or an aluminum alloy, although other suitable materials or methods of manufacture are contemplated. The laminate layer, preferably displaying the decorations, colors, figures, characters and indicia representing the gaming theme and scheme of the gaming device is applied to the exterior side of the substrate. The laminate layer is preferably a colored, pressure sensitive laminate comprised of vinyl, vinyl and metal composite, polyvinyl chloride, or some other mixture, applied to the outer surface of the substrates. The laminate panels are relatively simple and inexpensive to fabricate, light in weight, thin, yet strong and resistant to abuse. Suitable fastening devices are used to removably attach the laminate panels to the cabinets.

[0010] It is therefore an object of the present invention to provide a gaming device having a modular construction and replaceable laminate panels that are configured to look as if they were installed in a conventional manner.

[0011] A further object of the present invention is to provide modular cabinets for use with a gaming device.

[0012] A further object of the present invention to provide a gaming device with replaceable laminate panels.

[0013] Other objects, features and advantages of the invention will be apparent from the following detailed disclosure, taken in conjunction with the accompanying sheets of drawings, wherein like numerals refer to like parts, elements, components, steps and processes.

BRIEF DESCRIPTION OF THE DRAWINGS

[0014] **FIG. 1** is a front perspective view of one embodiment of the gaming device of the present invention having a modular construction and laminate side panels;

[0015] **FIG. 2** is a side elevational view of the gaming device of **FIG. 1**, illustrating the laminate panel on one side of the gaming device;

[0016] **FIG. 3** is a perspective view of a gaming device of the present invention having a larger display cabinet and larger laminate side panels;

[0017] **FIG. 4** is a side elevational view of the gaming device of **FIG. 3** illustrating the larger laminate panels;

[0018] **FIG. 5** is a perspective view of the display and component cabinets of one embodiment of the present invention;

[0019] **FIG. 6** is a perspective view of a laminate panel of one embodiment of the present invention;

[0020] **FIG. 7** is a cross-sectional view of the laminate panel of **FIG. 6**;

[0021] **FIG. 8** is an exploded front view of the display cabinet, component cabinet and laminate panels of one embodiment of the present invention;

[0022] **FIG. 9** is an exploded front perspective view of a display cabinet, a substrate, an inner mask and an outer mask which are attached to the display cabinet of one embodiment of the present invention;

[0023] **FIG. 10** is an exploded rear perspective view of the inner and outer masks of **FIG. 9**;

[0024] **FIG. 11** is an enlarged sectional view of one embodiment of a locking bar of a locking mechanism for connecting the substrate and masks to the display cabinet;

[0025] **FIG. 12** is a cross-sectional view of the locking mechanism in a locked or engaged position taken substantially along line XII-XII of **FIG. 11**; and

[0026] **FIG. 13** is a cross-sectional view of the locking mechanism of **FIG. 11** in an unlocked or disengaged position.

DETAILED DESCRIPTION OF THE INVENTION

[0027] The present invention is adapted to facilitate the manufacture, modification and repair of gaming devices of different sizes. Referring now to the drawings, and particularly to **FIGS. 1, 2, 5, 6** and **7**, one embodiment of the gaming device **10a** of the present invention includes a display or first cabinet or housing **12** which is adapted to receive a display **14** (shown in **FIG. 1** with a display and in **FIG. 5** without a display) and a component or second cabinet or housing **16** adapted to receive all of the other components of the gaming device. Such components include the gaming device electronic components or controls (such as the CPU, RAM, ROM, power supply and sound card), player interfaces **2** (such as a coin slot, a bill acceptor, a reader or validator for credit cards or debit cards, a player card reader), player input devices **4** (such as a keypad, a play button, a bet display, a bet one button a cashout button), a coin hopper or payout tray **6**, a ticket printer (thermal or

impact), smart card read/write dispenser, vacuum fluorescent display and speakers. All of the components of the gaming device **10a** except the display **14** are mounted in or connected to the component cabinet **16** to facilitate independent manufacture of the component cabinet **16** (without dependence on the game theme or scheme). This enhances the overall manufacturing process for gaming devices.

