

## 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>Jenke Wu Kuo</td> <td>08/30/2012</td> </tr> <tr> <td>Tanmay Agnihotri</td> <td>08/30/2012</td> </tr> <tr> <td>Aravind Babu Asam</td> <td>09/05/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jenke Wu Kuo	08/30/2012	Tanmay Agnihotri	08/30/2012	Aravind Babu Asam	09/05/2012				
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<table border="1"> <tr> <td>Name:</td> <td>Sony Corporation</td> </tr> <tr> <td>Street Address:</td> <td>1-7-1 Konan</td> </tr> <tr> <td>Internal Address:</td> <td>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	Internal Address:	Minato-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	108-0075
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CORRESPONDENCE DATA													
<p>Fax Number: 6193388078          Phone: 619-338-8075          Email: jennifer@rogitz.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: ROGITZ &amp; ASSOCIATES          Address Line 1: 750 B STREET          Address Line 2: SUITE 3120          Address Line 4: SAN DIEGO, CALIFORNIA 92101</p>													
ATTORNEY DOCKET NUMBER:	201104458.02												
NAME OF SUBMITTER:	John L. Rogitz												

OP \$40.00 13604930

Total Attachments: 4

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**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 **"INTERNET TV MODULE FOR ENABLING PRESENTATION AND NAVIGATION OF NON-NATIVE USER INTERFACE ON TV HAVING NATIVE USER INTERFACE USING EITHER TV REMOTE CONTROL OR MODULE REMOTE CONTROL"**; 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 assignees 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;

Docket No. 201104458.02

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: 13/604,930, Filing Date: September 6, 2012.

This assignment is being executed on the date indicated below.

Jenke Wu Ku Dated: 8/30/2012  
JENKE WU KUO

STATE OF California ss.

COUNTY OF San Diego

On August 30, 2012 before me, Charla J. Donovan, Notary Public.  
(Date) (name and title) (notary public)

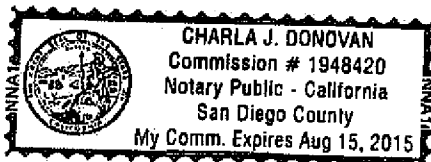
Personally appeared Jenke Wu Kuo  
name(s) of signer(s)

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.

Charla J. Donovan  
Notary Public



Docket No. 201104458.02

Agnihotri  
TANMAYAGNIHOTRI

Dated: 8/30/2012

STATE OF California  
COUNTY OF San Diego ss.

On August 30, 2012 before me, Charla J. Donovan, Notary Public  
(Date) (name and title) (notary public)

Personally appeared Tanmay Agnihotri  
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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Witness my hand and office seal.

Charla J. Donovan  
Notary Public



Docket No. 201104458.02

Aravind  
ARAVIND BABU ASAM

Dated: 09/05/2012

STATE OF California

COUNTY OF San Diego ss.

On September 5, 2012 before me, Charla J. Donovan, Notary Public  
(Date) (name and title) (notary public)

Personally appeared Aravind Babu Asam  
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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