

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6044687

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
IMERJ LLC	05/30/2012
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Z124
<b>Street Address:</b>	P.O. BOX 309GT
<b>Internal Address:</b>	UGLAND HOUSE, SOUTH CHURCH ST.
<b>City:</b>	GEORGETOWN
<b>State/Country:</b>	CAYMAN ISLANDS
<b>Postal Code:</b>	KY1-1104
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16693756
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(303)863-0223
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Email:</b>	kkebba@sheridanross.com
<b>Correspondent Name:</b>	SHERIDAN ROSS P.C.
<b>Address Line 1:</b>	1560 BROADWAY, SUITE 1200
<b>Address Line 4:</b>	DENVER, COLORADO 80202
<b>ATTORNEY DOCKET NUMBER:</b>	6583-184-CON-2
<b>NAME OF SUBMITTER:</b>	WILLIAM J. DALEY
<b>SIGNATURE:</b>	/William J. Daley/
<b>DATE SIGNED:</b>	04/02/2020
<b>Total Attachments: 8</b>	
source=Executed Assignment (Imerj to Z124-Cayman)#page1.tif	
source=Executed Assignment (Imerj to Z124-Cayman)#page2.tif	
source=Executed Assignment (Imerj to Z124-Cayman)#page3.tif	
source=Executed Assignment (Imerj to Z124-Cayman)#page4.tif	
source=Executed Assignment (Imerj to Z124-Cayman)#page5.tif	
source=Executed Assignment (Imerj to Z124-Cayman)#page6.tif	

source=Executed Assignment (Imerj to Z124-Cayman)#page7.tif  
source=Executed Assignment (Imerj to Z124-Cayman)#page8.tif

ASSIGNMENT

WHEREAS, Imerj LLC ("ASSIGNOR" herein), a corporation or other business entity duly registered in the State/Country of Colorado, whose postal address is 305 Interlocken Parkway, Broomfield, CO 80021, is the owner of the entire right, title, and interest in the United States Patent Applications listed on the attached Appendix A, the Patent Cooperation Treaty applications listed on the attached Appendix B, and the foreign applications listed on the attached Appendix C, and

WHEREAS, Z124 ("ASSIGNEE" herein), a corporation or other business entity duly registered in the State/Country of Cayman Islands, whose postal address is P.O. Box 309GT, Uglund House, South Church St., Georgetown, Grand Cayman KY1-1104, Cayman Islands, desires to acquire the entire right, title, and interest in and to the invention(s) disclosed in the above-identified applications listed on the attached Appendices A, B, and C, the application itself, and any and all Letters Patent to be granted for the invention(s) in the United States and in all foreign countries;

NOW, THEREFORE, be it known for certain good and valuable consideration, the receipt and sufficiency of which ASSIGNOR acknowledges, ASSIGNOR does hereby sell, assign, transfer, and set over unto ASSIGNEE, its successors, legal representatives, and assigns, the entire right, title, and interest in and to the applications listed in Appendices A, B, and C ("Applications") and inventions covered by the Applications ("Inventions"), all applications claiming benefit of the Applications, including, but not limited to, each divisional, continuation and continuation-in-part of the Applications, and all Letters Patent, Utility Models, Extension and other patent rights, that may be granted thereon in the United States, and in all foreign countries, and all reissues and reexaminations thereof, together with the right to claim priority under each applicable International Convention in all member countries; and ASSIGNOR authorizes and requests the Director of Patents and Trademarks to issue all Letters Patent for the Invention(s) to ASSIGNEE, its successors, legal representatives, and assigns in accordance with the terms of this Assignment;

AND ASSIGNOR covenants and agrees that ASSIGNOR has the full right to convey the entire right, title, and interest herein assigned, and that ASSIGNOR has not executed and will not execute any assignment or other instrument in conflict with this Assignment;

