### 505598787 07/31/2019

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5645588

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JUNICHIRO FUJIMAGARI	07/09/2019
TOMOHIRO OHKUBO	07/09/2019

#### **RECEIVING PARTY DATA**

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

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

Property Type	Number
Application Number:	16482435

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	SP368477US00	
NAME OF SUBMITTER:	PRAMOD CHINTALAPOODI	
SIGNATURE:	/Pramod Chintalapoodi/	
DATE SIGNED:	07/31/2019	

**Total Attachments: 2** 

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PATENT 505598787 REEL: 049917 FRAME: 0297

# 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 IMAGE PICKUP ELEMENT, ELECTRONIC EQUIPM SEMICONDUCTOR APPARATUS	IENT, AND	
As the below	low named inventor, I hereby declare that:		
	This declaration		
	United States application or PCT international application number PCT/JP2018/00 filed on 2018/02/19	5651	
The above-id	e-identified application was made or authorized to be made by me.		
WHEREAS,	that I am the original inventor or an original joint inventor of a claimed invention in the application.  AS, SONY SEMICONDUCTOR SOLUTIONS CORPORATION	with offices at	
acquiring all	1 Asahi-cho, Atsugi-shi, Kanagawa, Japan (hereinafter referred to as A all interest in, to and under said invention, said application disclosing the invention and in, to and under any tection which may be granted therefor in the United States and in any and all foreign countries;		
of which are legal represer in and to any any and all pi Convention F adheres, and United States	IEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, if are hereby acknowledged. I by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its resematives, the entire right, title and interest in said invention, said application, including any divisions and c any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said all priority rights and/or convention rights under the International Convention for the Protection of Industrial on Relating to Patents. Designs and Industrial Models, and any other international agreements to which the land to any other benefits accruing or to accrue to me with respect to the filling of applications for patents or mates and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue staid ASSIGNEE, as the assignee of the whole right, title and interest thereto:	successors, assigns, and ontinuations thereof, and invention, and in and to Property, Inter-American United States of America securing of patents in the	
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 NA	NAME OF INVENTOR		
Inventor:		2019	
Signature:	" JUNICHIRO FUJIMAGARI		

PATENT REEL: 049917 FRAME: 0298

Attorney Docket No.: Sony Ref. No.: SP368477US00

# 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 IMAGE PICKUP ELEMENT, ELECTRONIC EQUIPMENT, AND SEMICONDUCTOR 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 PCT/JP2018/005651 filed on 2018/02/19		
The above-identified application was made or authorized to be made by me.		
I believe that I am the original inventor of an original joint inventor of a claimed invention in the application.  WHEREAS, SONY SEMICONDUCTOR SOLUTIONS CORPORATION , with offices a		
4-14-1 Asahi-cho, Atsugi-shi, Kanagawa, Japan (hereinafter referred to as ASSIGNEE), is desirous or		
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 coverant 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: TOMOHIRO OHKUBO Date: Today 9: 2019		
Signature: TOMOHTRO OHKUBO		

PATENT REEL: 049917 FRAME: 0299

**RECORDED: 07/31/2019**