[0028] The display is preferably adapted to display the primary or base game as well as any secondary or bonus games to the player. The display may be any monitor (with or without a touch screen), cathode ray **20** tube ("CRTs"), high resolution flat panel LCDs, projection type LCDs, plasma displays, field emission displays, digital micromirror displays, LCD touchscreens, flat TV displays or other suitable display device. The display is adapted to display images, symbols, video, and graphics associated with the game to the player as well as system menus and diagnostics to technicians and machine operators or attendants.

[0029] Side panels **52** and **54** are respectively adapted to be attached to each side of the display and component cabinets. Although not shown, a back panel may also be attached to the back of the display and component cabinets. As described below, each side panel is decorated in accordance with the theme of the gaming device. The side panels are preferably laminated and are manufactured and attached to the cabinets after the gaming device theme or scheme is finalized. This construction for a gaming device, wherein all of the components of the device are in the component cabinet **16**, the monitor **14** is in the display cabinet **12** and the laminate panels **52** and **54** are attached to both sides of the cabinet facilitate ease of manufacture of the gaming device and also facilitates modification and replacement and repair of the gaming device **10**. The present invention therefore increases efficiency and the rate of production of gaming devices and facilitates manufacturing line balancing.

[0030] For instance, if it is desired to have a larger sized monitor in the gaming device, the monitor could be replaced and positioned in the display cabinet if there is sufficient room in the display cabinet for the monitor. Different support mechanisms may be used for different sized monitors in the display cabinet. On the other hand, if a larger sized monitor, such as a 27 inch monitor, is desired to be placed with the gaming device, a larger display cabinet may be used. The display cabinet will be suitably attached to the component cabinet and the suitably sized laminate panels will be attached to both sides of the system and display cabinets. As further illustrated in **FIGS. 3** and **4**, a larger sized monitor **14B** may thus be used with the same component cabinet. Thus, even in a gaming area, such as a casino, the construction of the gaming device may easily be changed by removing the laminate panels, removing the display from the display cabinet, changing the display cabinet, inserting a new display into the display cabinet, and replacing the laminate panels with larger laminate panels adapted to engage the larger display cabinet. The only electrical connections are between the system component and the new monitor and any subsidiary equipment and connections going through the display area to the optional top box display or external signage. All of the other components remain unchanged in the component cabinet. As illustrated in **FIGS. 1, 2, 3** and **4**, the indicia **15a** on the panel **52** (**FIGS. 1** and **2**) is different than the indicia **15b** on panel **52** (**FIGS. 3** and **4**).

[0031] As discussed below, it should also be appreciated that the laminate panels could be formed in two or more sections, as illustrated in **FIGS. 3 and 4**, whereby the lower laminate panel remains connected to the component cabinet and a new laminate panel is attached to the new display cabinet. It should therefore be appreciated that a more systematic construction of gaming devices can be accomplished using the present invention, whereby the component cabinets and the display cabinets are constructed individually and assembled as needed, based on the requirements of each gaming device. Additionally, the laminate panels can be decorated or formed with any suitable indicia to correspond to the theme of the gaming device. Therefore, the manufacturing, modification and repair of gaming devices is substantially improved utilizing the present invention.

[0032] In the illustrated embodiment, the display housing **12** includes spaced-apart top and bottom walls **30** and **32**, respectively, connected to spaced-apart side walls **34** and **36**, respectively, all of which in turn are connected to back wall **38**. The top, bottom, side and back walls **30**, **32**, **34**, **36** and **38** define chamber **39**. Further, in the illustrated embodiment, the component housing **16**, includes spaced apart top and bottom walls **40** and **42**, respectively, connected to spaced apart side walls **44** and **46**, respectively, all of which are, in turn, connected to back wall **48**. The top, bottom, side and back walls **40**, **42**, **44**, **46** and **48**, define chamber **49** in the component cabinet or housing **16**. Each of the cabinets or housings **12** and **16** is preferably made of rolled steel, although other suitable materials may be used to form the cabinets.

