

Nicolas Vargas

Search history

Search PA=(nintendo) (Results 2653)

1:

Search SFT=(game controller) and PA=(nintendo) (Results 259)

2:

Search STA=(game controller) and PA=(nintendo) (Results 48)

3:

Search [SP]: 1. a game system comprising: a computer device comprising housing, a display on a front of the housing, and processing circuitry configured to generate images for a game and first and second controllers, each of the first and second controllers including a first side configured for detachable attachment to a respective one of first and second different sides of the housing of the computer device, the first side of each of the first and second controllers facing the first and second sides, respectively, of the housing of the computer device when the first and second controllers are attached to the computer device and the first side of each of the first and second controllers comprising a control button disposed thereon configured to receive game control inputs, wherein the computer device is configured to receive signals from the first and second controllers both when the first and second controllers are attached to the computer device and when the first and second controllers are detached from the computer device. 2. the information processing system according to claim 1, wherein the first and second different sides of the housing of the computer device are opposed first and second sides. 3. the information processing system according to claim 1, wherein the computer device is configured to receive signals from the first and second controllers via wired connections when the first and second controllers are attached to the computer device and to receive signals from the first and second controllers via wireless connections when the first and second controllers are detached from the computer device. 4. the information processing system according to claim 3, wherein the wireless connection comprises a bluetooth connection. 5. the information processing system according to claim 1, wherein the first and second controllers have different shapes. 6. the information processing system according to claim 1, wherein the first and second controllers each include the same two or more types of input devices disposed in different arrangements on respective fronts of housings thereof. 7. the information processing system according to claim 6, wherein the two or more types of input devices comprise buttons. 8. the information processing system according to claim 6, wherein the two or more types of input devices comprise an analog stick. 9. the information processing system according to claim 1, wherein the first sides of the first and second controllers are each configured for slidable detachable attachment to the first and second sides of the housing of the computer device. 10. the information processing system according to claim 1, wherein the computer device further comprises a first channel formed in and extending in a lengthwise direction along the first side of the housing and a second channel formed in and extending in a lengthwise direction along the second side of the housing. 11. the information processing system according to claim 10, wherein each of the respective first and second controllers includes a rail along the first side thereof configured for slidable engagement with one of the channels formed in the housing of the computer device, the rail having a t-shaped cross-section including a stem extending perpendicular to the first side and a crossbar extending perpendicular to the stem. 12. an information processing system, comprising: a computer device comprising a housing, a display on a front of the housing, and processing circuitry configured to generate images and first and second controllers each configured for detachable attachment to a respective one of first and second different sides of the housing of the computer device, wherein the computer device is configured to receive signals from the first and second controllers both when the first and second controllers are attached to the computer device and when the first and second controllers are detached from the computer device, wherein the computer device further comprises a first channel formed in and extending in a lengthwise direction along the first side of the housing and a second channel formed in and extending in a lengthwise direction along the second side of the housing, wherein each of the respective first and second controllers includes a rail along the first side thereof configured for slidable engagement with one of the channels formed in the housing of the computer device, the rail having a t-shaped cross-section including a stem extending perpendicular to the first side and a crossbar extending perpendicular to the stem, and wherein the computer device further comprises one or more game control buttons on the rail. 13. the information processing system according to claim 12, wherein the one or more game control buttons are on a surface of the crossbar. 14. the information processing system according to claim 12, further comprising: an electrical connector on the rail. 15. the information processing system according to claim 14, wherein the electrical connector and the one or more game control buttons are on a same surface of the crossbar. 16. the information processing system according to claim 12, further comprising one or more lights on the rail. 17. the information processing system according to claim 16, wherein the one or more lights are on a surface of the crossbar. 18. the information processing system according to claim 17, wherein the one or more game control buttons include a first button and a second button, and the one or more lights are between the first button and the second button. 19. a game system comprising: a computer device comprising a housing, a display on a front of the housing, and processing circuitry configured to generate images for a game for the display and first and second controllers, each of the first and second controllers including a first side configured for detachable attachment to a respective one of first and second different sides of the housing of the computer device, the first side of each of the first and second controllers comprising a control button disposed thereon configured to receive game control inputs, wherein when the first and second controllers are attached to the respective one of the first and second sides of the housing of the computer device the control button of the first and second controllers are inaccessible, and wherein the processing circuitry is configured to generate the images using signals from first and second controllers when the first and second controllers are attached to the computer device and to generate the images using signals from the first and second controllers when the first and second controllers are detached from the computer device. 20. the information processing system according to claim 19, wherein the first and second sides of the housing of the computer device comprise first and second opposed sides. 21. the information processing system according to claim 19, wherein the first and second controllers have different shapes. 22. the information processing system according to claim 19, wherein the first and second controllers each include the same two or more types of input devices disposed in different arrangements on respective fronts of housings thereof. 23. the information processing system according to claim 22, wherein the two or more types of input devices comprise buttons. 24. the information processing system according to claim 22, wherein the two or more types of input devices comprise an analog stick. 25. the information processing system according to claim 19, wherein the first and second controllers are each configured for slidable detachable attachment to the first and second sides of the housing of the computer device. 26. the information processing system according to claim 19, wherein signals between the computer device and the first and second controllers are communicated via wired connections when the first and second controllers are attached to the computer device and signals between the computer device and the first and second controllers are communicated via wireless connections when the first and second controllers are detached from the computer device. 27. a method of operating a game system comprising a computer device including a built-in display for displaying images for a game and first and second controllers, the method comprising: operating the information processing system in a first mode by respectively attaching first sides of the first and second controllers to first and second different sides of a housing of the computer device, the first side of each of the first and second controllers facing the first and second sides, respectively, of the housing of the computer device when the first and second controllers are attached to the computer device, wherein, in the first mode, signals are communicated between the first and second controllers and the computer device via wired connections and operating the information processing system in a second mode by detaching the first and second controllers from the first and second sides of the housing of the computer device, wherein, in the second mode, signals are communicated between the first and second controllers and the computer device via wireless connections, wherein the signals communicated between the first and second contr (Results 142)

