

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4114931

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PHILLIP ALAN HETHERINGTON	05/03/2012
XUEMAN LI	05/03/2012
RECEIVING PARTY DATA	
Name:	QNX SOFTWARE SYSTEMS LIMITED
Street Address:	1001 FARRAR ROAD
City:	KANATA, ONTARIO
State/Country:	CANADA
Postal Code:	K2K 0B3
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14469305
CORRESPONDENCE DATA	
Fax Number:	(312)321-4299
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Email:	tsieczkowski@brinksgilson.com, usassignments@brinksgilson.com
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Address Line 1:	P.O. BOX 10395
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ATTORNEY DOCKET NUMBER:	14295-1032 44210-US-CNT
NAME OF SUBMITTER:	JAMES A. COLLINS, REG. NO. 43,557
SIGNATURE:	/James A. Collins/
DATE SIGNED:	10/26/2016
Total Attachments: 4	
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WORLDWIDE ASSIGNMENT

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

HETHERINGTON, Phillip Alan, 134 Abbott Street, Suite 302, Ext. 4581, Vancouver, BC
V6B 2K4 CANADA

LI, Xueman, 134 Abbott Street, Suite 302, Ext. 24590, Vancouver, BC V6B 2K4 CANADA

am an/are inventor(s) of an invention entitled **ADAPTIVE EQUALIZATION SYSTEM**
("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:

US, Patent Application # 14/469,305 filed August 26, 2014

EP, Patent Application # _____ filed _____

AND WHEREAS, **QNX SOFTWARE SYSTEMS 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 1001 Farrar Road, Kanata, Ontario, K2K 0B3, 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; inclusive of any and all priority rights, including the right to
claim priority, derived from 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.

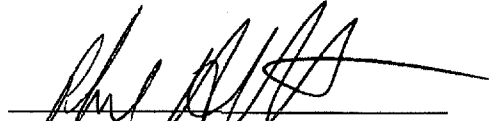
ASSIGNOR(S) does/do hereby authorize ASSIGNEE or its patent agents or attorneys to insert, above, the jurisdictions, application numbers, filing dates and any other indicia identifying the Applications when such information is available for the purpose of recording this assignment.

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:


HETHERINGTON, Phillip Alan
134 Abbott Street, Suite 302, Ext. 4581
Vancouver, BC V6B 2K4 CANADA

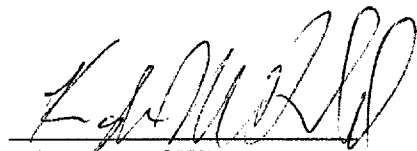
Date: May 3 '12

STATEMENT BY WITNESS

I, Kyle MacDonald, whose full Post Office address is

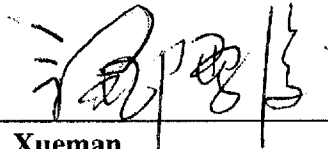
134 Abbott street, Suite 302, ~~2~~ Vancouver, BC, V6B 2K4 Canada
(Address of Witness)

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.


(Signature of Witness)

Date: May 3 / 2012

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



LI, Xueman
134 Abbott Street, Suite 302, Ext. 24590
Vancouver, BC V6B 2K4 CANADA

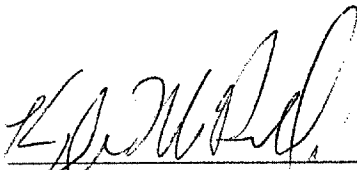
Date: May 3, 2012

STATEMENT BY WITNESS

I, Kyle MacDonald, whose full Post Office address is

134 Abbott Street, Suite 302, Vancouver, BC V6B 2K4 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.



(Signature of Witness)

Date: May 3/2012