[0033] It should be appreciated that the first and second housings **12** and **16** are removably connected together using any suitable fastening device, such as screws, bolts, pegs, hooks, or other suitable locking mechanisms. In one preferred embodiment, the housings **12** and **16** are removably connected together using a plurality of two piece mounting bolts (not shown) such as a sex bolt. The female portion of the bolt contains a hollow cylindrical shaft with threading on an interior surface adapted to receive the threading defined on the exterior of a solid cylindrical shaft of the male portion. In the illustrated embodiment, the first and second housings **12** and **16** define one or more apertures **50** adapted to receive the male and female bolts (not shown).

[0034] In the illustrated embodiment, the display housing **12** is adapted to receive a display **14** and has a generally square shape when viewed from the front or the side. It should be appreciated that housing **12** could have any suitable shape depending on the theme and scheme of the gaming device and the size and shape of the display. A plurality of different sized housings are contemplated for use with a plurality of different sized displays. For example, one embodiment of the display housing **12** for gaming device **10a** could be used with a 18 inch monitor (best viewed in **FIG. 1**), a second embodiment of the housing **12** for gaming device **10b** could be used with a 27 inch monitor **14b** (best viewed in **FIG. 3**). Gaming devices **10a** and **10b** and displays **14a** and **14b** are generally collectively referred to herein as gaming device **10** and display **14**, respectively.

[0035] An alternative embodiment of display housing **12** is contemplated for use with the gaming device **10** of the present invention. In this embodiment, only one display housing is connected to the component housing, wherein the

display housing **12** is suitably sized to accommodate the largest display used with the gaming device **10** (in this discussion the 27 inch monitor although larger monitors are contemplated). In this embodiment, the first housing could include any suitable adjustable support or shelving unit (not shown) adapted to be used with different sized monitors. Here, the adjustable support or shelving, in conjunction with the mask discussed in detail below, would be adjusted to accommodate the different sized monitor.

[0036] It is anticipated that the housings **12** and **16** define a plurality of openings therein, such as a vent aperture and at least one lock aperture. It should also be appreciated that the component housing **16** preferably includes a door pivotally connected thereto (not shown) to enable the operator to access the gaming device components.

[0037] Turning now to **FIGS. 6, 7 and 8**, the gaming device includes two laminate panels **52** and **54** which are removably connected to opposite sides of the display cabinet and the component cabinet, using any suitable fastening mechanism, as discussed below. As mentioned above, the gaming device could also include a laminate panel (not shown) connected to the back of the gaming device. Each laminate panel includes a substrate **60** and a decorative layer such as a laminate material **62** on the outer surface of the substrate **60**. Preferably, the substrate **60** is formed from extruded aluminum or aluminum alloy, although other materials or methods are contemplated. In the illustrated embodiment, the front edge of the laminate has a slightly rounded appearance moving from the bottom edge to the top edge. It should be appreciated that other shapes and sizes are contemplated. It should also be appreciated that the laminate panels will look similar to traditional installation (laminate on wood or direct installation on cabinet substrate) and not have the appearance of a bolt on panel to the patron.

[0038] More specifically, each substrate **60** is formed with two opposing surfaces, a first (inner) and second (outer) surface **60a** and **60b**, respectively. The first surface **60a** is generally flat and removably connects to the outside surface of the cabinets **12** and **16** of the gaming device **10** and specifically to the outside surfaces of the side walls **34**, **44**, **36** and **46**, respectively. The second surface **60b** is preferably flat or planar and is adapted to receive a decorative layer which is preferably a laminate or laminate material **62** thereon.

[0039] The decorative layer or laminate material **62** includes the colors, figures, characters and indicia representing the gaming theme and scheme. In the preferred embodiment, the laminate layer **62** is a colored, pressure sensitive laminate comprised of vinyl, vinyl and metal composite, polyvinyl chloride, or some other mixture. While it is preferred that the laminate is a pressure sensitive material, it is contemplated that a separate adhesive (not shown) may be applied to the second or outer surface **60b** and the laminate layer **62** applied or connected thereto. It is further contemplated that the laminate may be applied to the substrate **60** in a powdered form. To change the look of the gaming device, the laminate panels may be easily removed and replaced.

