502435647 07/26/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yoshitaka MIYATANI	07/22/2013

RECEIVING PARTY DATA

Name:	SONY CORPORATION
Street Address:	1-7-1 Konan
City:	Minato-ku, Tokyo
State/Country:	JAPAN
Postal Code:	108-0075

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13951963

CORRESPONDENCE DATA

Fax Number: 7034132220

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ATTORNEY DOCKET NUMBER:	414212US8
NAME OF SUBMITTER:	Alva T. Worden
Signature:	/Alva T. Worden/
Date:	07/26/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 1

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PATENT REEL: 030885 FRAME: 0504 P \$40.00 1395196

Attorney Docket No.: 414212US-6541-6541-8 Sony Ref. No.: SP348052US00

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	FOCUS DETECTION DEVICE, IMAGING APPARATUS, AND METHOD OF CONTROLLING FOCUS DETECTION DEVICE
As the below	named inventor, I hereby declare that:
This declaration is directed to:	on
	United States application or PCT international application number filed on
	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
1-7-1 KO	NAN, MINATO-KU, TOKYO, 108-0075, JAPAN (hereinafter referred to as ASSIGNEE), is desirous of
acquiring all i	nterest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar in which may be granted therefor in the United States and in any and all foreign countries;
or which are it legal represent in and to any a any and all pri Convention Ri adheres, and to United States a Patent to said.	FORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency acknowledged. I by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, and taives, 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 ority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American elating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America or 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;
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 tes and countries foreign thereto;
аррисацоп ют	agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for 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;
apprication, sa	agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will exame in any interference or litigation related thereto;
And I hereby c this assignment	ovenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with tand sale.
I hereby ackno not more than i	wledge 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.
LEGAL NAMI	E OF INVENTOR
Inventor:	YOSHITAKA MIYATANI Date: July 22, 2013
Signature:	YOSHITAKA MIYATANI

PATENT REEL: 030885 FRAME: 0505

RECORDED: 07/26/2013