

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4074886

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YUTAKA HIGO	04/16/2014
MASANORI HOSOMI	04/16/2014
HIROYUKI OHMORI	04/16/2014
KAZUHIRO BESSHO	04/16/2014
TETSUYA ASAYAMA	04/21/2014
KAZUTAKA YAMANE	04/16/2014
HIROYUKI UCHIDA	04/16/2014
RECEIVING PARTY DATA	
Name:	Sony Corporation
Street Address:	1-7-1 Konan, Minato-ku
City:	Tokyo
State/Country:	JAPAN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14987215
CORRESPONDENCE DATA	
Fax Number:	(312)827-8185
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	312-372-1121
Email:	chicago.patents@klgates.com
Correspondent Name:	K&L GATES
Address Line 1:	P.O. BOX 1135
Address Line 4:	CHICAGO, ILLINOIS 60690-1135
NAME OF SUBMITTER:	JEFFREY M. INGALLS
SIGNATURE:	/jeffrey m. ingalls/
DATE SIGNED:	09/29/2016
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 7	

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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 ELEMENT AND MEMORY

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 PCT/JP2012/007416
filed on 2012/11/19

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 therein;

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
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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: April 16, 2014

Signature: Yutaka Higo

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LEGAL NAME OF INVENTOR

Inventor: MASANORI HOSOMI

Date:

April 16, 2014

Signature:

Masanori Hosomi

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LEGAL NAME OF INVENTOR

Inventor: HIROYUKI OHMORI

Date: April 16, 2014

Signature: Hiroyuki Ohmori

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Title of Invention	STORAGE ELEMENT AND MEMORY
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This declaration is directed to:	<input type="checkbox"/> The attached application, or <input checked="" type="checkbox"/> United States application or PCT international application number <u>PCT/JP2012/007416</u> filed on <u>2012/11/19</u>
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.	
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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 therein;	
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LEGAL NAME OF INVENTOR	
Inventor: <u>KAZUHIRO BESSHO</u>	Date: <u>April 16, 2014</u>
Signature: <u>Kazuhiko Bessho</u>	

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Title of Invention	STORAGE ELEMENT AND MEMORY
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This declaration is directed to: The attached application, or United States application or PCT international application number PCT/JP2012/007416 filed on 2012/11/19

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LEGAL NAME OF INVENTOR
Inventor: TETSUYA ASAYAMA Date: 2/15/14
Signature: Tetsuya Asayama

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 ELEMENT AND MEMORY
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LEGAL NAME OF INVENTOR
Inventor: KAZUTAKA YAMANE Date: April 16, 2014
Signature: Kazutaka Yamane

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LEGAL NAME OF INVENTOR

Inventor: HIROYUKI UCHIDA

Date: April 16, 2014

Signature: Hiroyuki Uchida