[0040] In one embodiment, cabinets **12** and **16** define a plurality of openings **70** adapted to receive bolts secured to the substrate. More specifically, in one embodiment, the head of a bolt portion is welded to the aluminum substrate

60 such that the cylindrical shaft **80** of the bolt extends transversely from the substrate towards the cabinets. Preferably, a plurality of bolts **80** are used to removably attach each laminate panel to the cabinets **12** and **16**. It should be appreciated that the laminate panels could be adapted to be attached to the cabinets in other suitable manners in accordance with the present invention. For instance, the laminate panels may be snapped into place or may include trim members which hold the laminate panels in place.

[0041] In an alternative embodiment of the present invention, the laminate panels are each formed in two or more pieces. Preferably, a suitable trim piece (not shown) is used to form a smooth transition between the panels. The different portions of the laminate panel may be adapted to accommodate different laminate layers portraying the same or different colors, figures, characters or indicia.

[0042] The use of the laminate panels enables the present to provide a modular gaming device that does not look modular. Turning now to **FIGS. 9 and 10**, the present invention also preferably provides a monitor cover **90** including at least mask apparatus **150** attached to the display cabinet such that the modular gaming device **10** does not look modular. The mask apparatus **150** preferably includes inner and outer masks or mask members **154** and **152**, respectively, which are adapted to removably engage a bracket or substrate **156** which is connected to the display cabinet **12** by a locking mechanism **158** adapted to removably engage the substrate **156** as described below.

[0043] This configuration provides for the complete removal of the monitor cover **90** (including the substrate **156** and masks **152** and **154**) from the display cabinet **12**, facilitating the ease of manufacture, modification and repair of the gaming device **10**. This configuration also enables old masks to be replaced with a new mask representing new games or effects on the gaming device **10**.

[0044] The first or outer mask **152** includes a top or first member **160** and **20** a spaced-apart bottom or second member **162**. In addition, the outer mask **152** includes spaced-apart side or third members **164** with are joined to and integral with the spaced apart top and bottom members **160** and **162**. The outer mask **152** is preferably a single integral unit of a molded translucent plastic material. It should be appreciated that the outer mask **152** can be extruded, cut or manufactured in any conventional manner using plastic or any other suitable material such as acrylic, paperboard, glass, etc. The outer mask **152** is preferably formed as a single piece of clear or translucent material although colored or dyed material is also contemplated. While a single molded piece is preferred, it should be appreciated that the outer mask **152** could be formed from two or more pieces that are combined or otherwise joined to form an integral unit.

[0045] The outer mask **152** includes a curved upper edge **166** integral with and extending along the top or first member as illustrated in **FIG. 8**. A lip **168** connects to and extends transversely from the upper edge **166**. Lip **168** is adapted to removably engage or connect to the display cabinet **12** (or a substrate **156** removably connected to the display cabinet **12**).

[0046] Top and bottom members **160** and **162** of outer mask **152** include a locking mechanism for removably

engaging or connecting to the inner mask **154**. In one preferred embodiment, the locking mechanism includes a plurality of alternately spaced tabs **170** and notches **172**. In the illustrated embodiment, a lip **174** extends transversely from outer mask **152**, specifically from an inner surface **176** thereof, where tabs **170** and notches **172** are defined in an upper and lower portion thereof.

[0047] The inner mask **154** comprises spaced-apart top, bottom and side members **178**, **180** and **182**, respectively, similar to the outer mask **152** discussed previously. Like the outer mask **152**, the inner mask **154** is preferably a single integral unit of a molded translucent plastic material although other manufacturing methods and materials are contemplated. Inner mask **154** is preferably formed as a single piece of clear or translucent material although colored or dyed material, or two or more pieces are also contemplated.

[0048] The inner mask **154** also includes a locking mechanism for removably connecting to the outer mask **152**. In one preferred embodiment, inner mask **154** includes tabs **184** and notches **186** that are spaced in accordance with and co-act with the tabs **170** and notches **172** of the outer mask **152**. Preferably, the tabs **184** and notches **186** of the inner mask **154** engage and connect to the corresponding notches **172** and tabs **170** of the outer mask **152** in a removable manner. In the illustrated embodiment, the tabs **184** extend laterally from the outer edges of the top and bottom members. It should be appreciated that the co-acting of the various tabs and notches properly align or position the two masks **152** and **154** with respect to each other, the display **14** and housing **12**.