AND ASSIGNOR further covenants and agrees that upon request by ASSIGNEE, its successors, legal representatives, and/or assigns, and without further consideration, ASSIGNOR will do all lawful acts that may be necessary or desirable to assist ASSIGNEE, its successors, legal representatives, and/or assigns to obtain and enforce patent protection for the Invention(s) in the United States and in all foreign countries, including, but not limited to, communicate with ASSIGNEE, its successors, legal representatives, and/or assigns any facts known to ASSIGNOR regarding the Invention(s), testify in any legal proceeding, sign all lawful papers, execute and deliver all papers that may be necessary or desirable to perfect the title to the Invention(s) in ASSIGNEE, its successors, legal representatives, and/or assigns, execute all divisional, continuation, continuation-in-part, reissue, and reexamination applications, and make all rightful oaths, it being understood that any expense incident to the rendering of such assistance will be borne by ASSIGNEE, its successors, legal representatives, and/or assigns.

IN WITNESS WHEREOF, ASSIGNOR has executed this Assignment on the date indicated below.

Signature: Timothy L Stewart

Date: 30 May 2012

Full Name: Timothy L. Stewart

Title: Secretary

Address: 847 Gibraltar Drive

Milpitas, CA 95035

**APPENDIX A**

<b>SR Matter No.</b>	<b>Country</b>	<b>Title</b>	<b>Serial No.</b>	<b>Filed Date</b>
6583-8	US	Focus Change Upon Application Launch	13/248,618	9/29/2011
6583-9	US	Focus Change Upon Use of Gesture to Move Image	13/248,665	9/29/2011
6583-10	US	Maintaining Focus Upon Swapping of Images	13/248,578	9/29/2011
6583-11	US	Focus Change Upon Use of Gesture	13/249,056	9/29/2011
6583-12	US	Handling Gestures for Changing Focus	13/223,039	8/31/2011
6583-13	US	Hardware Buttons Activated Based on Focus	13/223,043	8/31/2011
6583-14	US	Keeping Focus at the Top of the Device When in Landscape Orientation	13/247,815	9/28/2011
6583-15	US	Focus Changes Due to Gravity Drop	13/248,496	9/29/2011
6583-16	US	Keeping Focus During Desktop Reveal	13/248,427	9/29/2011
6583-17	US	Window Stack Models for Multi-Screen Displays	13/222,970	8/31/2011
6583-18	US	Displaying the Desktop Upon Device Open	13/248,138	9/29/2011
6583-19	US	Screen Shuffle	13/223,848	9/1/2011
6583-20	US	Modifying the Display Stack Upon Device Open	13/248,188	9/29/2011
6583-21	US	Changing the Screen Stack Upon Application Open	13/248,228	9/29/2011
6583-22	US	Window Stack Modification in Response to Orientation Change	13/247,808	9/28/2011
6583-23	US	Changing the Screen Stack Upon Desktop Reveal	13/248,275	9/29/2011
6583-24	US	Desktop Reveal Expansion	13/222,921	8/31/2011
6583-25	US	Launching Applications Into Revealed Desktop	13/223,015	8/31/2011
6583-26	US	Dual Screen Application Behavior	13/247,817	9/28/2011
6583-27	US	Gravity Drop	13/222,910	8/31/2011
6583-28	US	Application Display Transitions Between Single and Multiple Displays	13/247,982	9/28/2011
6583-29	US	Gesture Capture for Manipulation of Presentations on One or More Device Displays	13/247,977	9/28/2011
6583-30	US	Method and System for Viewing Stacked Screen Displays Using Gestures	13/247,971	9/28/2011
6583-31	US	Desktop Reveal By Moving a Logical Display Stack With Gestures	13/247,325	9/28/2011
6583-32	US	Changing Stack When Swapping	13/247,345	9/28/2011
6583-33	US	Sleep State for Hidden Windows	13/248,305	9/29/2011
6583-34	US	Method and Apparatus for Showing Stored Window Display	13/247,735	9/28/2011
6583-35	US	Method and Apparatus for Moving Display During a Device Flip	13/247,739	9/28/2011
6583-36	US	Receiving Calls in Different Modes	13/248,714	9/29/2011
6583-37	US	Application Launch	13/248,544	9/29/2011
6583-38	US	Application Launch	13/249,014	9/29/2011
6583-39	US	Minimizing Application Windows	13/249,103	9/29/2011
6583-40	US	Launched Application Inserted Into the Stack	13/247,402	9/28/2011
6583-41	US	Repositioning Applications in a Stack	13/247,749	9/28/2011
6583-42	US	Modal Launching	13/249,040	9/29/2011