Search 4 and magnets (Results 14)

5:

Search 5 and pd<20161226 (Results 14)

6:

SAME

Abstract: A detachable remote controller for an electronic entertainment device and a method for using the same are provided. The detachable remote controller includes a first infrared transmitter and a second infrared transmitter. The first infrared transmitter transmits signals to the electronic device while the detachable remote controller is coupled with the entertainment device. The remote controller is shaped in such a way to be docked within a cavity and flush with one surface of the entertainment device. The first infrared transmitter is aligned in the cavity such that the first infrared transmitter transmits signals to a light pipe embedded within the entertainment device. The second infrared transmitter is located at one end of the detachable remote controller to transmit signals to the entertainment device while the detachable remote controller is not coupled with the entertainment device.

Classifications:

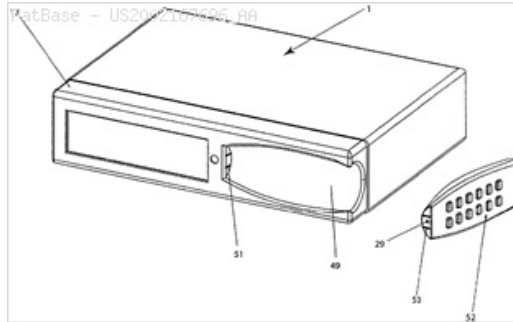
International (IPC 8-9): G08C17/00 G08C23/04 (Advanced/Invention); G08C23/00 (Core/Invention)

International (IPC 1-7): B60R11/02 G08C19/12 G08C23/04 G09G1/00 H01H9/02 H04B1/20 H04B10/00 H04L17/02

CPC: G08C23/04 G08C2201/63

European: G08C23/04 S08C201/630

US: 340/12.22 340/12.220P 340/12.52 340/825.25 340/825.69 340/825.72 341/176 341/176S 345/158 345/158S 345/169 345/169S 348/734 348/734S 359/142 359/146 398/106 398/106P 398/106S 398/115 398/115S



Family:

Publication number	Publication date	Application number	Application date
AU2002227286 AA	20020521	AU20020227286	20011112
AU200227286 A1	20020521	AU20020027286	20011112
AU200227286 A5	20020521	AU20020027286	20011112
US2002167696 AA	20021114	US20010053015	20011109
US2005179559 AA	20050818	US20050100275	20050406
US6946988 BB	20050920	US20010053015	20011109
US7253765 BB	20070807	US20050100275	20050406
WO0239406 A2	20020516	WO2001US47070	20011112
WO0239406 A3	20031231	WO2001US47070	20011112

Priority:

US20000247259P 20001110 US20010053015 20011109 WO2001US47070 20011112
US20050100275 20050406

Probable Assignee: UNIVERSAL ELECTRONICS INC

Assignee(s): (std): SIMPLE DEVICES ; SIMPLE DEVICES INC ; SUMMITT SCOTT ; UNIVERSAL ELECTRONICS INC

Assignee(s): US BANK NATIONAL ASSOCIATION ADMINISTRATIVE AGENT ; US BANK NATIONAL ASSOCIATION ADMINISTRATIVE AGENT AS ; EDWARDS BRUCE ; JANIK CRAIG M

Inventor(s): (std): EDWARDS BRUCE ; JANIK CRAIG M ; SUMMIT SCOTT ; SUMMITT SCOTT

Inventor(s): SCOTT SUMMITT ; JANIK CRAIG ; BRUCE EDWARDS ; CRAIG M JANIK

Agent(s): GREENBERG TRAUIG LLP; JAROSIK GARY R; GARY R

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

2) Family number: 52436068 (US2012302347A)

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Title: HYBRID SEPARABLE MOTION CONTROLLER

Abstract: A hybrid separable motion controller is provided. The controller includes a first portion including a first handle, a first medial connector defined along a length of the first handle, and a first geometric object defined at an end of the first handle. The controller further includes a second portion including a second handle, a second medial connector defined along a length of the second handle for coupling to the first medial connector, and a second geometric object defined at an end of the second handle. The first portion or the second portion includes a connection sensor for determining whether the controller is in a connected configuration or a disconnected configuration.

