

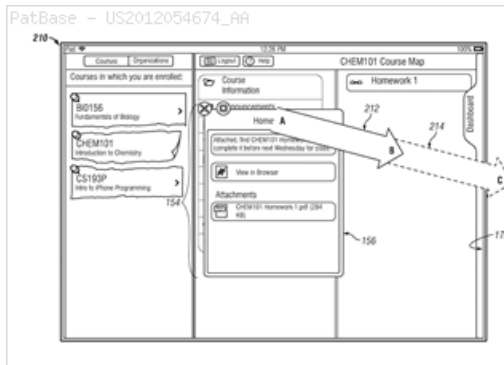
Nicolas Vargas

Search history

- Search TAC=(window* and (split* or divid*) and control and (speed or rate or velocity)) and IC=(G06F3/48 or G06F9/44) (Results 69)
1:
- Search TAC=(window* and (split* or divid*) and control and (speed or rate or velocity)) and IC=(G06F3/48 or G06F9/44) (Results 69)
2:
- Search 2 and window* (Results 69)
3:
- Search 2 and control (Results 69)
4:
- Search TAC=(window* and (split* or divid*) and control and (speed or rate or velocity)) and IC=(G06F3/48 or G06F9/44) (Results 69)
5:
- Search TAC=(window* and (split* or divid*) and control and (speed or rate or velocity) and user interface) and IC=(G06F3/48 or G06F9/44) (Results 42)
6:
- Search TAC=(window and (split* or divid*) and control and (speed or rate or velocity) and user interface) and IC=(G06F3/48 or G06F9/44) (Results 38)
7:
- Search PN=(WO2014171963) (Results 1)
8:
- Search [SP]: 1. a method comprising: presenting an application window divider control shared by a first application window and a second application window in a user interface and adjusting placement of the first application window and the second application window across a range of consistently spaced points along an axis of the user interface, responsive to a received directional instruction that moves the application window divider control along the axis. 2. the method of claim 1 wherein a minimum size condition is associated with the first application window and further comprising: removing the first application window from the user interface when the adjusting operation decreases the placement of the first application window to satisfy the minimum size condition. 3. the method of claim 2 wherein the first application window is removed from the user interface with an animation that pushes the first application out of the user interface in the direction of the directional instruction. 4. the method of claim 1 wherein the presenting operation further presents a third application window that does not share the application window divider control, the third application window being placed between the first window and an edge of the user interface in the direction of the directional instruction, and the adjusting operation further comprises: adjusting the placement of the first application window to satisfy a minimum size condition of the first application window, responsive to the directional instruction and adjusting placement of the third application window after the placement of the first application window satisfies the minimum size condition of the first application window, responsive to the directional instruction. 5. the method of claim 4 wherein a minimum size condition is associated with the third application window and further comprising: removing the third application window from the user interface when the operation of adjusting the third application window decreases the placement of the third application window to satisfy the minimum size condition of the third application window. 6. the method of claim 5 wherein the third application window is removed from the user interface with an animation that pushes the third application out of the user interface in the direction of the directional instruction. 7. the method of claim 1 further comprising: snapping the application window divider control to a point along the axis of the user interface if movement of the application window divider control satisfies a speed condition or a distance condition relative to the point. 8. the method of claim 7 wherein the snapping operation comprises: moving the application window divider control to align with the point along the axis when the application window divider control is not aligned with the point but the movement of the application window divider control satisfies the speed condition and the distance condition relative to the point. 9. one or more tangible computer-readable storage media encoding computer-executable instructions for executing on a computer system a computer process, the computer process comprising: presenting an application window divider control shared by a first application window and a second application window in a user interface and adjusting placement of the first application window and the second application window across a range of consistently spaced points along an axis of the user interface, responsive to a received directional instruction that moves the application window divider control along the axis. 10. the one or more tangible computer-readable storage media of claim 9 wherein a minimum size condition is associated with the first application window and the computer process further comprises: removing the first application window from the user interface when the adjusting operation decreases the placement of the first application window to satisfy the minimum size condition. 11. the one or more tangible computer-readable storage media of claim 9 wherein the presenting operation further presents a third application window that does not share the application window divider control, the third application window being placed between the first window and an edge of the user interface in the direction of the directional instruction, and the adjusting operation further comprises: adjusting the placement of the first application window to satisfy a minimum size condition of the first application window, responsive to the directional instruction and adjusting placement of the third application window after the placement of the first application window satisfies the minimum size condition of the first application window, responsive to the directional instruction. 12. the one or more tangible computer-readable storage media of claim 11 wherein a minimum size condition is associated with the third application window and the computer process further comprises: removing the third application window from the user interface when the operation of adjusting the third application window decreases the placement of the third application window to satisfy the minimum size condition of the third application window. 13. the one or more tangible computer-readable storage media of claim 12 wherein the third application window is removed from the user interface with an animation that pushes the third application out of the user interface in the direction of the directional instruction. 14. the one or more tangible computer-readable storage media of claim 9 wherein the computer process further comprises: snapping the application window divider control to a point along the axis of the user interface if movement of the application window divider control satisfies a speed condition or a distance condition relative to the point. 15. the one or more tangible computer-readable storage media of claim 14 wherein the snapping operation comprises: moving the application window divider control to align with the point along the axis when the application window divider control is not aligned with the point but the movement of the application window divider control satisfies the speed condition and the distance condition relative to the point. 16. the one or more tangible computer-readable storage media of claim 14 wherein the point is dynamically calculated during the directional instruction. 17. a system comprising: a computing device presenting a user interface a window management system configured to adjust placement of a first application window and the second application window across a range of consistently spaced points along an axis of a user interface, responsive to a received directional instruction that moves a visible application window divider control shared by the first application window and the second application along the axis. 18. the system of claim 17 wherein the window management system is further configured to remove the first application window from the user interface when the placement of the first application window decreases to satisfy the minimum size condition. 19. the system of claim 17 wherein the window management system is further configured to present a third application window that does not share the application window divider control, the third application window being placed between the first window and an edge of the user interface in the direction of the directional instruction, the placement of the first application window being adjusted to satisfy a minimum size condition of the first application window, responsive to the directional instruction, and placement of the third application window being adjusted after the placement of the first application window satisfies the minimum size condition of the first application window, responsive to the directional instruction. 20. the system of claim 17 wherein the window management system is further configured to snap the application window divider control to a point along the axis of the user interface if movement of the application window divider control satisfies a speed condition and a distance condition relative to the point, the application windows divider control snapping to the point by moving to align with the point along the axis when the application window divider control is not aligned with the point but the movement of the application window divider control satisfies the speed condition or the distance condition relative to the point. (Results 21)
9 and (speed or rate or velocity) (Results 3)
10:

Title: SMART DOCKING FOR WINDOWING SYSTEMS

Abstract: Source: US2012054674A A graphical user interface system is provided. The system includes a display and a processor, coupled to the display, configured to display a window, in an initial position. Upon receiving a window docking input by a user indicating a request to dock the window at a predefined docking point, the processor is configured to dock the window at the predefined docking point. The docking of the window at the predefined docking point includes hiding a portion of the window. Upon receiving a window docking input by a user indicating a request to simultaneously dock each of a plurality of windows at a predefined docking point, the processor is configured to dock each of the plurality of windows at a corresponding position on the predefined docking point, including hiding a portion of each of the plurality of windows. Methods and computer-readable mediums are also provided.

Classifications:**International (IPC 8-9):** G06F3/048 G06F3/0481 (Advanced/Invention)**CPC:** G06F3/0481**European:** G06F3/0481**US:** 715/772 715/788 715/788P 715/795**Family:**

Publication number	Publication date	Application number	Application date
US2012054674 AA	20120301	US20100873261	20100831
US8875047 BB	20141028	US20100873261	20100831

Priority:

US20100873261 20100831

Probable Assignee: BLACKBOARD INC**Assignee(s):** (std): BERNSTEIN JOSEPH ; BEYKPOUR KAYVON ; BLACKBOARD INC ; YU ZEXIAO ; CUNNINGHAM BEN**Assignee(s):** WILMINGTON TRUST NATIONAL ASSOCIATION COLLATERAL AGENT AS ; EDLINE LLC ; TEACHERWEB INC ; BLACKBOARD CONNECT INC ; BANK OF AMERICA N A COLLATERAL AGENT AS ; BANK OF AMERICA NA COLLATERAL AGENT AS**Inventor(s):** (std): BERNSTEIN JOSEPH ; BEYKPOUR KAYVON ; CUNNINGHAM BEN ; YU ZEXIAO**Agent(s):** MCDERMOTT WILL AND EMERY LLP

2) Family number: 57600244 (US2014310646A)

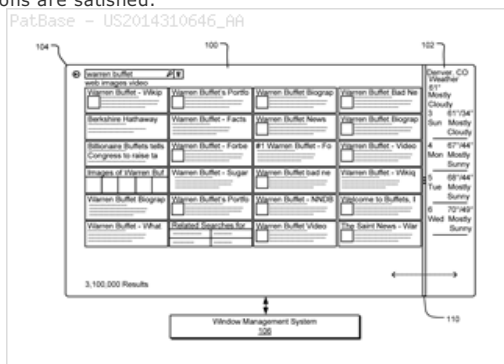
Title: APPLICATION WINDOW DIVIDER CONTROL FOR WINDOW LAYOUT MANAGEMENT

Abstract: Source: US2014310646A An application window divider control is shared by a first application window and a second application window in a user interface. Based on a received directional instruction that moves the application window divider control along an axis of the user interface, placement of the first application window and the second application window may be positioned across a range of consistently spaced points along an axis of the user interface. Placement adjustment can also impact other application windows in the user interface. The application window divider control may also snap to provide "magnetic" points along the axis when certain conditions are satisfied.

