PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Edward Eric THOMAS	01/16/2012
Arun KUMAR	03/07/2012

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: 1

Property Type	Number
Patent Number:	8171419

CORRESPONDENCE DATA

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Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Address Line 4: Vancouver, BC, CANADA V7X 1T2

NAME OF CURMITTER.	Haidi Dayasana
ATTORNEY DOCKET NUMBER:	PAT 100936-2

NAME OF SUBMITTER: || Heidi Baxmann

Total Attachments: 8

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PATENT REEL: 029816 FRAME: 0331

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> PATENT REEL: 029816 FRAME: 0332



RIM Family Ref. No.: 34076-ID

BLG Ref.: PAT 100936-0

WORLDWIDE ASSIGNMENT

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

Edward Eric THOMAS - 3026 Solandt Road, Suite 100, 102, Extension 13158, Ottawa, Ontario, K2K 2A5, CANADA

Arun KUMAR - 295 Phillip Street, Extension 78595, Waterloo, Ontario, N2L 3W8 CANADA

am an/are inventor(s) of an invention entitled **METHOD AND SYSTEM FOR REMOTE MEDIA MANAGEMENT ON A TOUCH SCREEN 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 Patent Application Serial No. 12/262,334, filed October 31, 2008

European Patent Application No. 08168103.3, filed October 31, 2008 Canadian Patent Application No. 2,679,911, filed September 23, 2009

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; 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

Page 1 of 4

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.

Page 2 of 4

IN WITNESS WHEREOF, this Worldwindown by the undersigned:	de Assignment has been executed below
Edward Eric THOMAS 3026 Solandt Road, Suite 100, 102 Extension 13158 Ottawa, Ontario K2K 2A5 CANADA	Date: <u>San. 16, 2012</u>
STATEMENT B	
I, <u>Sylvia Yu</u> is <u>395 Breckenridge Cruscht</u> (Address of	, whose full Post Office address
15395 Breikenrikge Crucht	Kanata ON KZW 151
(Address of	Witness)
hereby declare that I was personally presen personally known to me to be a person nam sign and execute same.	t and did see the above named person,
(Signature of Witness)	Date: <u>Jan 16,2017</u>

IN WITNESS WHEREOF, this Worldw the undersigned:	vide Assignment has been executed below by
	Date:
Arun KUMAR 295 Phillip Street, Extension 78595 Waterloo, Ontario N2L 3W8 Canada	
STATE	MENT BY WITNESS
Ι,	, whose full Post Office address
Is	
(Add	fress of Witness)
	present and did see the above named person, son named in the Worldwide Assignment, duly
	Date:
(Signature of Witness)	

WORLDWIDE ASSIGNMENT

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

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Arun KUMAR - 295 Phillip Street, Extension 78595, Waterloo, Ontario, N2L 3W8 CANADA

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IN WITNESS WHEREOF, this World by the undersigned:	lwide Assignment has been executed below
	Date:
Edward Eric THOMAS 3026 Solandt Road, Suite 100, 102 Extension 13158 Ottawa, Ontario K2K 2A5 CANADA	
STATEMENT	T BY WITNESS
I,	, whose full Post Office address
is	
(Address	of Witness)
hereby declare that I was personally pre- personally known to me to be a person n sign and execute same.	sent and did see the above named person, amed in the Worldwide Assignment, duly
(P)	Date:
(Cinnature of Witness)	

IN	WITNESS	WHEREOF,	this	Worldwide	Assignment	has	been	executed	below	by
the	undersigi	ned: 🔍 🔠								

Arun KUMAR

295 Phillip Street, Extension 78595 Waterloo, Ontario N2L 3W8

Canada

STATEMENT BY WITNES	TATEMENT	BY	WITH	VESS
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s	224	Cour	Jrysten	e Cres.	Litche	n 25	<u> </u>
7	manifelegrammani in i		(Addre	ss 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: 4/47/4 7, 2012