

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Yun Seok Choi	03/25/2011
Qian Wang	03/29/2011
Graham Charles Townsend	06/27/2011
RECEIVING PARTY DATA	
Name:	RESEARCH IN MOTION LIMITED
Street Address:	295 Phillip Street
City:	Waterloo, Ontario
State/Country:	CANADA
Postal Code:	N2L 3W8
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	13178337
Application Number:	61418494
CORRESPONDENCE DATA	
Fax Number:	(214)446-6692
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Email:	lilis.pramasurja@kelly-krause.com
Correspondent Name:	DOCKET CLERK Kelly-Krause
Address Line 1:	PO BOX 12608
Address Line 4:	DALLAS, TEXAS 75225
ATTORNEY DOCKET NUMBER:	1578.1255 (40015-US-PAT)
NAME OF SUBMITTER:	Robert H. Kelly
Total Attachments: 5 source=Assignment_40015-US-PAT#page1.tif source=Assignment_40015-US-PAT#page2.tif source=Assignment_40015-US-PAT#page3.tif source=Assignment_40015-US-PAT#page4.tif source=Assignment_40015-US-PAT#page5.tif	

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PATENT
REEL: 026557 FRAME: 0717

WORLDWIDE ASSIGNMENT

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

**Yun Seok Choi, 295 Phillip Street, Extension 79949, Waterloo, Ontario, N2L 3W8,
Canada**

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

**Graham Charles Townsend, 1631 Santa Cruz Avenue, Menlo Park, CA 94025,
United States of America**

has/have invented a **"APPARATUS, AND ASSOCIATED METHOD, FOR A CAMERA
MODULE OF ELECTRONIC DEVICE"** ("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 Provisional Patent Application No. 61/418,494 filed December 1,
2010, identified as Docket No. 40015-US-PRV**

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.

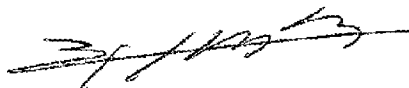
ASSIGNOR(S) does/do hereby authorize and request The Commissioner of Patents or any equivalent authority to issue to ASSIGNEE each and every patent, registration and other form of protection, right, and title granted upon the Applications, Further Applications, Divisionals and Extensions.

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.

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

Date: Mar. 25th. 2011



Yun Seok Choi
295 Phillip Street, Extension 79949
Waterloo, Ontario, N2L 3W8
Canada

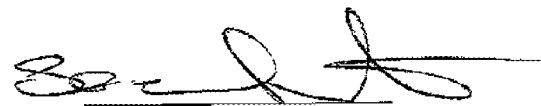
STATEMENT BY WITNESS

I, ~~Steven~~ Laustson, whose full Post Office address is

295 Philip Street, Ex 74651
(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: 25/03-2011


(Signature of Witness)

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

Date: Mar 29, 2011



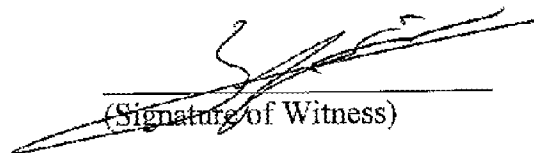
Qian Wang
245 Sleaford Street
Waterloo, Ontario, N2J 4Z7
Canada

STATEMENT BY WITNESS

I, Thomas GRANDIN, whose full Post Office address is
295 Philip Street, ex 74721
(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: 29 March 2011



(Signature of Witness)

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

Date: 27th June 2011

G.C. Townsend
Graham Charles Townsend
1631 Santa Cruz Avenue
Menlo Park, CA 94025
United States of America

STATEMENT BY WITNESS

I, GILLIAN TOWNSEND, whose full Post Office address is

1631 SANTA CRUZ AVENUE, MENLO PARK CA 94025
(Address of Witness) USA

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: 27th June 2011

Gillian Townsend
(Signature of Witness)