SR Matter No.	Country	Title	Serial No.	Filed Date
6583-43	US	Filling Stack Opening in Display	13/247,480	9/28/2011
6583-44	US	Allowing Multiple Orientations in Dual Screen View	13/247,359	9/28/2011
6583-45	US	Rotation Gravity Drop	13/222,902	8/31/2011
6583-46	US	Dual-Screen View in Response to Rotation	13/247,787	9/28/2011
6583-47	US	Single-Screen View in Response to Rotation	13/247,797	9/28/2011
6583-48	US	Modals in Dual Display Communication Devices	13/247,311	9/28/2011
6583-49	US	Multiple Child Windows in Dual Display Communication Devices	13/247,823	9/28/2011
6583-50	US	Multi-Screen Display Control	13/222,888	8/31/2011
6583-51	US	Managing Expose Views in Dual Display Communication Devices	13/247,514	9/28/2011
6583-52	US	Long Drag Gesture in User Interface	13/223,747	9/1/2011
6583-53	US	Drag/Flick Gestures in User Interface	13/223,674	9/1/2011
6583-54	US	Off-Screen Gesture Dismissable Keyboard	13/247,822	9/28/2011
6583-55	US	Keyboard Spanning Multiple Screens	13/247,741	9/28/2011
6583-56	US	Keyboard Filling One Screen or Spanning Multiple Screens of a Multiple Screen Device	13/247,744	9/28/2011
6583-57	US	Focus Change Dismisses Virtual Keyboard on a Multiple Screen Device	13/247,824	9/28/2011
6583-58	US	Keyboard Fills Bottom Screen on Rotation of a Multiple Screen Device	13/247,751	9/28/2011
6583-59	US	Gravity Drop Rules and Keyboard Display on a Multiple Screen Device	13/247,827	9/28/2011
6583-60	US	Keyboard Operation on Application Launch	13/247,829	9/28/2011
6583-61	US	Keyboard Maximization	13/247,839	9/28/2011
6583-62	US	Keyboard Dismissed on Closure of Device	13/247,836	9/28/2011
6583-63	US	Pinch Gesture to Swap Windows	13/223,809	9/1/2011
6583-64	US	Flick Move Gesture in User Interface	13/223,727	9/1/2011
6583-65	US	Drag Move Gesture in User Interface	13/223,697	9/1/2011
6583-66	US	Repositioning Windows in the Pop-Up Window	13/247,369	9/28/2011
6583-67	US	Full-Screen Annunciator	13/247,708	9/28/2011
6583-68	US	Annunciator Drawer	13/247,719	9/28/2011
6583-69	US	Dual Screen Application Visual Indicator	13/247,728	9/28/2011
6583-70	US	Dragging an Application to a Screen Using the Application Manager	13/247,388	9/28/2011
6583-71	US	Opening Child Windows in Dual Display Communication Devices	13/248,199	9/29/2011
6583-72	US	Managing Hierarchically Related Windows in a Single Display	13/248,450	9/29/2011
6583-73	US	Method and System for Performing Copy-Paste Operations on a Device Via User Gestures	13/247,955	9/28/2011
6583-74	US	Method and System for Performing Drag and Drop Operations on a Device Via User Gestures	13/247,949	9/28/2011
6583-75	US	Universal Clipboard	13/247,801	9/28/2011
6583-76	US	Smartpad Orientation	13/247,581	9/28/2011
6583-77	US	Smartpad Split Screen	13/247,606	9/28/2011