Classifications:

International (IPC 8-9): A63F13/20 A63F9/24 (Advanced/Invention)

CPC: A63F2300/10 A63F2300/1043 A63F2300/105 A63F2300/1087 A63F13/24 A63F13/06 A63F13/211 A63F13/214 A63F13/28

US: 463/36 463/37 463/39



Family:

Publication number	Publication date	Application number	Application date
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US2012302347 AA	20121129	US20110115770	20110525
US8882597 BB	20141111	US20110115770	20110525

Priority:

US20110115770 20110525

Probable Assignee: SONY INTERACTIVE ENTERTAINMENT AMERICA LLC

Assignee(s): (std): NICHOLSON CHARLES ; SONY COMP ENTERTAINMENT US

Assignee(s): SONY COMPUTER ENTERTAINMENT AMERICA LLC ; SONY COMPUTER ENTERTAINMENT INC ; SONY INTERACTIVE ENTERTAINMENT AMERICA LLC

Inventor(s): (std): NICHOLSON CHARLES

Agent(s): MARTINE PENILLA GROUP LLP

3) Family number: 51718074 (US2012202597A)

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Title: MULTI-PLAYER GAME CONTROLLER SYSTEM WITH COMBINABLE HAND-HELD GAME CONTROLLERS

Abstract: There is provided a multi-player game controller system first and second hand-held game controllers and engagement circuitry. The first hand-held game controller includes a first input control configured to generate a first input control signal in response to interaction with a first user. The second input controller includes a second input control configured to generate a second input control signal in response to interaction with a second user. The first and second hand-held game controllers have engagement states of an engaged state and an unengaged state. The engagement circuitry is configured to generate an engagement signal when the first and second hand-held game controllers are in an engagement state. There is also provided methods of operating the multi-player game controller system.

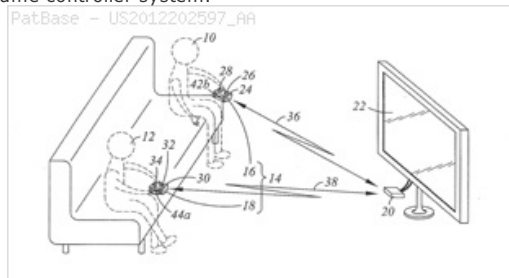
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CPC: A63F13/235 A63F13/843 A63F2300/1025 A63F2300/8088

European: A63F13/06 K63F300/10D K63F300/80Y

US: 463/37 463/37P 463/38 463/42 463/42S



Family:

Publication number	Publication date	Application number	Application date
US2012202597 AA	20120809	US20110020691	20110203
US8298084 BB	20121030	US20110020691	20110203

Priority:

US20110020691 20110203

Probable Assignee: UEHARA ANDY

Assignee(s): (std): UEHARA ANDY ; YEE EDMOND

Inventor(s): (std): UEHARA ANDY ; YEE EDMOND

Agent(s): STETINA BRUNDA GARRED AND BRUCKER

4) Family number: 53726076 (US2013120258A)

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Title: MULTI-TOUCH INPUT DEVICE

Abstract: An interface is provided for a device having a touch screen such as a smart phone or tablet computer that extends the touch screen input to areas outside the touch screen area. The interface has a housing which attaches to the device. One or more input controls are mounted on the housing. The controls can be joysticks, buttons, touch pads, levers, triggers, keyboards, etc. Conductive pads are connected to the housing and capacitively interact with the touch screen. The interface contains circuitry that transmits an electrical or capacitive signal from the user's manipulation of the controls to the conductive pads in order to activate selected areas of the touch screen. The housing may be made in multiple pieces to connect to different sides of the touch screen device.

Classifications:

International (IPC 8-9): G06F3/02 G06F3/033

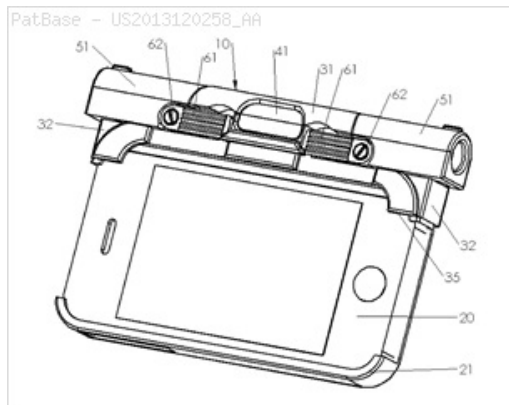
G06F3/044 (Advanced/Invention)

CPC: G06F3/044 G06F3/0213 G06F3/033 G06F2203/04809

G06F1/1632 G06F1/1671 A63F13/2145 A63F13/245 A63F13/837

A63F13/92 A63F13/98 G06F1/1626

US: 345/161 345/168 345/173 345/174



Family:

Publication number	Publication date	Application number	Application date
US2013120258 AA	20130516	US20120677357	20121115

US2014247246 AA	20140904	US20140274690	20140510
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Priority:

US20110560758P 20111116 US20120590846P 20120126 US20120677357 20121115
US20130823943P 20130516 US20130878155P 20130916 US20140926430P 20140113
US20140274690 20140510

Probable Assignee:

MAUS DARYL D

Assignee(s): (std):

MAUS DARYL D

Inventor(s): (std):

MAUS DARYL D

5) Family number: 43925092 (US2009265860A)

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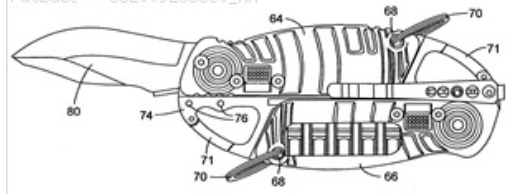
Title: APPARATUS HAVING ONE OR MORE REMOVABLE TOOLS

Abstract: A frame has an opening, a gate mechanism partially bounding the opening, and a longitudinally extending rail. A tool that has a slot is adapted to receive the rail to removably attach the tool to the frame. The gate mechanism includes a gate that is pivotably coupled to the frame to permits access to the opening in the frame.