[0049] In the preferred embodiment, inner mask **154** includes two wings or members **188** extending from the spaced apart side members **182**. A plurality of extending spacers **190** are joined to and integral with the wings or members **188**. The spacers **190** contact or engage the inner surface **192** of the outer mask **152** ensuring that the inner and outer masks **154** and **152** are properly spaced apart. In one embodiment, this spacing is used to accommodate one or more illumination devices or sources (not shown).

[0050] The inner mask **154** also includes a plurality of lugs **194** integral to and spaced about an inner surface thereof, preferably along the inner surface **196** of the side members **182**. The lugs **194** are adapted to secure the inner mask **154** to the substrate **156** as discussed below.

[0051] The masks **152** and **154** are preferably different colors and may be back lit by one or more suitable illumination devices or sources (not shown) to provide a lighting effect around the display **14**. The masks can be independently illuminated, simultaneously illuminated and illuminated many desired combination or sequence. It should also be appreciated that the present invention contemplates the use of more than two monitor masks suitably connected to the substrate **156**.

[0052] Gaming device **10** preferably includes a substrate or frame **156** that securely engages or connects to the housing **12** of the cabinet **60**. Like **20** the inner and outer masks **154** and **152** discussed previously, the frame or substrate **156** comprises spaced apart top, bottom and side members **198**, **200** and **202** respectively as illustrated in **FIG. 7**. Frame or substrate **156** is preferably formed from

cold-rolled steel. It should be appreciated that the substrate **156** can be extruded, cut or otherwise manufactured in any conventional manner using other suitable metal materials, plastic or any other suitable material. The frame or substrate **156** preferably has a suitable decorative coating such as plating.

[0053] In one preferred embodiment, the present invention further includes one or more locking mechanisms for removably securing the inner and outer masks **154** and **152** to the display cabinet **12**. The inner mask **154** includes a plurality of lugs **194** projecting from the inner surface **196** as described previously. The frame or substrate **156** defines a plurality of indentations or hollows **204** in the spaced apart side members **202** that are spaced in accordance with and co-act with the lugs **194** of the inner mask **154**. While the lugs **194** and indentations **204** are preferred, other means for removably connecting the inner mask **154** and frame or substrate **156** are contemplated, including screws, hooks, double-sided tape, etc.

[0054] A locking mechanism **158** is used to removably secure the frame or substrate **156** to the display cabinet **12** as illustrated in FIGS. 9 through 13. While preferably the locking mechanism **158** is connected to display cabinet **12**, it should be appreciated that the locking mechanism could be connected to display cabinet **12** in an alternative manner. In one preferred embodiment, frame or substrate **156** includes at least one but generally two or more hooks **206** extending from inner edge **208** of the side members **202**. In the illustrated embodiment, four hooks **206** extend generally transversely from the inner edge **208** of the side members **202**. It should be appreciated that the hooks **206** are formed as part of and integral with the frame or substrate **156** during the molding process. However it is also contemplated that the hooks **206** are formed as a separate integral unit of the same or different material as the frame or substrate **156** and connected thereto.

[0055] In the preferred embodiment, the locking mechanism **158** includes at least one elongated portion and locking member joined to the housing **12** as illustrated. The locking mechanism **158** is adapted to removably connect the frame or substrate **156** to the display cabinet **12**. In one preferred embodiment, the locking mechanism includes two elongated portions or slidable locking bars **210** located on either side of the display aperture or chamber **39** of the cabinet **12**, placed parallel to the sides of the gaming device (best viewed in FIG. 7). Each slideable locking bar **210** defines at least one, but preferably two, engaging slots **212** spaced in accordance with and co-acting with the hooks **206**. Additionally, each slidable locking bar **210** defines at least one but preferably two slots **214** that slideably secure the locking bar **210** to pegs or screws **216** extending from the cabinet **60**, preferably from housing **62**.

