

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Miyuki Kuroiwa</td> <td>03/15/2012</td> </tr> <tr> <td>Kenny Kin Wah Lau</td> <td>03/15/2012</td> </tr> </tbody> </table>		Name	Execution Date	Miyuki Kuroiwa	03/15/2012	Kenny Kin Wah Lau	03/15/2012				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>SONY CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>1-7-1 Konan, Minato-Ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>108-0075</td> </tr> </table>		Name:	SONY CORPORATION	Street Address:	1-7-1 Konan, Minato-Ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	108-0075
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: (732)935-7122          Phone: 732-935-7100          Email: lzaveta@mtiplaw.com  <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Raymond R. Moser, Jr.          Address Line 1: 1030 Broad Street          Address Line 2: Suite 203          Address Line 4: Shrewsbury, NEW JERSEY 07702</p>											
ATTORNEY DOCKET NUMBER:	SCA4217										
NAME OF SUBMITTER:	Raymond R. Moser, Jr.										
Total Attachments: 3 source=SCA4217_Assignment#page1.tif source=SCA4217_Assignment#page2.tif source=SCA4217_Assignment#page3.tif											

OP \$40.00 13425248

**ASSIGNMENT**

**WHEREAS, I/We**, as a below named inventor(s), am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in

**METHOD AND APPARATUS FOR MODE SWITCHING OF INTERFACE PORTS**

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name;

**AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 1-7-1 Konan, Minato-Ku, Tokyo, Japan, 108-0075** (hereinafter referenced as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefore in the United States and in any and all foreign countries;

**NOW THEREFORE**, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

And I hereby authorize and request my attorney(s) of record in this application to insert the execution date, serial number and filing date of this application in the spaces that follow: Serial Number: 13/425,248, Filing Date: March 20, 2012.

This assignment is being executed on the date indicated below.

*Miyuki Kuroiwa*  
 MIYUKI KUROIWA

Dated: 3/15/12

STATE OF California )  
 ) ss.  
 COUNTY OF San Diego )

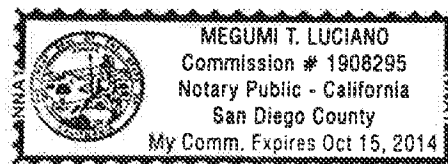
On March 15, 2012 before me, Megumi T. Luciano,  
 (Date) (name and title) (notary public)  
 personally appeared Miyuki Kuroiwa  
 name(s) of signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

Witness my hand and office seal.

*Megumi T. Luciano*  
 Notary Public



This assignment is being executed on the date indicated below.

  
 \_\_\_\_\_  
 KENNY KIN WAH LAU

Dated: 3/15/2012

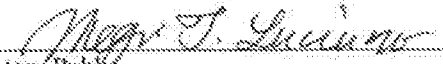
STATE OF California )  
 ) ss.  
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On March 15, 2012 before me, Megumi T. Luciano,  
 (Date) (name and title) (notary public)  
 personally appeared Kenny Kin Wah Lau  
 name(s) of signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies); and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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