Classifications:

International (IPC 8-9): A63F13/08 B25F1/00 B25F1/02 B25F1/04 B25F5/00 B26B11/00 B65D85/00 G06F1/16 H04R1/02 H04R1/10 H05K7/00 (Advanced/Invention); B25F1/00 B65D85/00 (Core/Invention)
CPC: B25F1/04 B25G1/085 B26B11/008
European: B25F1/04 B25G1/08S B26B11/00E
US: 206/216 206/216S 361/679.01 361/679.010S 361/679.02 361/679.020S 361/807 361/807S 381/333 381/333P 381/365 381/365S 381/380 381/380S 463/46 463/46S 7/118 7/158 7/161 7/167 7/167P 7/168 7/168S

PatBase - US2009265860_AA



Family:

Publication number	Publication date	Application number	Application date
CN101564838 A	20091028	CN200910137627	20090427
CN101564838 B	20130724	CN200910137627	20090427
US2009265860 AA	20091029	US20090429846	20090424
US2012063625 AA	20120315	US20110301226	20111121
US8087115 BB	20120103	US20090429846	20090424
US8316492 BB	20121127	US20110301226	20111121

Priority:

US20080125479P 20080425 US20090429846 20090424 US20110301226 20111121

Probable Assignee: ELEMENTAL TOOLS LLC

Assignee(s): (std): BARBER LAUNCE R ; BARBER LAUNCE REED ; ELEMENTAL TOOLS LLC ; LAUNCE REED BARBER ; STOKES THOMAS R ; STOKES THOMAS RICHARD

Inventor(s): (std): BARBER LAUNCE R ; BARBER LAUNCE REED ; STOKES THOMAS R ; STOKES THOMAS RICHARD ; THOMAS RICHARD STOCKES ; STOCKES THOMAS RICHARD ; LAUNCE REED BARBER

Agent(s): KLARQUIST SPARKMAN LLP; CHARTER IP LLC; MATTHEW J; CARTER IP LLC

6) Family number: 56958270 (US2014206451A)

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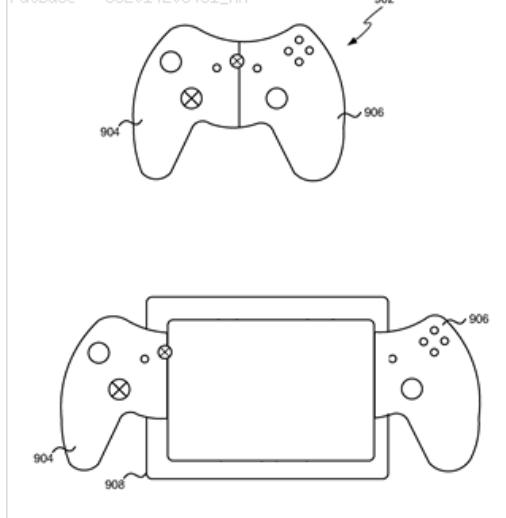
Title: RECONFIGURABLE CLIP-ON MODULES FOR MOBILE COMPUTING DEVICES

Abstract: A set of reconfigurable clip-on modules for mobile computing devices includes two or more modules and at least one of the modules has an input button or other control and at least one of the modules can communicate with the computing device without needing to be connected to it via a wire. The input button is mapped to a user input in a program, such as a game, which is running or displayed on the computing device to which the modules are clipped. In an embodiment, user inputs via the buttons or other controls on the clip-on modules are mapped to user inputs in a game running on the device, which may be a touch-screen device, and the mapping between user inputs via the buttons and user inputs in the game may change dependent upon the game being played, user preference, or other criteria.

Classifications:

International (IPC 8-9): A63F13/00 A63F13/06 A63F13/20 A63F13/211 A63F13/2145 A63F13/22 A63F13/23 A63F13/24 A63F13/92 A63F13/98 A63F9/24 G06F1/16 G06F17/00 G06F19/00 G06F3/02 G06F3/033 G06F3/0481 G06F3/0484 (Advanced/Invention)
CPC: G06F3/0227 A63F13/24 A63F13/2145 A63F13/06 A63F13/22 A63F13/92 A63F13/98 G06F3/0481 G06F3/04847 G06F1/1656 G06F3/0338 G06F1/1632 A63F13/23
US: 345/173 463/37 463/39 715/765

PatBase - US2014206451_AA



Family:

Publication number	Publication date	Application number	Application date
CN105283818 A	20160127	CN201480005350	20140114
EP2946261 A2	20151125	EP20140708124	20140114
TW201443704 A	20141116	TW20140101835	20140117
US2014206451 AA	20140724	US20130745658	20130118
US2015033167 AA	20150129	US20140513051	20141013
US2015084900 AA	20150326	US20140553491	20141125
US2017315678 AA	20171102	US20170650769	20170714
US8858335 BB	20141014	US20130745658	20130118
US9529447 BB	20161227	US20140553491	20141125
WO14113340 A2	20140724	WO2014US11368	20140114
WO14113340 A3	20141231	WO2014US11368	20140114

Priority:

US20130745658 20130118 WO2014US11368 20140114 US20140513051 20141013
US20140553491 20141125 US20170650769 20170714

Probable Assignee: MICROSOFT CORP

Assignee(s): (std): MICROSOFT CORP ; MICROSOFT TECHNOLOGY LICENSING LLC

Inventor(s): (std): HELMES JOHN ; SCOTT JAMES W ; TAYLOR STUART ; HODGES STEPHEN E ; VILLAR NICOLAS ; HELMES JOHN FRANCISCUS MARIE

Agent(s): WALLIS HELEN FRANCES MARY; JUDY; MICKY; ZETE LAW PLLC; GREGG R

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

7) Family number: 30173296 (US2006152484A)