[0056] Each locking bar **210** includes a biasing device that biases the locking bars **210** in a locked position to prevent unwanted removal of the substrate **156**. In the illustrated embodiment, the locking bar **210** includes a spring **218** having a first end **220** connected to a peg **222** on the locking bar **210**. A second end **224** of the spring **218** is connected to a peg **226** on the display cabinet **12** and adapted to bias the locking bar **210** towards the closed position. While a spring **218** and pegs **222** and **226** are preferred, it should be appreciated that any biasing device (i.e., a spring bar) is contemplated.

[0057] The locking mechanism **158** further includes a locking member that locks the locking bar **210** in the closed or locked position. In the illustrated embodiment, the locking mechanism includes a plunger **228** extending generally transversely from each of the locking bars **210**. The cabinet **12** defines at least one, but preferably two seats or sockets (referred to as first and second seats **230** and **232**, respectively) that co-act with an engaging end **234** of the plungers **228**. Preferably, each plunger **228** includes a spring (not shown) that biases the plunger **228** inwardly towards the seats **230** and **232** in a manner well known in the art.

[0058] In the closed position, the hooks **206** of frame or substrate **156** sit in the engaging slots **212** and are engaged by the locking bar **210**, so that at least a portion of the hooks **206** (i.e., at least the tip **236** and slot **238**) engages, catches or hooks the locking bar **210**. Moving the plunger **228** outwardly from the first seat **230** enables the locking bar **210** to slideably move towards the unlocked position, so that the sliding bar **210** no longer engages the hooks **206**. The hooks **206** now sit freely in the engaging slots **212** and can be easily removed by pulling outwards on the frame or substrate **156**.

[0059] It should be appreciated that assembling the gaming device **10** using modular cabinet is a relatively straight forward and efficient process. The first and second housings **12** and **16** are connected together using a removable connecting device. The electric components are assembled and positioned in housing **16**, while the display **14** is positioned in housing **12**. The locking mechanism **158** is connected to the cabinet, preferably to housing **12**, prior to placing the display **14** therein and connecting it to the appropriate electrical component.

[0060] Generally, to construct a gaming device in accordance with the present invention, the decorative or laminate layer **62** is prepared and applied or connected to the substrate **60** of the laminate panels **52** and **54**. The laminate panels **52** and **54** are connected to the housings **12** and using a removable connecting mechanism. Masks **152** and **154**, and frame **156** are assembled and removably connected to the display cabinet **12**, and preferably to locking mechanism **158** in display cabinet **12**. A door is pivotally connected to the component cabinet **16**.

[0061] It should be further appreciated that changing the gaming theme and scheme is likewise a relatively straightforward and efficient process. For example, a technician opens the door reaches under the frame **156** and pulls up on the plungers **228**. Pulling up on the plungers **228** (i.e., away from the locking bar **210**), disengages the plunger engaging ends **234** from the first socket **230**. As the locking bar **210** is moved to the open position in the illustrated embodiment, the locking bar **210** slideably moves along the pegs or screws **216** until the plunger engaging end **234** engages the second seat **232**. The locking bar **210** no longer engages the hooks **206**, which may now be removed from engaging slot **212**. The masks and frame may be removed from the cabinet **12**, and display **14** may now be removed from chamber **39**.

[0062] The technician unlocks and opens the door pivotally connected to cabinet **16**. The technician may now unfasten nuts **81** from the bolts **80** connecting the panels **52** and **54** to the cabinets **12** and **16**, to remove the panels **52** and **54**. The technician may access the components to update the gaming scheme (i.e., replace a chip, insert new code, etc.). If necessary, a new, differently sized display housing

may be placed on housing **16** and removably connected thereto using bolts. The newly sized display is placed in chamber **39** of the new display housing and connected to the electrical components contained in component housing **16**. It should be appreciated that if the same sized monitor is to be used, the display housing **12** need not be replaced. New laminate panels are positioned so that the shafts **80** are received in the apertures **70** of the cabinets. The new laminate panels are then securely connected to cabinets **12** and **16**.

