OP \$40.00 127295

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RESEARCH IN MOTION UK LIMITED	07/13/2010

RECEIVING PARTY DATA

Name:	RESEARCH IN MOTION LIMITED		
Street Address:	5 Phillip Street		
City:	Waterloo		
State/Country:	ONTARIO		
Postal Code:	N2L 3W8		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12729534

CORRESPONDENCE DATA

Fax Number: (713)456-2836 Phone: 713-571-3400

Email: paul.gonzales@novakdruce.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US

Mail.

Correspondent Name: NOVAK DRUCE + QUIGG LLP

Address Line 1: 1000 Louisiana Street

Address Line 2: 53rd Floor

Address Line 4: Houston, TEXAS 77002

ATTORNEY DOCKET NUMBER:	9509.018.NPUS00
NAME OF SUBMITTER:	Andrew Z. Weaver

Total Attachments: 7

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PATENT REEL: 026912 FRAME: 0906

CONFIRMATION AND ASSIGNMENT

WHEREAS RESEARCH IN MOTION LIMITED, a corporation organized under the laws of the Province of ONTARIO, CANADA, having a place of business at 295 Phillip Street, Waterloo, Ontario, N2L 3W8, Canada, (the "ASSIGNEE") is the owner of certain rights, title and interest in and to certain inventions and designs (the "Inventions"); and

WHEREAS RESEARCH IN MOTION UK LIMITED, a corporation organized under the laws of England and Wales, having a place of business at Centrum House, 36 Station Road, Egham, Surrey, TW20 9LF, United Kingdom, (the "ASSIGNOR") and ASSIGNEE are parties to a Selling, General, Administration And Other Services Agreement effective October 23, 2005 (the "SG&A Agreement"), where said SG&A Agreement provides that ASSIGNEE shall be the owner of all developments, modifications, improvements, adaptations of and derivative works, related to the Inventions, whether created by ASSIGNEE or ASSIGNOR or on their behalf ("Developments"); and

WHEREAS ASSIGNOR agrees that it has received full market consideration under the SG&A Agreement; and

WHEREAS ASSIGNOR wishes to confirm that ASSIGNEE is the owner of all rights, title and interest of the ASSIGNOR in and to certain of the Developments ("Creations"), described in documents, descriptions and/or drawings ("Creation Documents"), and/or described in applications for patents, design registrations, utility model registrations and other forms of protection ("Applications"), inclusive of any and all priority rights derived therefrom, and all ancillary rights relating thereto, as listed in "Schedule A" attached hereto.

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged by ASSIGNOR and ASSIGNEE, ASSIGNOR and ASSIGNEE, intending to be legally bound, agree as follows:

ASSIGNOR hereby confirms that it has transferred, conveyed and assigned, and by way of further assurance, to the extent that the transfer, conveyance or assignment has not already been fully effected, ASSIGNOR hereby transfers, conveys and assigns, any and all of its rights, title and interest in and to: the Creations; the Creation Documents; Applications; any further applications for patents, designs, utility models or other forms of protection, rights or titles for the whole or any part or parts of or improvements to the Creations 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 Creations and Creation Documents; 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 Creations, Creation Documents, Applications, Further Applications, Divisionals and Extensions,

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whether such acts are committed before or after the date of this assignment; with the intent that the Creations, Creation Documents, Applications, Further Applications, Divisionals and Extensions are owned and enjoyed by ASSIGNEE absolutely to the full end of the term or terms for same.

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

ASSIGNOR hereby authorizes and requests The Commissioner of Patents, or any equivalent authority, to issue to ASSIGNEE each and every patent, registration and other forms of protection, right and title granted upon the Applications. Further Applications. Divisionals and Extensions.

THIS ASSIGNMENT shall inure to the benefit of ASSIGNEE and its successors and assigns and shall be binding upon ASSIGNOR and its successors and permitted assigns.

IF ANY COVENANT OR PROVISION, or portion thereof, of this document is determined to be void or unenforceable, such void or unenforceable covenant or provision, or portion thereof, is hereby conceded to be severable from the balance of this document, and any such determination shall not, in any event, affect or impair the validity of the balance of the covenant or provision, nor shall it affect or impair the validity of any other covenant or provision herein contained.

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

	Research In Motion UK Limited
Date: OHIS 110	By: Name: Reger Witkufen Title: Puthorized Sagning officer
STATEMENT I	BY WITNESS whose full Post Office Address is
1, Cindy Schrider DOO University Ave kas (Address of	
hereby declare that I was personally present personally known to me to be the person name the same.	* ,
Date: 67 (3110	(Signature of Witness)

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

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Date:	07/13/18	Bel	
		Rv	S. Commentered

Name: William KM.
Title: UN Sharod Services.

