

## 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>Hiroaki Sei</td> <td>05/22/2013</td> </tr> <tr> <td>Kazuhiro Ohba</td> <td>05/22/2013</td> </tr> <tr> <td>Takeyuki Sone</td> <td>05/22/2013</td> </tr> <tr> <td>Minoru Ikarashi</td> <td>05/22/2013</td> </tr> </tbody> </table>		Name	Execution Date	Hiroaki Sei	05/22/2013	Kazuhiro Ohba	05/22/2013	Takeyuki Sone	05/22/2013	Minoru Ikarashi	05/22/2013
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Hiroaki Sei	05/22/2013										
Kazuhiro Ohba	05/22/2013										
Takeyuki Sone	05/22/2013										
Minoru Ikarashi	05/22/2013										
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>13912996</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13912996						
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Application Number:	13912996										
CORRESPONDENCE DATA											
Fax Number:	3128767934										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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Correspondent Name:	Dentons US LLP										
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NAME OF SUBMITTER:	Susan Farley										
Signature:	/susan farley/										

Date:

06/10/2013

**Total Attachments: 4**

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**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

**STORAGE DEVICE AND STORAGE UNIT**

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: HIROAKI SEI

Date: May 22, 2013

Signature: Hiroaki Sei

PATENT

REEL: 030576 FRAME: 0205

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LEGAL NAME OF INVENTOR

Inventor: KAZUHIRO OHBA

Date: May 22, 2013

Signature: Kazuhiro Ohba

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LEGAL NAME OF INVENTOR

Inventor: TAKEYUKI SONE

Date: May 22, 2013

Signature: Takeyuki Sone

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LEGAL NAME OF INVENTOR

Inventor: MINORU IKARASHI Date: \_\_\_\_\_

Signature: Mimoru Ikarashi May 22, 2013