[0063] If necessary, new masks **152** and **154** and a frame **156** is replaced so that the hooks **206** engage the engaging slots **212**. The plungers **228** are again pulled up so that the plunger engaging ends **234** disengage the second seat **232**. The sliding bar **210** is moved back manually (or biased by the spring) to the locked position so that the locking bar **210** engages the hooks **206** and the plunger engaging ends **234** engage the first seats **230**. The door is the closed.

[0064] While the present invention has been described in connection with what is presently considered to be the most practical and preferred embodiments, it is to be understood that the invention is not limited to the disclosed embodiments, but on the contrary is intended to cover various modifications and equivalent arrangements included within the spirit and scope of the claims. It is thus to be understood that modifications and variations in the present invention may be made without departing from the novel aspects of this invention as defined in the claims, and that this application is to be limited only by the scope of the claims.

The invention is claimed as follows:

1. A gaming device controlled by a processor, said gaming device comprising:

- a cabinet including a first side wall and an opposing second side wall;
- a game controlled by the processor and operable upon a wager by a player;
- a display device operable to display the game, said display device supported by the cabinet;
- an input device operable to enable the player to make the wager on the game;
- a first side panel connected to said first side wall of said cabinet;
- a second side panel connected to said second side wall of said cabinet, wherein at least one of said first side panel and said second side panel includes a substrate and a decorative layer connected to the substrate;
- at least one first securing member which secures the first side panel to said first side wall from inside of said cabinet;
- at least one second securing member which secures said second side panel to said second side wall from inside of said cabinet, wherein each of the first securing members and the second securing members can only be unsecured from said side first and second panels and said first and second side walls from inside of said cabinet; and

a lockable door movably connected to said cabinet, said lockable door movable to access the inside of said cabinet.

2. The gaming device of claim 1, which includes a plurality of first securing members which secure the first side panel to said first side wall from inside of said cabinet.

3. The gaming device of claim 2, which includes a plurality of second securing members which secure the second side panel to said second side wall from inside of said cabinet.

4. The gaming device of claim 1, which includes a plurality of second securing members which secure the second side panel to said second side wall from inside of said cabinet.

5. The gaming device of claim 1, wherein each of said first and second side panels each include a substrate and a decorative layer connected to the substrate.

6. The gaming device of claim 1, wherein the substrate is a relatively thin strong material.

7. The gaming device of claim 6, wherein the substrate is metal.

8. The gaming device of claim 6, wherein the substrate is aluminum.

9. The gaming device of claim 1, wherein the decorative layer includes laminate applied to an outside surface of the substrate.

10. The gaming device of claim 9, wherein the laminate is applied in a spray form.

11. The gaming device of claim 9, wherein the laminate is in a sheet form.

12. The gaming device of claim 9, wherein the laminate is applied as a continuous sheet.

13. The gaming device of claim 9, wherein the laminate is applied as a plurality of sheets.

14. A gaming device controlled by a processor, said gaming device comprising:

- a cabinet including a first side wall and an opposing second side wall;
- a game controlled by the processor and operable upon a wager by a player;
- a display device operable to display the game, said display device supported by the cabinet;
- an input device operable to enable the player to make the wager on the game;
- a first side panel connected to said first side wall of said cabinet;
- a second side panel connected to said second side wall of said cabinet, wherein at least one of said first side panel and said second side panel includes a substrate and a decorative layer connected to the substrate;
- at least one first securing member which secures the first side panel to said first side wall from inside of said cabinet;
- at least one second securing member which secures said second side panel to said second side wall from inside of said cabinet, wherein each of the first securing members and the second securing members cannot be unsecured from outside of the cabinet; and

a lockable door movably connected to said cabinet, said lockable door movable to access the inside of said cabinet.

15. The gaming device of claim 14, which includes a plurality of first securing members which secure the first side panel to said first side wall from inside of said cabinet.

16. The gaming device of claim 15, which includes a plurality of second securing members which secure the second side panel to said second side wall from inside of said cabinet.

