504738974 01/22/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4785702

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NICHOLAS WILLIAM ANDERSON	09/04/2012
RICHARD CHARLES BURBIDGE	11/26/2012
GORDON PETER YOUNG	11/18/2012

RECEIVING PARTY DATA

Name:	RESEARCH IN MOTION UK LIMITED
Street Address:	CENTRUM HOUSE, 36 STATION ROAD
City:	EGHAM, SURREY
State/Country:	UNITED KINGDOM
Postal Code:	TW20 9LF

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15682303

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: apsi@fr.com

Correspondent Name: FISH & RICHARDSON P.C.

Address Line 1: P.O. BOX 1022

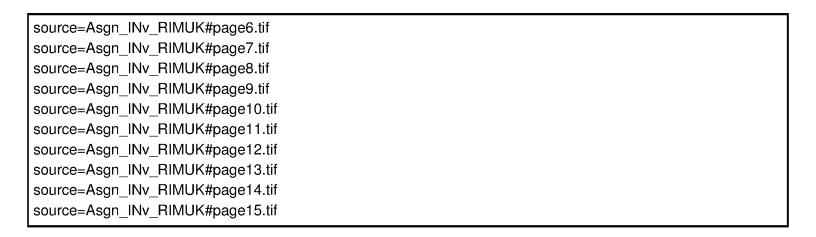
Address Line 4: MINNEAPOLIS, MINNESOTA 55440

ATTORNEY DOCKET NUMBER:	29717-1145003
NAME OF SUBMITTER:	CHRISTIE LOVEN
SIGNATURE:	/Christie Loven/
DATE SIGNED:	01/22/2018

Total Attachments: 15

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> **PATENT REEL: 045102 FRAME: 0588** 504738974



PATENT REEL: 045102 FRAME: 0589

WORLDWIDE ASSIGNMENT

WHEREAS, HWE, persinalter referred to as the "ASSIGNOR(S)"):

Nicholas William ANDERSON, 72 London Road, Warmley, Bristol, B930 5JL. United Kingdom

Richard Charles RURBIDGE, 200 Bath Road, Ext. 47496, Slough, Berkshire, SLI 3XE.
United Kinedom

Gordon Pater VOUNG, 18 Signal Road, Shipston-on-Strut. Warwickshire, CV36 4GF. United Kingdom

em en are inventor(s) of an invention entitled SUSPENDING A CONNECTION IN A WIRELESS COMMUNICATION SYSTEM ("Invention") for which one or more applications for patent design registration, utility made registration or other form of protection, rights, or this have been or will be made in certain countries ("Applications"), as further described below:

PCT, Application No.: PCT/EP2012/065582, Filed August 8, 2012 Taiwan, Application No.: 101129169, Filed August 10, 2012

AND WHEREAS, RESEARCH IN MOTION UK LIMITED, (bereinsafter referred to as the "ASSIGNEE"), a company organized under the laws of England and Walcs, having a place of business at Commun House. 36 Station Road, Egham, Surrey, TW20 9LF. United Kingdom, is desirous of equiring the full and exclusive right, little and interest in and to said breatism, 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 layerston.

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which are beauty action wiedged. ASSIGNOR(S) does do hereby confirm that ASSIGNOR(S) books to considered, conveyed and assigned, and by way of further assurance does do hereby transfer. Convey and assign, any and all of ASSIGNOR(S) is respective rights, first and interest in and to the lovertion, the Applications, inclusive of any and all priority rights, including the right to camp provity, derived from the Applications, any further applications for patent, design registration in the provideration of other forms of protection, rights or tiles 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, willthe provider registrations and continuation applications of any one or more of the Applications, withit y readel registrations and all

Page 1 of 5

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Other forms of protection, rights and titles relating to the Invention; the right in and to any patent or retissus 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 acceptanced 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 ASSIC (CEE) 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 parents and registrations granted thereon and other forms of protection, rights and files relating thereto, and ASSIGNOR(8) further agrees/agree to execute axis request and at the expense of ASSIGNOE 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 beachy authorize ASSIGNED or its potent agents or aftomores to insert above the puradictions, application number. Thing dates and any other indicate them is no the Applications when cach information is available for the purpose of recording this arrangement.

ASSIGNOR(S) decayle bereby authorize and request The Commissioner of Patents or any equivalent authority to issue to ASSIGNEE each and every patent, registration and confident of protection, right, and title granted upon the Applications, Further Applications, Divisionals and Extensions.

THIS WORLDWIDE ASSIGNMENT shall inside the benefit of ASSICNEE and in successors and applicate and shall be binding upon ASSIGNOR(S) and their successors and purposed assigns

DELIVERY of this Worldwide Assignment by copy, however transmitted, constitutes which and effective delivery. This Worldwide Assignment may be executed in one of thirt consequence each of which when so executed and delivered shall be an original, and such consequences shall begather constitute one and the same instrument.

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Page 2 of 5

wn to me to be a person named in the Worldwide Assignment, duly sign and execure s	
1. Course full Post Office addres A L Louiseau La MARALET MARA ESTO SSL (Address of Witness) by declare that I was personally present and did see the above named person, personal way to me to be a person named in the Worldwide Assignment, duly sign and execute s	
A L. Lowbook Lis. NARANCET BOKES. ESS SD. (Address of Witness) by declare that I was personally present and did see the above named person, personal son to me to be a person harded in the Worldwide Assignment, duly sign and exceute s	
(Address of Witness) thy declars that I was personally present and did see the above named person, personal swa to me to be a person named in the Worldwide Assignment, duly sign and execute s	
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Fage 5 of 5	V63)

	Date:	
bard Charles BURBINGE Both Road, Ext. 47496 agh, Bertablire, SLI 3XE lied Kingdom		
	STATEMENT BY WITNESS	
1	, whose full Post Office at	idres: ix
ibs declare that I was person	(Address of Winess) ally present and did see the above named person, per-	onalis
rwn to me to be a person can		omally inc seme.
eve to est a partae tim	ally present and did are the above named person, person in the Worldwide Assignment, duly sign and exec	imally use seme.