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Title: INPUT DEVICE FOR PORTABLE DIGITAL COMPUTERS AND PORTABLE DIGITAL COMPUTER WITH A MULTI-FUNCTIONAL MOUSE

Abstract: The invention relates to a portable digital Computer with an in-built coupling device which is arranged in order to receive mouse Signals from a radio mouse provided with a battery and fed by said battery. Said digital Computer comprises an in-built current source and an electric interface which is installed in a fixed manner and which is connected to the current source, the electric interface being arranged such that the battery can be charged. The invention also relates to an input device for a portable digital Computer comprising a radio mouse and an additional slide pad which is arranged on the top side of said radio mouse. The invention further relates to a special coupling bay comprising a recess which is a notebook. Said coupling bay is used for mechanically coupling a Cursor control device which is disposed below a notebook keyboard and in order to reconfigure the Cursor control device in a rear-sided Operation in order to use a notebook in a book-type and handheld form, whereby a flat mouse with annular-shaped finger Supports is provided in order to improve the handling and Operation thereof, in addition to a Cursor control device which is provided with an identification and locking function. Additionally, a notebook is disclosed, comprising a decoupling Cursor control device and a keyboard which can be decoupled. A desktop PC can be configured by means of a configuration via a hinge foldable functional part of a notebook.

Classifications:

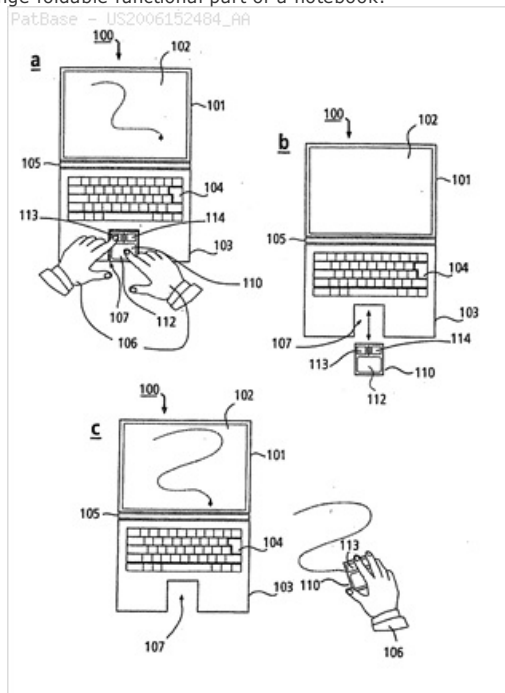
International (IPC 8-9): G06F G06F1/00 G06F1/16 G06F21/35 G06F3/033 G06F3/0354 G06F3/038 G06F3/041 G09G5/00 G09G5/08 (Advanced/Invention)

International (IPC 1-7): G06F1/16 G06F1/26 G06F13/00 G06F3/03 G06F3/033 G06F3/33

CPC: G06F3/038 G06F1/1618 G06F1/1669 G06F1/169 G06F1/1698 G06F3/03543 G06F2200/1614 G06F2200/1632 G06F2203/0333 G06F2221/2153

European: G06F1/16P1F2 G06F1/16P9K8 G06F1/16P9P6 G06F1/16P9P9 G06F3/033D G06F3/033Z8D1 G06F3/0354M G06F3/038 S06F200/1614 S06F200/1632 S06F203/0333

US: 345/157 345/157P 345/163 345/173 361/679.02 361/679.4

**Family:**

Publication number	Publication date	Application number	Application date
CN1849575 A	20061018	CN200480025730	20040708
DE10330773 A1	20050428	DE20031030773	20030708
DE20314713 U1	20040115	DE20032014713U	20030708
EP1644812 A2	20060412	EP20040740813	20040708
EP2568358 A1	20130313	EP20120186226	20040708
EP2573652 A1	20130327	EP20120186220	20040708

EP2573653 A1	20130327	EP20120186223	20040708
EP2573654 A1	20130327	EP20120186225	20040708
EP2573655 A1	20130327	EP20120186227	20040708
HK1096738 A1	20070608	HK20070102363	20070302
HK1096738 A3	20070608	HK20070102363	20070302
JP2007527045 T2	20070920	JP20060518147T	20040708
US2006152484 AA	20060713	US20040563741	20040708
US8072423 BB	20111206	US20040563741	20040708
WO05006170 A2	20050120	WO2004EP07514	20040708
WO05006170 A3	20060119	WO2004EP07514	20040708

Priority:

DE20031030773 20030708 DE20031030773 20030708 DE20032014713U 20030708
WO2004EP07514 20040708 EP20040740813 20040708

Probable Assignee: BRANDS AND PRODUCTS IPR HOLDING GMBH AND CO KG

Assignee(s): (std): BORGWARD GLENN ROLUS ; BRANDS AND PRODUCTS IPR HOLDING ; BRANDS AND PRODUCTS IPR HOLDING GMBH AND CO KG ; ROLUS BORGWARD GLENN

Assignee(s): BRANDS AND PRODUCTS IPR HOLDING GMBH

Inventor(s): (std): BORGWARD GLENN ROLUS ; ROLUS BORGWARD GLENN

Agent(s): GRUENECKER KINKELDEY STOCKMAIR AND SCHWANHAUESSER; LIU SHEN AND ASSOCIATES; KIMURA TAKAHISA; ROBERTS MLOTKOWSKI AND HOBBS; ROBERTS MLOTKOWSKI SAFRAN AND COLE PC; DAVID S

