

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Dmitry Denisenkov	05/12/2011
Gang Xue	06/01/2011
Sung Ho Hong	05/12/2011
Qian Wang	05/30/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Research In Motion Limited
<b>Street Address:</b>	295 Phillip Street
<b>City:</b>	Waterloo, Ontario
<b>State/Country:</b>	CANADA
<b>Postal Code:</b>	N2L 3W8
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13092646
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(214)446-6692
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	214-446-6688
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<b>Address Line 1:</b>	PO BOX 12608
<b>Address Line 4:</b>	DALLAS, TEXAS 75225
<b>ATTORNEY DOCKET NUMBER:</b>	1578.1357 (41828-US-PAT)
<b>NAME OF SUBMITTER:</b>	Robert H. Kelly

CH \$40.00 13092646

Total Attachments: 6  
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**PATENT**  
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**WORLDWIDE ASSIGNMENT**

WHEREAS, I/WE, (hereinafter referred to as the "ASSIGNOR(S)"):

**Dmitry Denisenkov, 295 Phillip Street, Extension 77625, Waterloo, Ontario N2L 3W8, Canada**

**Gang Xue, 295 Phillip Street, Extension 77793, Waterloo, Ontario N2L 3W8, Canada**

**Sung Ho Hong, 295 Phillip Street, Extension 77494, Waterloo, Ontario N2L 3W8, Canada**

**Qian Wang, 245 Sleaford Street, Waterloo, Ontario N2J 4Z7, Canada**

has/have invented a "IMPROVED FRAME SELECTION TO PROVIDE FOR A ZERO SHUTTER LAG IN A DIGITAL CAMERA" ("Invention") for which one or more applications for patent, design registration, utility model registration, or other form of protection, rights, or title have been or will be made in certain countries ("Applications"), as further described below:

**United States Patent Application No. 13/092,646, Filed on 22 April 2011 (Docket No. 41828-US-PAT)**

**European Patent Application, Identified as Docket No. 41828-EP-EPA**

AND WHEREAS, **RESEARCH IN MOTION LIMITED**, (hereinafter referred to as the "ASSIGNEE"), a company organized under the laws of the Province of Ontario, Canada, having a place of business at 295 Phillip Street, Waterloo, Ontario, N2L 3W8, Canada, is desirous of acquiring the full and exclusive right, title and interest in and to said Invention, said Applications inclusive of all ancillary rights relating thereto, any and all priority rights derived from said Applications, and all patents, design registrations, utility model registrations and other forms of protection, rights and titles relating to said Invention, in any country or countries and in respect of the whole or any part or parts of or improvements to the Invention;

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR(S) does/do hereby confirm that ASSIGNOR(S) has/have transferred, conveyed and assigned, and by way of further assurance does/do hereby transfer, convey and assign, any and all of ASSIGNOR(S)'s respective rights, title and interest in and to: the Invention; the Applications; any further applications for patent, design registration, utility model registration or other forms of protection, rights or titles for the whole or any part or parts of or improvements to the Invention in any country or countries ("Further Applications")

together with the right to file divisional applications, substitute applications and continuation applications of any one or more of the Applications and Further Applications ("Divisionals"); the right to obtain patents, design registrations, utility model registrations and all other forms of protection, rights and titles relating to the Invention; the right in and to any patent or reissue patent relating to the Applications, Further Applications and Divisionals ("Grants"); and the right to obtain any extensions / supplementary protection certificates ("Extensions"); together with the right to bring proceedings to recover damages and/or to obtain other remedies for acts committed in respect of one or more of the aforesaid Invention, Applications, Grants, Further Applications, Divisionals and Extensions, whether such acts are committed before or after the date of this Worldwide Assignment; with the intent that the Invention, Applications, Grants, Further Applications, Divisionals and Extensions are owned and enjoyed by ASSIGNEE absolutely to the full end of the term or terms for same.

ASSIGNOR(S) does/do hereby agree, upon request, to provide assistance and to execute any and all further documents, at the expense of ASSIGNEE and/or its successors and assigns (as applicable), which may be necessary or desirable to enable ASSIGNEE, and/or its successors and assigns (as applicable), to file, prosecute, bring proceedings and take other actions with respect to any and all of the Invention, Applications, Further Applications, Divisionals, Grants and Extensions, and any and all patents and registrations granted thereon and other forms of protection, rights and titles relating thereto, and ASSIGNOR(S) further agrees/agree to execute, upon request and at the expense of ASSIGNEE and/or its successors and assigns (as applicable), any and all further documents which may be necessary or desirable to vest or perfect the title of ASSIGNEE therein.

ASSIGNOR(S) does/do hereby authorize ASSIGNEE or its patent agents or attorneys to insert, above, the jurisdictions, application numbers, filing dates and any other indicia identifying the Applications when such information is available for the purpose of recording this assignment.

ASSIGNOR(S) does/do hereby authorize and request The Commissioner of Patents or any equivalent authority to issue to ASSIGNEE each and every patent, registration and other form of protection, right, and title granted upon the Applications, Further Applications, Divisionals and Extensions.

THIS WORLDWIDE ASSIGNMENT shall inure to the benefit of ASSIGNEE and its successors and assigns, and shall be binding upon ASSIGNOR(S) and their successors and permitted assigns.

DELIVERY of this Worldwide Assignment by copy, however transmitted, constitutes valid and effective delivery. This Worldwide Assignment may be executed in one or more counterparts, each of which when so executed and delivered shall be an original, and such counterparts shall together constitute one and the same instrument.

RIM Family Ref. No.: 41828

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:

Date: 2011/05/12

*Dmitry Denisenkov*  
Dmitry Denisenkov  
295 Phillip Street, Extension 77625  
Waterloo, Ontario N2L 3W8  
Canada

STATEMENT BY WITNESS

I, Mark Rushby, whose full Post Office address is

295 Phillip Street, Extension 77625, Waterloo, Ontario N2L 3W8, Canada  
(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be a person named in the Worldwide Assignment, duly sign and execute same.

Date: 2011/05/12

*Mark Rushby*  
(Signature of Witness)

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:

Date: Jun. 1, 2011

Gang Xue  
**Gang Xue**  
**295 Phillip Street, Extension 77793**  
**Waterloo, Ontario N2L 3W8**  
**Canada**

STATEMENT BY WITNESS

I, Bryan Kowitz, whose full Post Office address is

303 Achiva Avenue  
(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be a person named in the Worldwide Assignment, duly sign and execute same.

Date: June 1/2011

[Signature]  
(Signature of Witness)

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:

Date: May 12th, 2011



Sung Ho Hong  
295 Phillip Street, Extension 77494  
Waterloo, Ontario N2L 3W8  
Canada

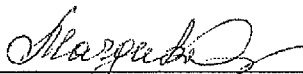
STATEMENT BY WITNESS

I, Marguba Radjabova, whose full Post Office address is

225 Harvard Pl, Unit 912, Waterloo, ON, Canada N2J4H4  
(Address of Witness)


hereby declare that I was personally present and did see the above named person, personally known to me to be a person named in the Worldwide Assignment, duly sign and execute same.

Date: May 12, 2011

  
(Signature of Witness)

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:

Date: May 30, 2011


  
\_\_\_\_\_  
Qian Wang  
245 Sleaford Street  
Waterloo, Ontario N2J 4Z7  
Canada

STATEMENT BY WITNESS

I, Daniel Hosseinpour, whose full Post Office address is  
305 phillip st. Waterloo, ON, N2L 3W8  
(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be a person named in the Worldwide Assignment, duly sign and execute same.

Date: May 30 - 2011

  
\_\_\_\_\_  
(Signature of Witness)