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IN WITNESS WHEREOF, this one exsigned:	s Worldwide Assignment has been execute	d below by the
Gordon Peter YOUNG 18 Signal Road Shipson-on-Stour, Warwick United Kingdom	Dates skire, CV36 4GF	
	STATEMENT BY WITNESS	
X	, whose full P	ost Office address is
	(Address of Witness)	
hereby declare that I was person known to me to be a person ne	naily present and did see the above named med in the Worldwide Assignment, duly si	person, personally galand execute some
(Signature of Witness)	Dave:	
(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(
	Page S of S	VSG

WORLDWIDE ASSIGNMENT

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

Nicholas William ANDERSON, 72 London Road, Warmley, Bristol, BS30 5JL United Kingdom

Richard Charles BURBIDGE, 200 Bath Road, Ext. 47496, Slough, Berkshire, SL1 3XE United Kingdom

Gordon Peter YOUNG, 18 Signal Road, Shipston-on-Stour, Warwickshire, CV36 4GF United Kingdom

am an/are inventor(s) of an invention entitled SUSPENDING A CONNECTION IN A WIRELESS COMMUNICATION 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:

PCT, Application No.: PCT/EP2012/065552, Filed August 8, 2012

Taiwan, Application No.: 101129109, Filed August 10, 2012

AND WHEREAS, RESEARCH IN MOTION UK LIMITED, (hereinafter referred to as the "ASSIGNEE"), a company 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, 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

Page 1 of 5 V60

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 time 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, thi undersigned:	is Worldwide Assignment has been executed below by	th
undersigned.		
	Date:	
Nicholas William ANDERSON 72 London Road Warmley, Bristol, BS30 5JL United Kingdom		
STA	TEMENT BY WITNESS	
I,	, whose full Post Office address i	
((Address of Witness)	
hereby declare that I was personally pr known to me to be a person named in t	resent and did see the above named person, personally the Worldwide Assignment, duly sign and execute same	e.
(Signature of Witness)	Date:	
(Signature of Williess)		
	Page 3 of 5 V6	
	Page 3 of 5 V6	33.3

REEL: 029492 FRAME: 0597

	RIM Family Ref. No.: 41757
IN WITNESS WHEREOF, this Wor undersigned:	ldwide Assignment has been executed below by the
Richard Charles BURBIDGE 200 Bath Road, Ext. 47496 Slough, Berkshire, SL1 3XE United Kingdom	Date:
STA	ATEMENT BY WITNESS
Ĭ,	, whose full Post Office address is
	(Address of Witness)
hereby declare that I was personally p known to me to be a person named in	present and did see the above named person, personally the Worldwide Assignment, duly sign and execute same.
(Signature of Witness)	Date:

Page 4 of 5

RIM :	Family	Ref.	No.:	41757
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IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:				
Date: 18th November 2012 Gordon Peter YOUNG 18 Signal Road Shipston-on-Stour, Warwickshire, CV36 4GF United Kingdom				
STATEMENT BY WITNESS				
I, <u>Lise</u> (한민원, whose full Post Office address is				
1 LAKIN ROAD, WARWICK, WARWICKSHIRE, UK. CV34 SBU. (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: 18 - Nov - 2012 Signature of Witness)				

Page 5 of 5

WORLDWIDE ASSIGNMENT

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

Nicholas William ANDERSON, 72 London Road, Warmley, Bristol, BS30 5JL United Kingdom

Richard Charles BURBIDGE, 200 Bath Road, Ext. 47496, Slough, Berkshire, SL1 3XE, United Kingdom

Gordon Peter YOUNG, 18 Signal Road, Shipston-on-Stour, Warwickshire, CV36 4GF United Kingdom

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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

Page 1 of 5 V6.0

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.

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IN WITNES undersigned:	S WHEREOF, this Worldwide Assignment has been exc	ecuted below by the
	Date:	
Nicholas William / 72 London Road Warmley, Bristol, United Kingdom		
	STATEMENT BY WITNESS	
I,	, whose full Post	Office address is
	(Address of Witness)	
hereby declare that known to me to be a	I was personally present and did see the above named pe a person named in the Worldwide Assignment, duly sign	rson, personally and execute same.
(Signature of Witne	Date:ss)	
	Page 3 of 5	V6.0

IN WITNESS WHEI undersigned:	REOF, this Worldwide Assignment has been executed below by the				
Richard Charles BURBIDGE 200 Bath Road, Ext. 47496 Slough, Berkshire, SL1 3XE United Kingdom					
STATEMENT BY WITNESS					
1,	火ルミルシャ いぞく , whose full Post Office address is				
	Path Rough 3/800/ 321 3XE (Address of Wimess)				
hereby declare that known to me to be a	I was personally present and did see the above named person, personally a person named in the Worldwide Assignment, duly sign and execute same.				
人はられる _の (Signature of Witne					

Page 4 of 5

IN WITNESS WHE undersigned:	REOF, this Worldwide Assignment has been executed below by the			
Gordon Peter YOU	Date:			
18 Signal Road	Warwickshire, CV36 4GF			
	STATEMENT BY WITNESS			
Ì,	, whose full Post Office addre			
	(Address of Witness)	ĸ.		
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 Witne	Date:			
	Page 5 of 5	V6.0		

PATENT REEL: 029492 FRAME: 0604

RECORDED: 02/29/2012