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

8) Family number: 55360297 (US2013335904A)

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Title: COVER FOR A PORTABLE ELECTRONIC DEVICE

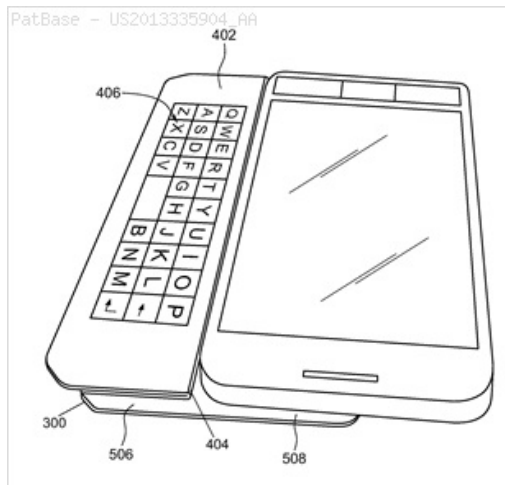
Abstract: A cover for a portable electronic device includes a keyboard for electrically communicating with the portable electronic device. The cover includes a back cover body for coupling to a back side of the portable electronic device, and a front cover body coupled to the back cover body and foldable relative thereto. The back cover body is movable relative to the portable electronic device such that a first portion of the back cover body slides away from a back side of the portable electronic device. The front cover body is foldable to stack a keyboard portion, on which the keyboard is disposed, and a support portion of the front cover body. The first portion of the back cover body, the support portion, and the keyboard portion are stacked when the keyboard is exposed for use.

Classifications:

International (IPC 8-9): A47G1/10 F16M11/00 G06F1/16 G06F1/18 G09G5/00 H05K5/00 H05K7/00 (Advanced/Invention)

CPC: G06F2200/1633 G06F1/1662 G06F1/182 G06F1/1626 G06F1/1669

US: 248/229.22 248/292.14 248/316.5 248/919 345/156 361/679.08 361/679.09 361/679.11 361/679.12 361/679.13 361/679.14 361/679.15 361/679.16 361/679.17 361/679.41 361/679.44



Family:

Publication number	Publication date	Application number	Application date
US2013335904 AA	20131219	US20120524375	20120615
US2014362508 AA	20141211	US20140465214	20140821
US8842423 BB	20140923	US20120524375	20120615
US9007753 BB	20150414	US20140465214	20140821

Priority:

US20120524375 20120615 US20140465214 20140821

Probable Assignee: RESEARCH IN MOTION LTD

Assignee(s): (std): BLACKBERRY LTD ; GRIFFIN JASON TYLER ; RESEARCH IN MOTION LTD

Inventor(s): (std): GRIFFIN JASON TYLER

Agent(s): BORDEN LADNER GERVAIS LLP; LESLEY M

9) Family number: 53509465 (US2013095925A)

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Title: GAME CONTROLLER AND MOBILE COMPUTER THEREOF

Abstract: A mobile computer includes a housing, an electrical connector located on the housing and a game controller. The

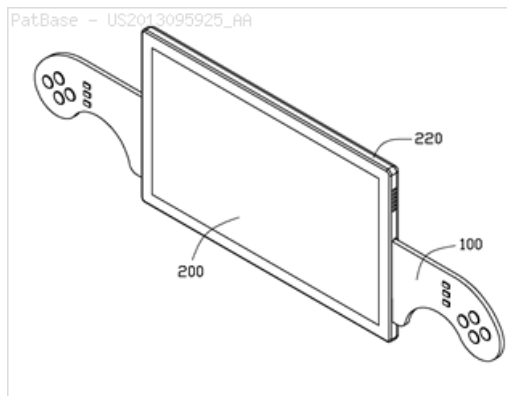
game controller is detachably connected to housing and includes a main body, a connection assembly and a connector. The connection assembly is rotatably connected to the main body. The connector is located within the connection assembly, and is electrically connected to the electrical connector of the mobile computer, the game controller is rotatably connected to the mobile computer through the connection assembly, and the game controller communicates with the mobile computer through the connector and the electrical connector.

Classifications:

International (IPC 8-9): A63F13/06 A63F9/24 G06F1/16 G06F1/20 G06F3/01 G06F3/02 H05K7/14 (Advanced/Invention)

CPC: G06F3/01 G06F1/1656 G06F1/169 G06F1/182 G06F1/203 G06F1/206 A63F2300/1043 A63F13/98 A63F13/24 A63F13/92 G06F1/1626

US: 463/37



Family:

Publication number	Publication date	Application number	Application date
■ CN103049041 A	20130417	CN201110308157	20111012
■ TW201316201 A	20130416	TW20110137441	20111014
■ US2013095925 AA	20130418	US20120414862	20120308

Priority:

CN201110308157 20111012

Probable Assignee: HON HAI PRECISION IND CO LTD

Assignee(s): (std): HON HAI PREC IND CO LTD ; XU ZHEN WEI ; HONGFUJIN PREC IND SHENZHEN ; HONHAI PRECISION IND CO LTD

Assignee(s): HONGFUJIN PRECISION IND SHENZHEN CO ; HONG FU JIN PRECISION INDUSTRY SHENZHEN CO LTD ; HON HAI PRECISION IND CO ; HON HAI PRECISION IND CO LTD ; HON HAI PRECISION INDUSTRY CO LTD ; HONG FU JIN PRECISION IND SHENZHEN CO ; HONG FU JIN PRECISION IND SHENZHEN CO LTD

Inventor(s): (std): XU ZHEN WEI ; XU ZHENWEI

10) Family number: 49623707 (US2011234154A)

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Title: VIDEO GAME CONTROLLER CHARGING SYSTEM

Abstract: A video game controller charging system for charging at least one video game controller is provided. The system includes a controller adapter including a battery unit, at least one first induction coil, and at least one first magnet, and is adapted to be received by the at least one video game controller; and a base including a power input, at least one second induction coil, and at least one structure on the base for providing physical support to the controller while the controller is being charged, the at least one structure including at least one second magnet. The base is configured to inductively charge the battery unit through inductive coupling between the at least one first induction coil and the at least one second induction coil when the controller is held in place on the structure by magnetic attraction between the **magnets**.

