#### 07/12/2016 503911540

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3958193

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ANDREAS SCHWAGER	07/05/2016
MARTIN REBERT	06/27/2016
DIETMAR SCHILL	06/20/2016

### **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:	15111106

## CORRESPONDENCE DATA

Fax Number: (703)413-2220

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: (703) 413-3000 Email: rsheldon@oblon.com **Correspondent Name:** OBLON, ET AL. Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	473818US8X PCT
NAME OF SUBMITTER:	RYAN SHELDON
SIGNATURE:	/Ryan Sheldon/
DATE SIGNED:	07/12/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

### **Total Attachments: 3**

source=Declaration and Assignment-070816#page1.tif source=Declaration and Assignment-070816#page2.tif source=Declaration and Assignment-070816#page3.tif

**PATENT** REEL: 039135 FRAME: 0995 503911540

# 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 CAMERA WITH RADAR-BASED AUTOFOCUS Invention
As the below named inventor, I hereby declare that:
This declaration  The attached application, or
is directed to: United States application or PCT international application number
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  (hereinafter referred to as "ASSIGNEE") having places of business at: 1-7-1-Konan, Minato-ku-Tokyo 108-0075, Japan, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;
NOW, THEREFORE, for good and valuable consideration which is hereby acknowledged, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.
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: Andreas Schwager Date: 5th 9 July 2016
Signature: \( \square \)

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

PATENT REEL: 039135 FRAME: 0996

# 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	CAMERA WITH RADAR-BASED AUTOFOCUS	
As the below name	d inventor, I hereby declare that:	
This declaration 🔀 The attached application, or		
is directed to:	United States application or PCT international application number	
The above-identifie	d application was made or authorized to be made by me.	
I believe that I am t	he original inventor or an original joint inventor of a claimed invention in the application.	
(hereinafter referre	y CORPORATION d to as "ASSIGNEE") having places of business at: 1-7-1-Konan, Minato-ku- Tokyo 108-0075, of acquiring the entire right, title and interest in and to said invention and in and to any Letters granted therefore in the United States and its territorial possessions and in any and all foreign	
sell, assign and tran and its territorial po International Conve and the entire right States and its territorial	ORE, for good and valuable consideration which is hereby acknowledged, I, by these presents do asfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States assessions and in all foreign countries (including the right to claim priority under the terms of the ention and other relevant International Treaties and Arrangements from the aforesaid application), title and interest in and to any and all Letters Patent which may be granted therefor in the United orial possessions and in any and all foreign countries and in and to any and all divisions, reissues, titutions and renewals thereof.	
any and all foreign assignee of my ent (his) successors an	ze and request the Patent Office Officials in the United States and its territorial possessions and a countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the ire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its d assigns, to the full end of the term for which said Letters Patent may be granted, as fully and a would have been held by me had this Assignment and sale not been made.	
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.		
	rledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 ment of not more than five (5) years, or both.	
LEGAL NAME OF	FINVENTOR	
Inventor: Martin	Rebert Date: 27.06.2016	
Signature:		

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 039135 FRAME: 0997

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

Invention	CAMERA WITH RADAR-BASED AUTOFOCUS
As the below name	d inventor, I hereby declare that:
This declaration 🗵	The attached application, or
is directed to:	United States application or PCT international application number filed on
The above-identific	ed application was made or authorized to be made by me.
I believe that I am t	the original inventor or an original joint inventor of a claimed invention in the application.
(hereinafter referred Japan, is desirous of	by CORPORATION does "ASSIGNEE") having places of business at: 1-7-1-Konan, Minato-ku-Tokyo 108-0075, of acquiring the entire right, title and interest in and to said invention and in and to any Letters granted therefore in the United States and its territorial possessions and in any and all foreign
sell, assign and tran and its territorial po- International Conve- and the entire right, States and its territorial	FORE, for good and valuable consideration which is hereby acknowledged, I, by these presents do use unto said ASSIGNEE, the full and exclusive right to the said invention in the United States assessions and in all foreign countries (including the right to claim priority under the terms of the ention and other relevant International Treaties and Arrangements from the aforesaid application), title and interest in and to any and all Letters Patent which may be granted therefor in the United orial possessions and in any and all foreign countries and in and to any and all divisions, reissues, titutions and renewals thereof.
any and all foreign assignee of my enti (his) successors and	ize and request the Patent Office Officials in the United States and its territorial possessions and a countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the ire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its d assigns, to the full end of the term for which said Letters Patent may be granted, as fully and a would have been held by me had this Assignment and sale not been made.
respecting said inv continuation, substi all of said Letters possible to aid said	that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me vention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, itute, renewal and reissue applications, execute all necessary assignment papers to cause any and Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything I ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said ited States and its territorial possessions and in any and all foreign countries.
	dedge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 ment of not more than five (5) years, or both.
LEGAL NAME OF	•
Inventor: Dietmai	
Signature:	anthrone & Collins

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
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PATENT REEL: 039135 FRAME: 0998

**RECORDED: 07/12/2016**