SR Matter No.	Country	Title	Serial No.	Filed Date
6583-78	US	Smartpad Split Screen with Keyboard	13/247,621	9/28/2011
6583-79	US	Smartpad Split Screen	13/247,634	9/28/2011
6583-80	US	Smartpad Split Screen	13/247,647	9/28/2011
6583-81	US	Desktop Reveal	13/247,663	9/28/2011
6583-82	US	Smartpad Split Screen Desktop	13/247,696	9/28/2011
6583-83	US	Smartpad Split Screen Desktop	13/247,711	9/28/2011
6583-84	US	Smartpad Split Screen Desktop	13/247,724	9/28/2011
6583-85	US	Visible Card Stack	13/247,733	9/28/2011
6583-87	US	Dual Screen Electronic Device	29/406,773	11/18/2011
6583-88	US	Dual Screen Electronic Device	29/406,772	11/18/2011
6583-89	US	Dual Screen Electronic Device	29/406,771	11/18/2011
6583-90	US	Dual Screen Electronic Device	29/406,770	11/18/2011
6583-91	US	Display Screen Icons	29/406,768	11/18/2011
6583-92	US	Display Screen Icons	29/406,766	11/18/2011
6583-93	US	Display Screen Icons	29/406,765	11/18/2011
6583-94	US	Display Screen Icons	29/406,764	11/18/2011
6583-95	US	Dual Screen Electronic Device	29/406,763	11/18/2011
6583-96	US	Dual Screen Electronic Device	29/406,760	11/18/2011
6583-97	US	Dual Screen Electronic Device	29/406,759	11/18/2011
6583-98	US	Swipeable Key Line	13/223,056	8/31/2011
6583-106	US	User Feedback to Indicate Transitions Between Open and Closed States	13/346,475	1/9/2012
6583-107	US	Displaying of Charging Status on Dual Screen Device	13/341,666	12/30/2011
6583-108	US	Displaying of Charging Status on Dual Screen Device	13/341,634	12/30/2011
6583-109	US	Handset States and State Diagrams: Open, Closed Transitional and Easel	13/341,681	12/30/2011
6583-110	US	Displayed Image Transition Indicator	13/223,778	9/1/2011
6583-111	US	Detail on Triggers: Transitional States	13/341,694	12/30/2011
6583-112	US	State of Screen Info: Easel	13/341,709	12/30/2011
6583-113	US	Secondary Single Screen Mode Activation Through Menu Option	13/341,721	12/30/2011
6583-114	US	Secondary Single Screen Mode Activation Through Off-Screen Gesture Area Activation	13/362,789	1/31/2012
6583-115	US	Secondary Single Screen Mode Activation Through User Interface Toggle	13/341,735	12/30/2011
6583-116	US	Secondary Single Screen Mode	13/341,749	12/30/2011
6583-117	US	Secondary Single Screen Mode Activation Through User Interface Activation	13/341,762	12/30/2011
6583-119	US	Browser Full Screen View	13/418,120	3/12/2012
6583-120	US	Minimizing and Maximizing Between Portrait Dual Display and Portrait Single Display	13/366,483	2/6/2012
6583-143-PROV	US	Mobile Device	61/539,884	9/27/2011
6583-173	US	Windows Position Control for Phone Applications	13/364,475	2/2/2012
6583-181	US	Display Notifications on a dual Screen Device	13/365,157	2/2/2012

