504950785 06/08/2018

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4997532

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
AKIRA NAKAMURA	04/17/2018
YOSHITOMO ONODA	04/27/2018

#### **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:	15774769

#### **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.

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ATTORNEY DOCKET NUMBER:	S1459.72324US00
NAME OF SUBMITTER:	JESSICA O. VALLI
SIGNATURE:	/Jessica O. Valli/
DATE SIGNED:	06/08/2018

**Total Attachments: 2** 

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PATENT 504950785 REEL: 046024 FRAME: 0018

Attorney Docket No.: Sony Ref. No.: SP364286US00

## 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 LENS	
As the below	named inventor, I hereby declare that:	
This declarati	The attached application or	
	United States application or PCT international application number PCT/JP2016/079992 filed on 2016/10/07	
The above-id	entified 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 claimed invention in the application.  SONY CORPORATION , with offices at	
1-7-1 KC	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 processions of the convention	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 statives, 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 itricity rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American telating 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 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;	
designee, as remuneration	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;	
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;		
application, s	r agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said aid 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;	
And I hereby this assignme	covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with nt and sale.	
	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 NAN	ME OF INVENTOR	
Inventor:	AKIRA NAKAMURA Date: 2018/4/17	
Signature:	Okin hakamura	

PATENT REEL: 046024 FRAME: 0019

Attorney Docket No.: Sony Ref. No.: SP364286US00

# 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 LENS		
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/JP2016/079992 filed on 2016/10/07  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 CORPORATION , with office		
1-7-1 KONAN, MINATO-KU, TOKYO, 108-0075, JAPAN (hereinafter referred to as ASSIGNEE), is desirous acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or sim		
legal protection which may be granted therefor in the United States and in any and all foreign countries;	uar	
NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficient of which are hereby acknowledged, I by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, a legal representatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, a 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 any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-Americ Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of American 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 United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Lett Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;	and and i to can rica the	
And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without furt remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent the United States and countries foreign thereto;	her	
And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Lett 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 sapplication, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and vestify 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 withis assignment and sale.	zith	
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment not more than five (5) years, or both.	tof	
LEGAL NAME OF INVENTOR		
Inventor: YOSHITOMO ONODA Date: April, 27, 20/8		
Signature: Yoshitoma. Onoga	••••	

PATENT REEL: 046024 FRAME: 0020

**RECORDED: 06/08/2018**