PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the CITY UNDER RECEIVING PARTY DATA FROM TUSCON TO TUCSON previously recorded on Reel 038198 Frame 0227. Assignor(s) hereby confirms the ASSIGNOR HEREBY SELLS, ASSIGNS, TRANSFERS AND CONVEYS UNTO ASSIGNEE

CONVEYING PARTY DATA

Name	Execution Date
JOSE MANUEL SASIAN-ALVARADO	04/04/2016

RECEIVING PARTY DATA

Name:	THE ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA	
Street Address:	220 WEST SIXTH STREET, 4TH FLOOR	
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City:	TUCSON	
State/Country:	ARIZONA	
Postal Code:	85701	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14124646

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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CANON U.S.A. INC. INTELLECTUAL PROPERTY **Correspondent Name:**

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Address Line 4: IRVINE, CALIFORNIA 92618-3731

ATTORNEY DOCKET NUMBER: 2001-11374-PCTUS-NP-CINC	
NAME OF SUBMITTER:	JOCELYN LIN
SIGNATURE:	/Jocelyn Lin/
DATE SIGNED:	04/06/2016

Total Attachments: 5

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOSE MANUEL SASIAN-ALVARADO	04/04/2016

RECEIVING PARTY DATA

Name:	THE ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA	
Street Address:	220 WEST SIXTH STREET, 4TH FLOOR	
Internal Address:	THE UNIVERSITY OF ARIZONA, TECH TRANSFER ARIZONA	
City:	TUSCON	
State/Country:	ARIZONA	
Postal Code:	85701	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14124646

CORRESPONDENCE DATA

Fax Number: (949)932-3560 **Phone**: 9499323329

Email: ipdocketing@cusa.canon.com

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Correspondent Name: CANON U.S.A. INC. INTELLECTUAL PROPERTY

Address Line 1: 15975 ALTON PARKWAY

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ATTORNEY DOCKET NUMBER:	2001-11374-PCTUS-NP-CINC	
NAME OF SUBMITTER:	JOCELYN LIN	
Signature: /Jocelyn Lin/		
Date:	04/05/2016	

Total Attachments: 2

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RECEIPT INFORMATION

EPAS ID: PAT3816673 **Receipt Date:** 04/05/2016

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ASSIGNMENT OF PATENT RIGHTS

Assignor:

Jose Manuel Sasian-Alvarado

Assignee:

The Arizona Board of Regents on Behalf of the University of Arizona, a body corporate duly formed in accordance with Title 15 of the Arizona Revised Statutes, with an address as follows: The University of Arizona, Tech Transfer Arizona, University Services Annex, 4th Floor, P.O. Box 210300A, Tucson, AZ 85721 (physically located at The University of Arizona, Tech Transfer Arizona, 220 West Sixth Street, 4th Floor,

Tucson, AZ 85701).

For good and valuable consideration, the receipt of which is hereby acknowledged, Assignor hereby sells, assigns, transfers, and conveys unto Assignee all right, title, and interest that exist today and may exist in the future in and to any and all of the following (collectively, the "Patent Rights"):

the provisional patent applications, patent applications and patents listed in the table below [the "Patents"];

UA Ref. No.	Patent or Application No.	Country	Filing Date	Title of Patent and First Named Inventor
UA11-140	14/124,646	US	12/6/2013	Optical System with Catadioptric Optical
				Subsystem; - Masatsugu Nakano

- all patents and patent applications (i) to which any of the Patents directly or indirectly claims priority, (ii) for which any of the Patents directly or indirectly forms a basis for priority, and/or (iii) that were co-owned applications that directly or indirectly incorporate by reference the Patents;
- all reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, divisions, registrations of any item in any of the foregoing categories (a) and (b);
- all foreign patents, patent applications, and counterparts relating to any item in any of the foregoing categories (a) through (c), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances. including, without limitation, all rights under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding: and
- all Inventions, invention disclosures, and discoveries described in any item in any of the foregoing categories and all other rights arising out of such inventions, invention disclosures, and discoveries, and all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any of the Patents and/or any item in any of the foregoing categories, including, for past, current, and future infringement.

Assignor confirms that, at the time the invention was made, Assignor was obligated to assign, and did assign, the invention to Assignee. Assignor represents, warrants and covenants that Assignor has the full power and authority, and has obtained all third party consents, approvals and/or other authorizations required to enter into this Agreement and to carry out its obligations hereunder, including the assignment of the Patent Rights to Assignee.

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants or

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issuances that may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

Assignor will, at the reasonable request of Assignee and without demanding any further consideration therefor, do all things necessary, proper, or advisable, including without limitation, the execution, acknowledgment, and recordation of specific assignments, oaths, declarations, and other documents on a country-by-country basis, to assist Assignee in obtaining, perfecting, sustaining, and/or enforcing the Patent Rights. Assignor has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of Canon U.S.A. Inc., the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

The terms and conditions of this Assignment of Patent Rights will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF this Assignment of Patent Rights is executed on the dates below.

ASSIGNOR:	1 1 11
By: Joe Janan	Date: 4-4-16
Printed Name: <u>lose Manuel Sasian-Alvarado</u>	***************************************
STATE OF ARIZONA) SS.	
undersigned Notary Public or Witness, personally a Sasian-Alvarado), known to me (or proven to me or	in the year of before me, the appeared the above-named ASSIGNOR (Jose Manuel n the basis of satisfactory evidence) to be the personeent, and acknowledged that they executed the same.
OFFICIAL SEAL TRINIDAT R. RIOJAS NOTARY PUBLIC - State of Arizons PIMA COUNTY	NOTARY PUBLIC OF WITNESS MY COMMISSION EXPIRES: May 15, 2019

RECORDED: 04/06/2016

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