504994883 07/09/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5041631

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YOHEI HIURA	06/28/2018
HIDETOSHI OISHI	06/26/2018
SHIGETAKA MORI	06/28/2018

RECEIVING PARTY DATA

Name:	SONY CORPORATION
Street Address:	1-7-1 KONAN
Internal Address:	MINATO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	1080075

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16064118

CORRESPONDENCE DATA

Fax Number: (312)803-4960

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.

Email: docketing@chiplawgroup.com

Correspondent Name: CHIP LAW GROUP
Address Line 1: 155 N WACKER DR

Address Line 2: SUITE 4250

Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	SP365277US00
NAME OF SUBMITTER:	PRAMOD CHINTALAPOODI
SIGNATURE:	/Pramod Chintalapoodi/
DATE SIGNED:	07/09/2018

Total Attachments: 3

source=SP365277US00_DecAssign#page1.tif source=SP365277US00_DecAssign#page2.tif source=SP365277US00_DecAssign#page3.tif

PATENT 504994883 REEL: 046297 FRAME: 0295

Attorney Bocket No.: Sony Ref. No.: SP365277US00

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	SEMICONDUCTOR DEVICE, MEASUREMENT DEVICE, MEASUREMENT METHOD, AND SEMICONDUCTOR SYSTEM	
As the helow	named inventor, I hereby declare that:	
This declarates is directed to	The attached conflictive or	
The above-id	United States application or PCT international application number PCT/IP2016/088380 illed on 2016/12/22 dentified application was made or authorized to be made by me.	
I believe that	A are the original inventor or an original joint inventor of a claimed invention in the application.	
WHEREAS,		
acquiring all	ONAN, MINATO-KU, TOKYO, 108-0075, JAPAN (hereinafter referred to as ASSIGNEE), is desirous of interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar ion 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 accuse 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 designer, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remaneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and continues 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 filling 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 propers 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 encombrance 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:	YOHEI HIURA Date: 2018/6/28	
Signature: Yokel Hiwa		

PATENT REEL: 046297 FRAME: 0296

Attorney Docket No.: Sony Ref. No.: SP365277US00

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	SEMICONDUCTOR DEVICE, MEASUREMENT DEVICE, MEASUREMENT METHOD, AND SEMICONDUCTOR SYSTEM
As the below	named inventor, I hereby declare that:
This declarati	The attached austication or
	United States application or PCT international application number PCT/JP2016/088380 filed on 2016/12/22
	entified application was made or authorized to be made by me:
	I am the original inventor or an original joint inventor of a claimed invention in the application. SONY CORPORATION , with offices at
1-7-1 KC	SONY CORPORATION , with offices at NAN, 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:	HIDETOSHI OISHI Date: 20/8 / 6 / 2 6
Signature:	Hidetochi Oliki

PATENT REEL: 046297 FRAME: 0297

Atterney Docket No.; Sony Ref. No.; SP365277US00

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	SEMICONDUCTOR DEVICE, MEASUREMENT DEVICE, MEASUREMENT METHOD, AND SEMICONDUCTOR SYSTEM	
As the below	v named inventor, Thereby doctare that:	
This declarat is directed to	The appropriate regularities are	
The above id	United States application or PCT international application number PCT/JP2016/088380 filed on	
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	
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	ONAN, MINATO-KU, TOKYO, 108-0075, JAPAN (hereinafter referred to as ASSIGNEE), is desirous of	
	interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar ion 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 emite 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 Projection 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 in 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 desimble and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its accessors, assigns and legal representatives may from time-to-time present to me and without further remaneration, 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 remaneration, 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 propare 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 ensumbrance has been or will be made or emered 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:	SHIGETAKA MORI Date: 20/8/6/23	
Signature:	"Ikipetaka "Moril	

**RECORDED: 07/09/2018** 

PATENT REEL: 046297 FRAME: 0298