STATEMENT BY WITNESS

I,	<u>cindy</u> Schnider	whose full Post Office Address is
	2200 UNVURSITY	AVE East Walton on 10240A7
		(Address of Witness)

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

Date: Of 12/10- Little of Witness)

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SCHEDULE "A" to Confirmation and Assignment

Title	Country Code	Appln. No.	File Date	Agent of Record File #	RIM File #
SYSTEMS AND METHODS FOR ALLOCATING AND TRANSMITTING UPLINK DATA BLOCK TRANSMISSIONS WITH PIGGY-BACKED ACK/NACK BITMAP FIELD	AU	2010201122	22 Mar 2010	945407	35185-AU-PAT
SYSTEMS AND METHODS FOR ALLOCATING AND TRANSMITTING UPLINK DATA BLOCK TRANSMISSIONS WITH PIGGY-BACKED ACK/NACK BITMAP FIELD	8R	To Be Delermined	22 Mar 2010	201000174	35185-BR-PAT
SYSTEMS AND METHODS FOR ALLOCATING AND TRANSMITTING UPLINK DATA BLOCK TRANSMISSIONS WITH PIGGY-BACKED ACKINACK BITMAP	CA	2,697,209	19 Mar 2010	52404-289	35185-CA-PAT
SYSTEMS AND METHODS FOR ALLOCATING AND TRANSMITTING UPLINK DATA BLOCK TRANSMISSIONS WITH PIGGY-BACKED ACK/NACK BITMAP FIELD	CN	201010129490.7	23 Mar 2010	IA101762A	35185-CN-PAT
SYSTEMS AND METHODS FOR ALLOCATING AND TRANSMITTING UPLINK DATA BLOCK TRANSMISSIONS WITH PIGGY-BACKED ACK/NACK BITMAP FIELD	EP	10157291.5	23 Mar 2010	201129EP	35185-EP-EPA

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SYSTEMS AND METHODS FOR ALLOCATING AND TRANSMITTING UPLINK DATA BLOCK TRANSMISSIONS WITH PIGGY-BACKED ACK/NACK BITMAP	IN	666/DEL/2010	20 Mar 2010	11516(P-695)	35185-IN-PAT
SYSTEMS AND METHODS FOR ALLOCATING AND TRANSMITTING UPLINK DATA BLOCK TRANSMISSIONS WITH PIGGY-BACKED ACK/NACK BITMAP FIELD	JP	2010-67039	23 Mar 2010	F1-10J81AHF	35185-JP-PAT
SYSTEMS AND METHODS FOR ALLOCATING AND TRANSMITTING UPLINK DATA BLOCK TRANSMISSIONS WITH PIGGY-BACKED ACK/NACK BITMAP	KR	10-2010-0025891	23 Mar 2010	PA2M1943/JYI	35185-KR-PAT
SYSTEMS AND METHODS FOR ALLOCATING AND TRANSMITTING UPLINK DATA BLOCK TRANSMISSIONS WITH PIGGY-BACKED ACKINACK BITMAP FIELD	SG	201001994-1	23 Mar 2010	LPN/DL/MY/S.2010002 009	35185-SG-PAT
SYSTEMS AND METHODS FOR ALLOCATING AND TRANSMITTING UPLINK DATA BLOCK TRANSMISSIONS WITH PIGGY-BACKED ACK/NACK BITMAP	TW	099108426	22 Mar 2010	R24737/147220-HAL	35185-TW-PAT
SYSTEMS AND METHODS FOR ALLOCATING AND TRANSMITTING UPLINK DATA BLOCK TRANSMISSIONS WITH PIGGY-BACKED ACK/NACK BITMAP	US	12/729,534	23 Mar 2010	9509,018.NPUS00	35185-US-PAT

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SYSTEM AND METHODS FOR ALLOCATING AND TRANSMITTING UPLINK DATA BLOCK TRANSMISSIONS WITH	US	61/162,550	23 Mar 2009	291010-01558	35186-US-PRV
PIGGY-BACKED ACK/NACK BITMAP FIELD					
SYSTEMS AND METHODS FOR ALLOCATING AND TRANSMITTING UPLINK DATA BLOCK	WO	PCT/CA2010/000380	19 Mar 2010	52404-298	35185-WO-PCT

PATENT REEL: 026912 FRAME: 0913

RECORDED: 09/15/2011