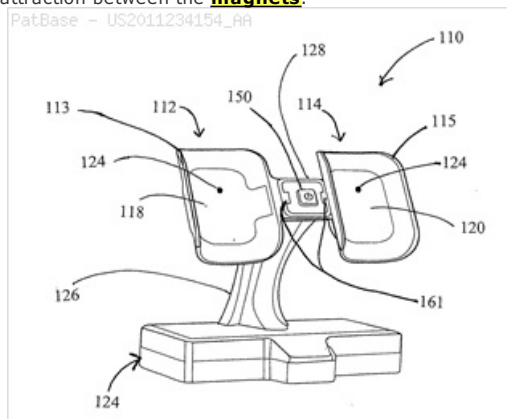
Classifications:

International (IPC 8-9): H02J7/00 H02J7/02 (Advanced/Invention); H01R13/648 (Advanced/Non-invention)

CPC: H02J7/0045 H02J7/0047 H02J7/025 H02J50/10 H02J50/40 H02J50/80

European: H02J7/00E2 H02J7/00F H02J7/02B1

US: 320/108 320/108P 320/109 320/139 320/140 320/141 439/101 439/105 703/25



Family:

Publication number	Publication date	Application number	Application date
■ EP2369714 A2	20110928	EP20110159198	20110322
■ US2011234154 AA	20110929	US20100729526	20100323
■ US8497659 BB	20130730	US20100729526	20100323

Priority:

US20100729526 20100323

Probable Assignee: NYKO TECHNOLOGIES INC

Assignee(s): (std): NAVID AMIR ; NYKO TECHNOLOGIES INC

Inventor(s): (std): NAVID AMIR

Agent(s): MUELLER WOLFRAM HUBERTUS; CHRISTIE PARKER AND HALE LLP

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Title: SEPARABLE GAME CONTROLLER

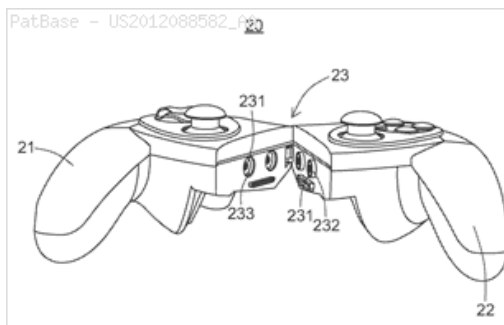
Abstract: A separable game controller includes a first handle, a second handle and a fixing member. The second handle includes a first sensor, a second sensor and a first controlling unit. The first controlling unit is electrically connected with the first sensor and the second sensor. The first sensor is used for sensing whether the first handle and the second handle are separated from each other. When the first handle and the second handle are separated from each other, the first sensor generates a first signal. When the first signal is received by the first controlling unit, the second sensor is enabled by the first controlling unit to generate a second signal. According to the second signal, a displacement of the second handle is sensed by the second sensor.

Classifications:

International (IPC 8-9): G06F17/00 G06F3/033 (Advanced/Invention)

CPC: A63F2300/1043 A63F2300/105 A63F13/24 A63F13/211

US: 463/37 463/37P



Family:

Publication number	Publication date	Application number	Application date
TW201216123 A	20120416	TW20100134349	20101008
US2012088582 AA	20120412	US20100960250	20101203

Priority:

TW20100134349 20101008

Probable Assignee: PRIMAX ELECTRONICS LTD

Assignee(s): (std): CHOU SHU WEI ; PRIMAX ELECTRONICS LTD ; SU CHUN NAN ; WU CHUN CHE

Inventor(s): (std): SU CHUN NAN ; WU CHUN CHE ; CHOU SHU WEI

Title: REMOVABLY ATTACHABLE CONTROLLER FOR PORTABLE ELECTRONIC DEVICES

Abstract: A method and apparatus for removably attaching a controller onto a portable electronic device to control the operation of that device and, more specifically, to a joystick and button controller which is removably attached to the device that communicates through software with the device and is connected to the device by wire or wirelessly. A rechargeable Bluetooth chip and associated circuit is located in the controller and a joystick and action buttons are functionally coupled to the Bluetooth chip and associated circuit and, through the controller to the portable electronic device. The joystick and action buttons are removably attached to the portable electronic device.

