### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT7555951

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
YUKA NAKAMOTO	03/09/2018
YUKIHIRO SAYAMA	03/09/2018
NOBUYUKI OHBA	03/09/2018
SINTARO NAKAJIKI	03/09/2018

#### **RECEIVING PARTY DATA**

Name:	SONY SEMICONDUCTOR SOLUTIONS CORPORATION	
Street Address:	4-14-1, ASAHI-CHO, ATSUGI-SHI	
City:	KANAGAWA	
State/Country:	JAPAN	
Postal Code:	2430014	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17951812

#### **CORRESPONDENCE DATA**

Fax Number: (303)863-0223

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.

Phone: 3038639700

Email: sony@sheridanross.com SHERIDAN ROSS P.C. **Correspondent Name:** Address Line 1: 1560 BROADWAY

Address Line 2: **SUITE 1200** 

Address Line 4: DENVER, COLORADO 80202

ATTORNEY DOCKET NUMBER:	6810-1340-CON-3
NAME OF SUBMITTER:	YUKIKO BENNYHOFF
SIGNATURE:	/Yukiko Bennyhoff/
<b>DATE SIGNED:</b> 09/23/2022	
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 4** 

**PATENT REEL: 061197 FRAME: 0728** 

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source=20220923\_Oath\_Assignment\_6810\_1340\_CON\_3#page1.tif source=20220923\_Oath\_Assignment\_6810\_1340\_CON\_3#page2.tif source=20220923\_Oath\_Assignment\_6810\_1340\_CON\_3#page3.tif source=20220923\_Oath\_Assignment\_6810\_1340\_CON\_3#page4.tif

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

1 B/ 2 B/ 2 '8 '8 '8 '8 ' 8 ' 8 ' 8 ' 8 ' 8 ' 8 '	Title of Invention	
As the below named inventor, I hereby declare that:	As the below	
This declaration s directed to:  The attached application, or	This declarati	
United States application or PCT international application number PCT/JP2016/080219 filed on 2016/10/12		
The above-identified application was made or authorized to be made by me.	The above-id	
believe that I am the original inventor or an original joint inventor of a claimed invention in the application.  WHEREAS, SONY SEMICONDUCTOR SOLUTIONS CORPORATION , with offices at	WHEREAS,	
4-14-1 Asahi-cho, Atsugi-shi, Kanagawa, Japan (hereinafter referred to as ASSIGNEE), is desirous of	***************************************	
equiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar egal 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 accouning or to accrue to me with respect to the filling 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: yuka nakamoto Date: March 9, 2018	Inventor:	
Signature: Upika Nakamoto	Signature:	

## 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 SOLID-STATE IMAGING DEVICE, MANUFACTURING METHOD THEREOF, AND ELECTRONIC DEVICE		
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/JP2016/080219 filed on 2016/10/12		
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 SEMICONDUCTOR SOLUTIONS CORPORATION , with offices at		
4-14-1 Asahi-cho, Atsugi-shi, Kanagawa, 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: yukihiro sayama Date: 20(8/63/09		
Signature: Yukihivo Sayawa		

# 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	SOLID-STATE IMAGING DEVICE, MAN ELECTRONIC DEVICE	UFACTURING METHOD THEREOF, AND
As the below	named inventor, I hereby declare that:	
This declarati	The attended application or	
	filed on 2016/10/12	application number PCT/JP2016/080219
The above-id	lentified application was made or authorized to be made by me,	
I believe that WHEREAS.	I am the original inventor or an original joint inventor of a claim SONY SEMICONDUCTOR SOLUTIONS CORP	* *
4-14-1 A	sahi-cho, Atsugi-shi, Kanagawa, Japan	(hereinafter referred to as ASSIGNEE), is desirous of
	interest in, to and under said invention, said application disclosi on which may be granted therefor in the United States and in any	ng the invention and in, to and under any Letters Patent or similar vand 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 filling 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.		
•	nowledge that any willful false statement made in this declaration five (5) years, or both.	on is punishable under 18 U.S.C. 1001 by fine or imprisonment of
LEGAL NAM	ME OF INVENTOR	2
Inventor:	NOBUYUKI OHBA	Date: March 9, 20/8
Signature:	Nobayuhi Ohba	

### 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	SOLID-STATE IMAGING DEVICE, MANUFACTUI ELECTRONIC DEVICE	RING METHOD THEREOF, AND
As the below	ow named inventor, I hereby declare that:	
This declarati	The attached application or	
	United States application or PCT international application number of the filed on2016/10/12	nber PCT/JP2016/080219
The above-id	identified application was made or authorized to be made by me.	
I believe that WHEREAS,	nat I am the original inventor or an original joint inventor of a claimed invention in SONY SEMICONDUCTOR SOLUTIONS CORPORATION	n the application, with offices at
4-14-1 A	Asahi-cho, Atsugi-shi, Kanagawa, Japan (	hereinafter referred to as ASSIGNEE), is desirous of
	all interest in, to and under said invention, said application disclosing the invention which may be granted therefor in the United States and in any and all foreig	n and in, to and under any Letters Patent or similar
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.		
-	knowledge that any willful false statement made in this declaration is punishable an five (5) years, or both.	e under 18 U.S.C. 1001 by fine or imprisonment of
LEGAL NAN	AME OF INVENTOR	
Inventor:	sintaro nakajiki	Date: 20/8/3/9
Signature:	<del>Shi</del> Sintare Nakajiki	

2018/319 Sn

RECORDED: 09/23/2022