SR Matter No.	Country	Title	Serial No.	Filed Date
6583-182	US	Display Status of Notifications on a Dual Screen Device	13/365,153	2/2/2012
6583-183	US	Displaying Categories of Notifications on a Dual Screen Device	13/365,148	2/2/2012
6583-184	US	Desktop Application Manager: Card Dragging of Dual Screen Cards	13/364,118	2/1/2012
6583-185	US	Desktop Application Manager: Tapping Dual-Screen Cards	13/364,132	2/1/2012
6583-186	US	Windows Position Control for Phone Applications	13/364,470	2/2/2012
6583-187	US	Windows Position Control For Phone Applications	13/364,485	2/2/2012
6583-188	US	Windows Position Control for Phone Applications	13/364,492	2/2/2012
6583-189	US	Windows Position Control for Phone Applications	13/364,500	2/2/2012
6583-190	US	Windows Position Control for Phone Applications	13/364,505	2/2/2012
6583-191	US	Windows Position Control for Phone Applications	13/364,524	2/2/2012
6583-192	US	Windows Position Control For Phone Applications	13/436,442	3/30/2012
6583-193	US	Windows Position Control For Phone Applications	13/436,562	3/30/2012
6583-194	US	Unified Desktop Status Notifications	13/408,530	2/29/2012
6583-195	US	Unified Desktop Freeform Window Mode	13/436,593	3/30/2012
6583-203	US	Activating Applications in Portions of Unified Desktop	13/410,931	3/2/2012
6583-204	US	Opening Applications in Unified Desktop	13/410,958	3/2/2012
6583-205	US	Activating Applications in Unified Desktop	13/410,983	3/2/2012
6583-206	US	Application Manager in a Unified Desktop	13/411,034	3/2/2012
6583-207	US	Displaying a Unified Desktop Across Connected Devices	13/411,075	3/2/2012
6583-208	US	Displaying a Unified Desktop Across Devices	13/436,823	3/30/2012
6583-209	US	Handling Applications on a Unified Desktop	13/436,826	3/30/2012
6583-257	US	Desktop Application Manager: Card Dragging of Dual Screen Cards - Smartpad	13/364,152	2/1/2012
6583-300	US	Smartpad Screen Management	13/408,828	2/29/2012
6583-301	US	Smartpad Screen Modes	13/408,839	2/29/2012



**APPENDIX B**

<b>SR Matter No.</b>	<b>Country</b>	<b>Title</b>	<b>Serial No.</b>	<b>Filed Date</b>
6583-13-PCT	WO	Hardware Buttons Activated Based on Focus	PCT/US11/53924	9/29/2011
6583-17-PCT	WO	Window Stack Models for Multi-Screen Displays	PCT/US11/53805	9/29/2011
6583-18-PCT	WO	Displaying the Desktop Upon Device Open	PCT/US11/53953	9/29/2011
6583-19-PCT	WO	Screen Shuffle	PCT/US11/53806	9/29/2011
6583-20-PCT	WO	Modifying the Display Stack Upon Device Open	PCT/US11/53929	9/29/2011
6583-21-PCT	WO	Changing the Screen Stack Upon Application Open	PCT/US11/53945	9/29/2011
6583-22-PCT	WO	Window Stack Modification in Response to Orientation Change	PCT/US11/53851	9/29/2011
6583-23-PCT	WO	Changing the Screen Stack Upon Desktop Reveal	PCT/US11/53939	9/29/2011
6583-24-PCT	WO	Desktop Reveal Expansion	PCT/US11/53861	9/29/2011
6583-25-PCT	WO	Launching Applications Into Revealed Desktop	PCT/US11/53855	9/29/2011
6583-26-PCT	WO	Dual Screen Application Behaviour	PCT/US11/53849	9/29/2011
6583-27-PCT	WO	Gravity Drop	PCT/US11/53844	9/29/2011
6583-28-PCT	WO	Application Display Transitions Between Single and Multiple Displays	PCT/US11/53942	9/29/2011
6583-29-PCT	WO	Gesture Capture for Manipulation of Presentations on One or More Device Displays	PCT/US11/53937	9/29/2011
6583-30-PCT	WO	Method and System for Viewing Stacked Screen Displays Using Gestures	PCT/US11/53948	9/29/2011
6583-31-PCT	WO	Desktop Reveal By Moving a Logical Display Stack With Gestures	PCT/US11/53889	9/29/2011
6583-32-PCT	WO	Changing Stack When Swapping	PCT/US11/53893	9/29/2011
6583-33-PCT	WO	Sleep State for Hidden Windows	PCT/US11/53933	9/29/2011
6583-34-PCT	WO	Method and Apparatus for Showing Stored Window Display	PCT/US11/53919	9/29/2011
6583-35-PCT	WO	Method and Apparatus for Moving Display During a Device Flip	PCT/US11/53917	9/29/2011
6583-40-PCT	WO	Launched Application Inserted Into the Stack	PCT/US11/53891	9/29/2011
6583-44-PCT	WO	Allowing Multiple Orientations in Dual Screen View	PCT/US11/53884	9/29/2011
6583-45-PCT	WO	Rotation Gravity Drop	PCT/US11/53839	9/29/2011
6583-46-PCT	WO	Dual-Screen View in Response to Rotation	PCT/US11/53914	9/29/2011
6583-47-PCT	WO	Single Screen View in Response to Rotation	PCT/US11/53902	9/29/2011
6583-48-PCT	WO	Modals in Dual Display Communication Devices	PCT/US11/54032	9/29/2011
6583-52-PCT	WO	Long Drag Gesture in User Interface	PCT/US11/53771	9/28/2011
6583-53-PCT	WO	Drag/Flick Gestures in User Interface	PCT/US11/53773	9/28/2011
6583-55-PCT	WO	Keyboard Spanning Multiple Screens	PCT/US11/53905	9/29/2011
6583-56-PCT	WO	Keyboard Filling One Screen or Spanning Multiple Screens of a Multiple Screen Device	PCT/US11/53896	9/29/2011