17. The gaming device of claim 14, which includes a plurality of second securing members which secure the second side panel to said second side wall from inside of said cabinet.

18. The gaming device of claim 14, wherein each of said first and second side panels each include a substrate and a decorative layer connected to the substrate.

19. The gaming device of claim 14, wherein the substrate is a relatively thin strong material.

20. The gaming device of claim 19, wherein the substrate is metal.

21. The gaming device of claim 19, wherein the substrate is aluminum.

22. The gaming device of claim 14, wherein the decorative layer includes laminate applied to an outside surface of the substrate.

23. The gaming device of claim 22, wherein the laminate is applied in a spray form.

24. The gaming device of claim 22, wherein the laminate is in a sheet form.

25. The gaming device of claim 22, wherein the laminate is applied as a continuous sheet.

26. The gaming device of claim 22, wherein the laminate is applied as a plurality of sheets.

27. A gaming device controlled by a processor, said gaming device comprising:

a component cabinet including a first side wall and an opposing second side wall;

a display cabinet connected to said component cabinet, said display cabinet including a third side wall and an opposing fourth side wall;

a game controlled by the processor and operable upon a wager by a player;

a display device operable to display the game, said display device supported by the display cabinet;

an input device operable to enable the player to make the wager on the game;

a first side panel connected to said first side wall and said third side wall;

a second side panel connected to said second side wall and said fourth side wall, wherein at least one of the first and second side panels include a substrate and a decorative layer connected to the substrate;

a plurality of first securing members which secure the first side panel to said first side wall and said third side wall from inside of said component cabinet and said display cabinet;

a plurality of second securing members which secure said second side panel to said second side wall and said fourth side wall from inside of said component cabinet

and said display cabinet, wherein the first securing members and the second securing members can only be unsecured from said side panels and said side walls from inside of said component cabinet and said display cabinet; and

a lockable door movably connected to one of said component cabinet and said display cabinet, said lockable door movable to allow access to the inside of said component cabinet and said display cabinet.

28. The gaming device of claim 27, wherein each of said first and second side panels include a substrate and a decorative layer connected to the substrate.

29. The gaming device of claim 27, wherein the substrate is a relatively thin strong material.

30. The gaming device of claim 29, wherein the substrate is metal.

31. The gaming device of claim 29, wherein the substrate is aluminum.

32. The gaming device of claim 27, wherein the decorative layer includes laminate applied to an outside surface of the substrate.

33. The gaming device of claim 32, wherein the laminate is applied in a spray form.

33. The gaming device of claim 32, wherein the laminate is in a sheet form.

34. The gaming device of claim 32, wherein the laminate is applied as a continuous sheet.

35. The gaming device of claim 25, wherein the laminate is applied as a plurality of sheets.

36. A gaming device controlled by a processor, said gaming device comprising:

a component cabinet including a first side wall and an opposing second side wall;

a display cabinet selected from a plurality of differently sized display cabinets, said selected display cabinet including a third side wall and an opposing fourth side wall, each of said display cabinets adapted to be connected to said component cabinet and sized to receive at least one of a plurality of differently sized display devices, wherein each display device is operable with the processor and at least one player input device to enable a player to play at least one game upon a wager by the player;

at least one first side panel connected to said first side wall of said component cabinet and the third side wall of said selected display cabinet;

at least one second side panel connected to said second side wall of said component cabinet and said fourth side wall of said selected display cabinet, wherein one of said first and second side panels include a substrate and a decorative layer connected to the substrate;

a plurality of first securing members which secure the first side panel to said first side wall and said third side wall from inside of said component cabinet and said selected display cabinet;

a plurality of second securing members which secure said second side panel to said second side wall and said fourth side wall from inside of said component cabinet and said selected display cabinet, wherein the first

securing members and the second securing members can only be unsecured from said side panels and said side walls from inside of said component cabinet and said selected display cabinet; and

a lockable door movably connected to one of said component cabinet and said display cabinet, said lockable

door movable to access the inside of said component cabinet and said selected display cabinet.

37. The gaming device of claim 36, wherein said first and second side panels each include a substrate and a decorative layer connected to the substrate.

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