

<b>PATENT ASSIGNMENT COVER SHEET</b>
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EPAS ID: PAT4007519

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ZHUO WANG	08/12/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CANON U.S.A., INC.
<b>Street Address:</b>	ONE CANON PARK
<b>City:</b>	MELVILLE
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	11747
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15237241
<b>CORRESPONDENCE DATA</b>	
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<i>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.</i>	
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<b>ATTORNEY DOCKET NUMBER:</b>	2900-20198
<b>NAME OF SUBMITTER:</b>	JOCELYN LIN
<b>SIGNATURE:</b>	/Jocelyn Lin/
<b>DATE SIGNED:</b>	08/15/2016
<b>Total Attachments: 2</b>	
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source=2900-20198_LO_Executed_Assignment#page2.tif	

*ASSIGNMENT*

FOR VALUE RECEIVED, I

**NAME Zhuo Wang**  
c/o Canon USA, Inc., IP Division  
15975 Alton Parkway  
Irvine, CA 92618

Citizenship: People's Republic of China

hereby sell, assign, transfer and convey unto

**Canon U.S.A., Inc.**, a corporation of New York  
having a place of business at One Canon Park, Melville, NY 11747

its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title, and interest, for all countries, in and to certain inventions relating to

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(atty. docket no. 2900-20198)

and described in an application for Letters Patent of the United States which is filed concurrently herewith and was executed by us, respectively,

and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted, thereon, and all reissues and extensions thereof, and all applications for Letters Patent or other grants of protection of proprietary rights including, but not limited to, inventor's certificate, utility model, utility certificate, patent of importation, registration of patent and industrial design registration which may be filed, and which may be granted, upon said inventions in any countries or regions foreign to the United States, and all reissues, renewals and extensions thereof; and we hereby authorize and request the Commissioner for Patents and Trademarks of the United States, and all officials of countries or regions foreign to the United States having authority to do so, to issue all such Letters Patent or other grants of protection upon said inventions to the Assignee or to such nominees as it may designate.

AND I authorize and empower the Assignee or nominees to invoke and claim for any application for such Letters Patent or other grants of protection for said inventions filed by the Assignee or nominees, the benefit of the right of priority provided by the international Convention for the Protection of Industrial Property, as amended, or by a convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

AND I hereby consent that a copy of this assignment shall be deemed a full and formal equivalent of any assignment, consent to file, or like document which may be required in any country or region for any purpose and more particularly in proof of the right of the Assignee or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

AND I hereby covenant that I have the full right to convey the entire right, title, and interest herein assigned and that I have not executed and will not execute any agreement in conflict herewith.

AND I hereby covenant and agree that I will communicate to the Assignee or nominees all facts known to me pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional,

continuing, and reissue applications, make all rightful oaths and declarations, and in general perform all lawful acts necessary or proper to aid the Assignee or nominees in obtaining, maintaining, and enforcing all lawful patent or other grants of protection of said invention in any and all countries and regions.

IN TESTIMONY WHEREOF, I hereunto set our hand and seal this 12 day of August, 2016

Zhuo Wang  
signature

Witness: [Signature]

Date: 12 Aug 2016