

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Richard James Zillman</td> <td>07/10/2013</td> </tr> <tr> <td>Kieran Gerard Larkin</td> <td>07/11/2013</td> </tr> <tr> <td>Peter Alleine Fletcher</td> <td>07/18/2013</td> </tr> </tbody> </table>		Name	Execution Date	Richard James Zillman	07/10/2013	Kieran Gerard Larkin	07/11/2013	Peter Alleine Fletcher	07/18/2013
Name	Execution Date								
Richard James Zillman	07/10/2013								
Kieran Gerard Larkin	07/11/2013								
Peter Alleine Fletcher	07/18/2013								
RECEIVING PARTY DATA									
Name:	CANON KABUSHIKI KAISHA								
Street Address:	30-2, Shimomaruko 3-Chome, Ohta-Ku								
City:	Tokyo								
State/Country:	JAPAN								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13863985</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13863985				
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Application Number:	13863985								
CORRESPONDENCE DATA									
Fax Number:	9499323560								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	949-932-3329								
Email:	IPDocketing@cusa.canon.com								
Correspondent Name:	CANON U.S.A. INC. INTELLECTUAL PROPERTY								
Address Line 1:	15975 ALTON PARKWAY								
Address Line 4:	IRVINE, CALIFORNIA 92618-3731								
ATTORNEY DOCKET NUMBER:	2200-14963-CINC								
NAME OF SUBMITTER:	Alvin Fong								
Signature:	/Alvin Fong/								
Date:	07/30/2013								

CH \$40.00 13863985

Total Attachments: 4

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ASSIGNMENT

FOR VALUE RECEIVED, I/WE

RICHARD JAMES ZILLMAN
_____**KIERAN GERARD LARKIN**
_____**PETER ALLEINE FLETCHER**

hereby sell, assign, transfer and convey unto **CANON KABUSHIKI KAISHA**
a corporation of **Japan**

having a place of business at **30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, Japan**

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

IMAGE RESAMPLING BY FREQUENCY UNWRAPPING

and described in an application for Letters Patent of the United States executed by me/us, and filed on **April 16, 2013** as **United States Application No. 13/863985** or as **PCT International Application No.**

and in 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 I/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/we authorize and empower the said Assignee or nominees to invoke and claim for any application for such Letters Patent or other grants of protection for said inventions filed by it or them, 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/us.

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


AND I/we hereby covenant and agree that I/we will communicate to said Assignee or nominees all facts known to me/us 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 said Assignee or nominees in obtaining, maintaining, and enforcing all lawful patent or other grants of protection of said inventions in any and all countries and regions.

By: _____
RICHARD JAMES ZILLMAN

Date: _____

By: 
KIERAN GERARD LARKIN

Date: 11 July 2013

By: 
PETER ALLEINE FLETCHER

Date: 18-7-2013.

By: _____

Date: _____

By: _____

Date: _____

By: _____

Date: _____

By: _____

Date: _____

By: _____

Date: _____

By: _____

Date: _____

By: _____

Date: _____

ASSIGNMENT

FOR VALUE RECEIVED, I/WE

RICHARD JAMES ZILLMANKIERAN GERARD LARKINPETER ALLEINE FLETCHER______________________________hereby sell, assign, transfer and convey unto **CANON KABUSHIKI KAISHA**a corporation of **Japan**having a place of business at **30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, Japan**

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 as PCT International Application No. _____

and in 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 I/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.

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By: 
RICHARD JAMES ZILLMAN

Date: 10/7/2013

By: _____
KIERAN GERARD LARKIN

Date: _____

By: _____
PETER ALLEINE FLETCHER

Date: _____

By: _____

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By: _____

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