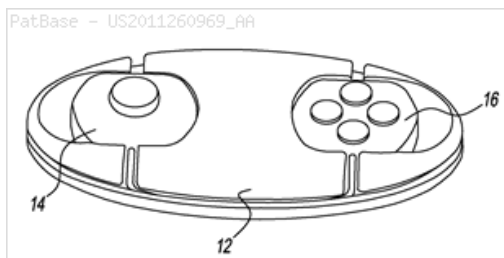
Classifications:

International (IPC 8-9): G06F3/033 (Advanced/Invention)

CPC: A63F13/98 A63F13/235 A63F2300/1031 A63F2300/204 G06F3/0202 A63F13/24

European: A63F13/06 G06F3/02A K63F300/10D1 K63F300/20H

US: 345/161 345/161P



Family:

Publication number	Publication date	Application number	Application date
US2011260969 AA	20111027	US20110091117	20110420

Priority:

US20100326627P 20100421

US20110091117 20110420

Probable Assignee: WORKMAN BRANDON

Assignee(s): (std): WORKMAN BRANDON

Inventor(s): (std): WORKMAN BRANDON

Title: INPUT DEVICE CONFIGURATIONS

Abstract: Input device configurations are described. In one or more implementations, an input device includes a connection portion, protective case, and one or more controls. The connection portion is configured to provide a removable physical connection to a computing device. The protective case is coupled to the connection portion and configured to support rotational movement of the protective case in relation to the computing device when the connection portion is physically connected to the computing device. The one or more controls are disposed on the protective case such that at least one control is accessible to a user when the protective case is positioned behind the computing device and the computing device

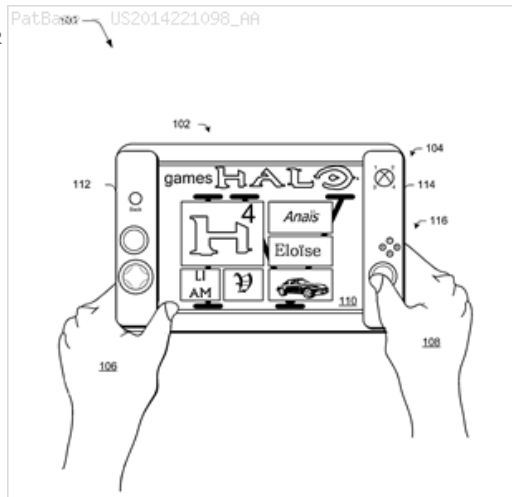
and the input device are grasped by one or more hands of a user.

Classifications:

International (IPC 8-9): A63F13/08 A63F13/24 A63F13/90 A63F13/92 A63F13/98 G06F1/16 G06F3/02 H04M1/02 (Advanced/Invention); H04M1/02 (Advanced/Non-invention)

CPC: G06F1/1626 G06F1/1632 G06F2200/1633 G06F2200/1634 A63F13/08 G06F1/1684

US: 1/1 361/679.3 463/37



Family:

Publication number	Publication date	Application number	Application date
CN105144016 A	20151209	CN201480007358	20140204
EP2954383 A1	20151216	EP20140708146	20140204
EP2954383 B1	20181003	EP20140708146	20140204
JP2016511885 T2	20160421	JP20150556215T	20140204
JP6316851 B2	20180425	JP20150556215T	20140204
KR20150115911 A	20151014	KR20157024162	20140204
US2014221098 AA	20140807	US20130759875	20130205
US9176538 BB	20151103	US20130759875	20130205
WO14123828 A1	20140814	WO2014US14522	20140204

Priority:

US20130759875 20130205 WO2014US14522 20140204

Probable Assignee: MICROSOFT CORP

Assignee(s): (std): MICROSOFT CORP ; MICROSOFT TECHNOLOGY LICENSING LLC

Inventor(s): (std): BOULANGER CATHERINE N

Agent(s): GODDAR HEINZ J; OHNUKI SHINSUKE; ITOH TADAHIKO; ITOH TADASHIGE; MICKY; JEREMY; JUDY

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

14) Family number: 54921987 (US2013267322A)

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Title: GRIPPING CONTROLLERS FOR PORTABLE COMPUTING DEVICES

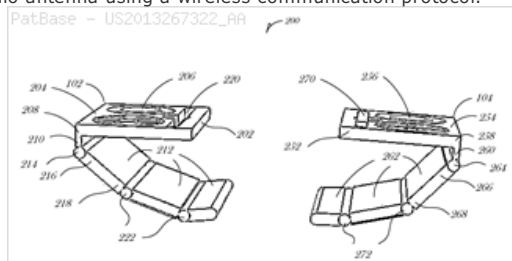
Abstract: Various devices, systems, and methods for gripping controllers for use with portable computing devices are described herein. In various embodiments, a system for gripping controllers for use with portable computing devices includes two gripping controllers. Each gripping controller includes a top portion having a face with an input controller arranged to receive input from a user, a bottom portion coupled to the top portion, and a radio antenna. Each gripping controller clamps onto a side of the portable computing device. At least one gripping controller communicates the received input from one or both gripping controllers to the portable computing device via the radio antenna using a wireless communication protocol.

Classifications:

International (IPC 8-9): A63F13/06 A63F13/20 A63F13/235 A63F13/24 A63F13/92 A63F13/98 A63F9/24 (Advanced/Invention)

CPC: A63F13/06 A63F13/235 A63F13/24 A63F13/92 A63F13/98

US: 1/1 463/37 463/38



Family:

Publication number	Publication date	Application number	Application date
US2013267322 AA	20131010	US20130857538	20130405
US9216349 BB	20151222	US20130857538	20130405

Priority:

US20120686410P 20120405 US20130782544P 20130314 US20130857538 20130405

Probable Assignee: SOUTH MICHAEL PAUL

Assignee(s): (std): SOUTH MICHAEL PAUL

Inventor(s): (std): SOUTH MICHAEL PAUL

Agent(s): WILLIAM MITCHELL IP CLINIC