PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4269765

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MOHIT GUPTA	10/27/2016
TOMOO MITSUNAGA	02/10/2015
DAISUKE ISO	02/10/2015
SHREE K. NAYAR	10/25/2016

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:	14652397

CORRESPONDENCE DATA

Fax Number: (617)646-8646

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: 617-646-8000

Email: patents_SonyAdmins@wolfgreenfield.com

RANDY J. PRITZKER **Correspondent Name:**

Address Line 1: WOLF GREENFIELD & SACKS, P.C.

Address Line 2: **600 ATLANTIC AVENUE**

Address Line 4: BOSTON, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER: \$1459.72121US01	
NAME OF SUBMITTER:	KELLY RODECK
SIGNATURE:	/Kelly Rodeck/
DATE SIGNED:	02/10/2017

Total Attachments: 4

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> PATENT REEL: 041227 FRAME: 0014

Attorney Docket No.: S1459.72121US01 Sony Ref. No.: SP353108US01

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	METHODS, SYSTEMS, AND MEDIA FOR HIGH DYNAMIC RANGE IMAGING	
As the below	named inventor, I hereby declare that:	
This declarati	The diddied approximation, or	
	United States application or PCT international application number PCT/US2013/072385	
	filed on 11/27/2013	
The above-ide	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.	
WHEREAS,	SONY CORPORATION , with offices at	
	ONAN, MINATO-KU, TOKYO, 108-0075 (hereinafter referred to as ASSIGNEE), is desirous of	
acquiring all legal protection	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;	
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;		
designee, as remuneration	r agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of ates and countries foreign thereto;	
application for	r agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for or foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters 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 acki not more that	nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of a five (5) years, or both.	
LEGAL NAI	ME OF INVENTOR	
Inventor:	MOHIT GUPTA Date: 10/27/2016	
Signature:	Mohit Gupta	

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App. No.: PCT/US13/72385

Filed: 11/27/2013

ASSIGNMENT

WHEREAS, we, the undersigned (collectively "the Assignors"), are the inventors of a certain new and useful invention and discovery entitled "METHODS, SYSTEMS, AND MEDIA FOR HIGH DYNAMIC RANGE IMAGING" ("the Invention") for which a patent application was filed with the United States Patent and Trademark Office on 11/27/2013 as International Application Number PCT/US13/72385 ("the Application").

WHEREAS, Sony Corporation, existing under the laws of Japan, having its principal office at 1-7-1 Konan, Minato-ku, Tokyo, 108-0075, Japan, which together with its successors and assigns (collectively "the Assignee") is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited.

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors hereby assign to Assignee all of Assignors' entire right, title, and interest in and to the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any applications and/or patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application; any application that claims priority from the Application (including utility applications, divisionals, continuations, continuations-in-part, international applications, and/or foreign regional and/or national applications); any application from which the Application claims priority (including provisional applications, non-provisional applications, international applications, foreign regional applications, and/or foreign national applications); or any application based in whole or in part on any of the foregoing.

Assignors agree that such Assignors and Assignors' heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge, and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignors relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Assignors further agree that such Assignors will, without further compensation to Assignors during the term of such Assignors' employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

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App. No.: PCT/US13/72385

Filed: 11/27/2013

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this <u>O2</u> day of <u>10</u> (month), <u>2015</u> (year). I represent and warrant that I have full power to make this assignment and that the rights, titles, and interests assigned are not encumbered by any grant, license, or right heretofore given.

Tomoo Mitsunaga

24-2-5005 Suenaga

Takatsu, Kawasaki 213-0013

Japan

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this $\underline{O} \geq \underline{O}$ day of $\underline{f} \otimes \underline{O} \otimes \underline{O}$ (month), $\underline{f} \otimes \underline{O} \otimes \underline{O}$ (year). I represent and warrant that I have full power to make this assignment and that the rights, titles, and interests assigned are not encumbered by any grant, license, or right heretofore given.

Daisuke Iso

1-7-1 Konan

Minato-Ku, Tokyo 108-0075

Japan

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PTO/AIA/01 (06-12) (MODIFIED) Attorney Docket No.: \$1459,72121US0U Sony Ref. No.: \$P353108US01

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	METHODS, SYSTEMS, AND MEDIA FOR HIGH DYNAMIC RANGE IMAGING		
As the below	As the below named inventor, I hereby declare that:		
This declarati			
	United States application or PCT international application number PCT/US2013/072385		
	filed on 11/27/2013		
The above-id	entified application was made or authorized to be made by me.		
	Earn the original inventor or an original joint inventor of a claimed invention in the application. SONY CORPORATION , with offices at		
WHEREAS,	SONY CORPORATION , with offices at ONAN, MINATO-KU, TOKYO, 108-0075 (hereinafter referred to as ASSIGNEE), is desirous of		
acquiring all legal protecti	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 represer in and to any any and all p Convention I adheres, and United States Patent to saic	EFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency hereby acknowledged. I by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, and natures, 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 divity rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America 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 sand 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;		
designee, as remuneration	r agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its assigns and legal representatives may from time-to-time present to me and without further is, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of ates and countries foreign thereto;		
annition t	r agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for or foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters may be granted for my aforesaid invention, as said ASSIGNEE thereof shall hereafter require and prepare at its own expense;		
application.	r agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will be same in any interference or litigation related thereto:		
this assignme			
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	ME OF INVENTOR		
Inventor:	SHREE K, NAYAR Date: 16/25 6		
Signature:	- May		

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RECORDED: 02/10/2017

PATENT REEL: 041227 FRAME: 0018