

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Yutaka Higo</td> <td>10/24/2012</td> </tr> <tr> <td>Masanori Hosomi</td> <td>10/24/2012</td> </tr> <tr> <td>Hiroyuki Ohmori</td> <td>10/24/2012</td> </tr> <tr> <td>Kazuhiro Bessho</td> <td>10/24/2012</td> </tr> <tr> <td>Tetsuya Asayama</td> <td>10/24/2012</td> </tr> <tr> <td>Kazutaka Yamane</td> <td>10/25/2012</td> </tr> <tr> <td>Hiroyuki Uchida</td> <td>10/24/2012</td> </tr> </tbody> </table>		Name	Execution Date	Yutaka Higo	10/24/2012	Masanori Hosomi	10/24/2012	Hiroyuki Ohmori	10/24/2012	Kazuhiro Bessho	10/24/2012	Tetsuya Asayama	10/24/2012	Kazutaka Yamane	10/25/2012	Hiroyuki Uchida	10/24/2012
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RECEIVING PARTY DATA																	
Name:	Sony Corporation																
Street Address:	1-7-1 Konan, Minato-ku																
City:	Tokyo																
State/Country:	JAPAN																
Postal Code:	108-0075																
PROPERTY NUMBERS Total: 1																	
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13675725</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13675725												
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CORRESPONDENCE DATA																	
Fax Number:	2029553751																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone:	202-955-3750																
Email:	kas@raderfishman.com																
Correspondent Name:	RADER FISHMAN & GRAUER PLLC																
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Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20036																
ATTORNEY DOCKET NUMBER:	SON-5242																

CH \$40.00 13675725

NAME OF SUBMITTER:	Christopher M. Tobin/kas
	This document serves as an Oath/Declaration (37 CFR 1.63).
<p>Total Attachments: 7 source=DC532506#page1.tif source=DC532506#page2.tif source=DC532506#page3.tif source=DC532506#page4.tif source=DC532506#page5.tif source=DC532506#page6.tif source=DC532506#page7.tif</p>	

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention

MEMORY ELEMENT AND MEMORY APPARATUS

As the below named inventor, I hereby declare that:

This declaration is directed to:

The attached application, or

United States application or PCT international application number _____
filed on _____.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

WHEREAS, SONY CORPORATION, with offices at 1-7-1 KONAN, MINATO-KU, TOKYO, 108-0075, JAPAN (hereinafter referred to 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 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 by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in 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 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 said 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.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

LEGAL NAME OF INVENTOR

Inventor: YUTAKA HIGO

Date: October 24, 2012

Signature: Yutaka Higo

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LEGAL NAME OF INVENTOR

Inventor: MASANORI HOSOMI

Date: October 24, 2012

Signature: Masanori Hosomi

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LEGAL NAME OF INVENTOR

Inventor: HIROYUKI OHMORI Date: October 24, 2012

Signature: Hiroyuki Ohmori

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LEGAL NAME OF INVENTOR

Inventor: KAZUHIRO BESSHO

Date: October 24, 2012

Signature: Kazuhiro Bessho

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LEGAL NAME OF INVENTOR

Inventor: TETSUYA ASAYAMA

Date: 26th Oct. 2012

Signature: Tetsuya Asayama

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LEGAL NAME OF INVENTOR

Inventor: KAZUTAKA YAMANE Date: October 25, 2012

Signature: Kazutake Yamane

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LEGAL NAME OF INVENTOR

Inventor: HIROYUKI UCHIDA

Date: October 24, 2012

Signature: Hiroyuki Uchida

PATENT

RECORDED: 11/13/2012

REEL: 029290 FRAME: 0066