Classifications:**International (IPC 8-9):** G06F G06F3/048 G06F3/0481 G06F3/0484

G06F3/0488 G06F9/44 (Advanced/Invention);

G06F (Subclass/Invention)

CPC: G06F3/0481 G06F9/4443**US:** 715/788**Family:**

Publication number	Publication date	Application number	Application date
AU2013386836 AA	20141023	AU20130386836	20130918
CA2908006 AA	20150924	CA20132908006	20130918
CL2015003057 A1	20160819	CL20150003057	20151015
CN105190544 A	20151223	CN201380075620	20130918
EP2987077 A1	20160224	EP20130780431	20130918
HK1214872 A1	20160805	HK20160102816	20160311
IL241765 A0	20151231	IL20130241765	20130918
IN06305CN2015 A	20160701	IN2015CN06305	20151012
JP2016518658 T2	20160623	JP20160507531T	20130918
KR20150143630 A	20151223	KR20157032167	20130918
MX2015014579 A1	20160304	MX20150014579	20130918
PH2015502311 A	20160210	PH20150502311	20151006

RU2015144183 A	20170418	RU20150144183	20130918
US2014310646 AA	20141016	US20130863369	20130415
WO14171963 A1	20141023	WO2013US60247	20130918

Priority:

US20130863369 20130415 WO2013US60247 20130918

Probable Assignee: MICROSOFT TECHNOLOGY LICENSING LLC

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

Assignee(s): WORLEY MATTHEW ISAAC ; STEINGLASS ALICE ; SUNDELIN NILS ANDERS ; VRANJES MIRON ; SATTERFIELD JESSE CLAY ; SAREEN CHAITANYA ; JARRETT ROBERT JAMES ; MALANI ABHISHEK

Inventor(s): (std): ABHISHEK MALANI ; ALICE STEINGLASS ; CHAITANYA SAREEN ; ANDERS SUNDELIN NILS ; ISAAC WORLEY MATTHEW ; CLAY SATTERFIELD JESSE ; JARRETT ROBERT JAMES ; MALANI ABHISHEK ; MIRON VRANJES ; JAMES JARRETT ROBERT ; WORLEY MATTHEW ISAAC ; SAREEN CHAITANYA ; SUNDELIN NILS ANDERS ; VRANJES MIRON ; STEINGLASS ALICE ; SATTERFIELD JESSE CLAY

Inventor(s): SUNDE LIN NILS ANDERS ; ROBERT JAMES JARRETT ; MATTHEW ISAAC WORLEY ; JESSE CLAY SATTERFIELD ; NILS ANDERS SUNDELIN

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; SMART AND BIGGAR; ESTUDIO FEDERICO VILLASECA Y CIA; GODDAR HEINZ J; INABA YOSHIYUKI

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 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

3) Family number: 64277174 (US2016357358A)

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Title: DEVICE, METHOD, AND GRAPHICAL USER INTERFACE FOR MANIPULATING APPLICATION WINDOWS

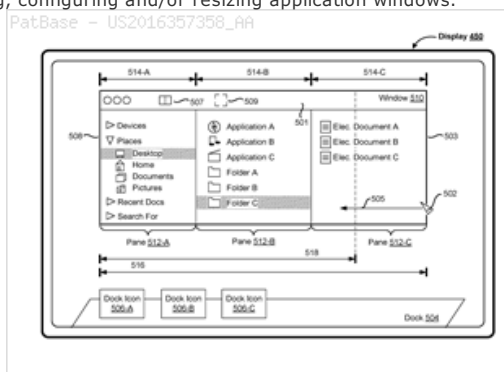
Abstract: Source: US2016357358A Many electronic devices have graphical user interfaces that use applications windows. Because a user may use one or more instances of a particular application or multiple applications at once, application windows are useful tools for organizing items stored in electronic devices and using features provided by various applications. A user may need to manipulate, organize, configure and/or resize application windows. Some methods for manipulating, organizing, configuring and/or resizing application windows require a sequence of user inputs that navigate in a menu system. For example, with these methods, a user may need to select a user interface object in display a menu and/or perform one or more actions on the selected user interface object associated with one or more application windows. The various methods disclosed herein streamline manipulating, organizing, configuring and/or resizing application windows.

Classifications:

International (IPC 8-9): G06F3/01 G06F3/041 G06F3/0481 G06F3/0484 (Advanced/Invention)

CPC: G06F3/0481 G06F3/0414 G06F3/0416 G06F3/016 G06F3/04845 G06F2203/04105 G06F2203/04803

US: 715/763



Family:

Publication number	Publication date	Application number	Application date
US2016357358 AA	20161208	US20160171192	20160602
WO16200670 A1	20161215	WO2016US35429	20160602

Priority:

US20150172160P 20150607 US20160171192 20160602

Probable Assignee: APPLE INC

Assignee(s): (std): APPLE INC

Inventor(s): (std): FORSTER KRISTIN MARIE ; LOUCH JOHN O ; SEPULVEDA RAYMOND S ; WILSON ERIC LANCE

Agent(s): FERNANDO RONALD S

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 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