

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Leo Pedlow	03/15/2011
Ling Jun Wong	03/15/2011
True Xiong	03/15/2011

RECEIVING PARTY DATA

Name:	Sony Corporation
Street Address:	1-7-1 Konan, Minato-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	108-0075

Name:	Sony Network Entertainment International LLC
Street Address:	6080 Center Drive
City:	Los Angeles
State/Country:	CALIFORNIA
Postal Code:	90045

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12982483

CORRESPONDENCE DATA

Fax Number: (908)518-7795
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 908-518-7700
 Email: jryan@mwpatentlaw.com
 Correspondent Name: Mark D. Wiczorek
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 Address Line 2: Mayer & Williams PC

CH \$40.00 12982483

Address Line 4: Westfield, NEW JERSEY 07090

ATTORNEY DOCKET NUMBER:	201003454.02
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NAME OF SUBMITTER:	Joanne Ryan
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Total Attachments: 3 source=201003454.02-assignment#page1.tif source=201003454.02-assignment#page2.tif source=201003454.02-assignment#page3.tif

ASSIGNMENT

WHEREAS, I, as a below named inventor, 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

**SECOND DISPLAY SUPPORT OF CHARACTER SET UNSUPPORTED ON
PLAYBACK DEVICE**

for which application for Letters Patent of the United States of America was filed with the United States Patent and Trademark Office on December 30, 2010 and accorded Serial No. 12/982,483;

AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 1-7-1 Konan, Minato-ku, Tokyo, 108-0075 Japan and Sony Network Entertainment International LLC, a Delaware corporation with offices at 6080 Center Drive, Los Angeles, CA 90045 (hereinafter referenced as ASSIGNEES) 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 therefor 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.

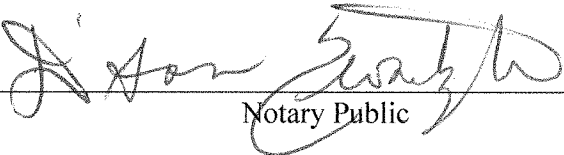
This assignment is being executed on the date indicated below.

Dated: 3/15/11

Sig. 
Leo PEDLOW


STATE OF CALIFORNIA)
COUNTY OF San Diego) ss.

On this 15 day of March, in the year of 2011, before me, D'Ann Swartzlander, Notary Public, personally appeared the above-named assignors, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is 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 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.


Notary Public

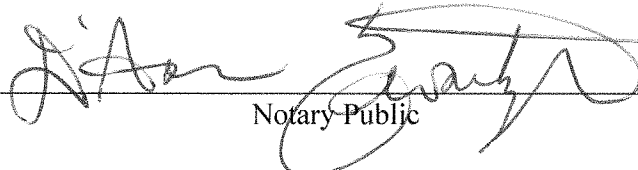


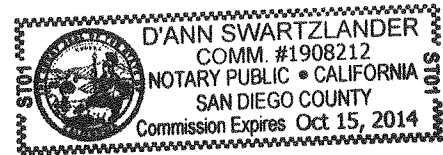
Dated: 3/15/11

Sig. 
Ling Jun WONG

STATE OF CALIFORNIA)
COUNTY OF San Diego) ss.

On this 15 day of March, in the year of 2011, before me, D'Ann Swartzlander, Notary Public, personally appeared the above-named assignors, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is 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 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.


Notary Public

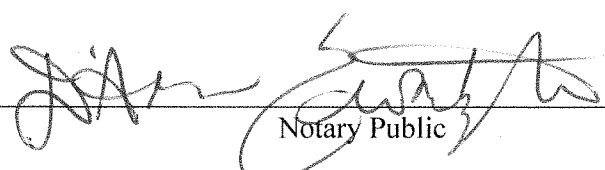


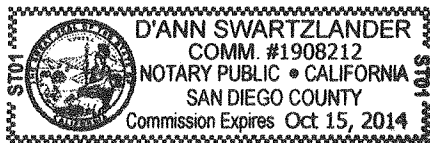
Dated: 3/15/11

Sig. 
True XIONG

STATE OF CALIFORNIA)
COUNTY OF San Diego) ss.

On this 15 day of March, in the year of 2011, before me, _____, Notary Public, personally appeared the above-named assignors, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is 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 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.


Notary Public



PATENT