SR Matter No.	Country	Title	Serial No.	Filed Date
6583-58-PCT	WO	Keyboard Fills Bottom Screen on Rotation of a Multiple Screen Device	PCT/US11/53880	9/29/2011
6583-61-PCT	WO	Keyboard Maximization	PCT/US11/53875	9/29/2011
6583-63-PCT	WO	Pinch Gesture to Swap Windows	PCT/US11/53776	9/28/2011
6583-64-PCT	WO	Flick Move Gesture in User Interface	PCT/US11/53779	9/28/2011
6583-65-PCT	WO	Drag Move Gesture in User Interface	PCT/US11/53781	9/28/2011
6583-66-PCT	WO	Repositioning Windows in the Pop-Up Window	PCT/US11/53963	9/29/2011
6583-70-PCT	WO	Dragging an Application to a Screen Using the Application Manager	PCT/US11/53898	9/29/2011
6583-73-PCT	WO	Method and System for Performing Copy-Paste Operations on a Device Via User Gestures	PCT/US11/53951	9/29/2011
6583-74-PCT	WO	Method and System for Performing Drag and Drop Operations on a Device Via User Gestures	PCT/US11/53960	9/29/2011
6583-75-PCT	WO	Universal Clipboard	PCT/US11/53906	9/29/2011
6583-76-PCT	WO	Smartpad Orientation	PCT/US11/54039	9/29/2011
6583-77-PCT	WO	Smartpad Split Screen	PCT/US11/54046	9/29/2011
6583-78-PCT	WO	Smartpad Split Screen with Keyboard	PCT/US11/54042	9/29/2011

**APPENDIX C**

<b>SR Matter No.</b>	<b>Country</b>	<b>Title</b>	<b>Serial #</b>	<b>Filed Date</b>
6583-87-CN	CN	Dual Screen Electronic Device	201230178500.6	5/17/2012
6583-87-EU	EU	Dual Screen Electronic Device	forthcoming	5/16/2012
6583-88-CN	CN	Dual Screen Electronic Device	201230178485.5	5/17/2012
6583-88-EU	EU	Dual Screen Electronic Device	forthcoming	5/16/2012
6583-89-CN	CN	Dual Screen Electronic Device	201230178505.9	5/17/2012
6583-89-EU	EU	Dual Screen Electronic Device	forthcoming	5/16/2012
6583-90-CN	CN	Dual Screen Electronic Device	201230178509.7	5/17/2012
6583-90-EU	EU	Dual Screen Electronic Device	forthcoming	5/16/2012
6583-95-CN	CN	Dual Screen Electronic Device	201230178545.3	5/17/2012
6583-95-EU	EU	Dual Screen Electronic Device	forthcoming	5/16/2012
6583-96-CN	CN	Dual Screen Electronic Device	201230178546.8	5/17/2012
6583-96-EU	EU	Dual Screen Electronic Device	forthcoming	5/16/2012
6583-97-CN	CN	Dual Screen Electronic Device	201230178567.X	5/17/2012
6583-97-EU	EU	Dual Screen Electronic Device	forthcoming	5/16/2012