PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2971919

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUUSUKE NISHIDA	07/22/2014
YASUAKI HISAMATSU	07/28/2014

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

Property Type	Number
Application Number:	14375864

CORRESPONDENCE DATA

Fax Number: (202)955-3751

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: (202) 955-3750

Email: kas@raderfishman.com

Correspondent Name: RADER FISHMAN & GRAUER, PLLC

Address Line 1: 1233 20TH STREET, N.W.

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ATTORNEY DOCKET NUMBER:	SON-5941
NAME OF SUBMITTER:	CHRISTOPHER M. TOBIN/KAS
SIGNATURE:	/Christopher M. Tobin/
DATE SIGNED:	08/07/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

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PATENT REEL: 033483 FRAME: 0637

502925320

Attorney Docket No.: Sony Ref. No.: SP344484US00

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	COLUMN A/D CONVERTER, COLUMN A/D CONVERSION METHOD, SOLID IMAGING DEVICE, AND CAMERA SYSTEM	
As the below named inventor, I hereby declare that:		
This declarati	The attached application, or	
	United States application or PCT international application number PCT/JP2013/054125 filed on 2013/02/20	
The above-ide	entified application was made or authorized to be made by me,	
WHEREAS,	I am the original inventor or an original joint inventor of a claimed invention in the application. SONY CORPORATION , with offices at	
acquiring all i	NAN, 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 on which may be granted therefor in the United States and in any and all foreign countries:	
of which are legal represent in and to any any and all pr Convention R adheres, and t United States	EFORE, in consideration of the sum of One Dotlar (\$1.00), and other good and valuable consideration, the receipt and sufficiency hereby acknowledged. I by these presents do hereby assign, sell and transfer umo said ASSIGNEE, its successors, assigns, and tatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to iority rights and/or convention rights under the International Convention for the Protection of Industrial Property. Inter-American clating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America of any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters 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 latigation related thereto;		
And I hereby this assignmen	covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with and sale.	
f bereby acknowled mot more than	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of five (5) years, or both.	
	IE OF INVENTOR	
	YUUSUKE NISHIDA Date: July 22, 2014	
Signature:	Yuusuke NISHIDA	

PATENT REEL: 033483 FRAME: 0638

Attorney Docket No.: Sony Ref. No.: SP344484US00

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	IMAGING DEVICE, AND CAMERA SYSTEM	
As the below named inventor. Thereby declare that:		
This declaration is directed to:	The attached application, or	
	United States application or PCT international application number PCT/JP2013/054125 filed on 2013/02/20 PCT/JP2013/054125	
The above-ide	ntified application was made or authorized to be made by me.	
WHEREAS.	am the original inventor or an original joint inventor of a claimed invention in the application. SONY CORPORATION . with offices at	
1-7-1 KOI	NAN, MINATO-KU, TOKYO, 108-0075, JAPAN (hereinafter referred to as ASSIGNEE), is desirous of	
acquiring all in legal protection	nterest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar a which may be granted therefor in the United States and in any and all foreign countries;	
of which are h legal represent in and to any a any and all pro Convention Re adheres, and to United States a	FORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency greby acknowledged, I by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, and atives, the entire right, title and imerest in said invention, said application, including any divisions and continuations thereof, and and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to arrive rights and/or convention rights under the International Convention for the Protection of Industrial Property. Inter-American clating to Patents. Designs and Industrial Models, and any other international agreements to which the United States of America can other benefits accruing or to accrue to me with respect to the filling of applications for patents or securing of patents in the and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters ASSIGNEE, as the assignce 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 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 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 bereafter 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 c this assignmen	ovenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with and sale,	
I hereby ackno not more than t	wledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of ive (5) years, or both.	
LEGAL NAME OF INVENTOR		
Inventor:	YASUAKI HISAMATSU Date: $\sqrt{h/y} 2\sqrt{g} = \sqrt{g}$	
Signature:	Yusuahi Hisamuisu	

PATENT REEL: 033483 FRAME: 0639

RECORDED: 08/07/2014