504248567 02/28/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4295245

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

CONVEYING PARTY DATA

Name	Execution Date
SATISH VENKOB	02/09/2011
STEVEN MICHAEL HANOV	05/31/2010
REMO BORSELLA	06/08/2010

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:	14973012
Application Number:	15394081

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:	29717-0916002	
NAME OF SUBMITTER:	CHRISTIE LOVEN	
SIGNATURE:	/Christie Loven/	
DATE SIGNED:	02/28/2017	

Total Attachments: 5

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> **PATENT REEL: 041399 FRAME: 0683** 504248567

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PATENT REEL: 041399 FRAME: 0684

WORLDWIDE ASSIGNMENT

WHEREAS, WE, (hereinafter referred to as the "ASSIGNORS"):

Satish Venkob, 75802 – 295 Phillip Street, Waterloo, Ontario N2L 3W8 Canada, Steven Michael Hanov, 75358 – 295 Phillip Street, Waterloo, Ontario N2L 3W8 Canada Remo Borsella, 77412 – 295 Phillip Street, Waterloo, Ontario N2L 3W8 Canada

have invented a COMMUNICATION STATION AND METHOD FOR TRANSMITTING ON A RANDOM ACCESS CHANNEL ("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/IB2011/051003, Filed on March 10, 2011 United States, Application No. 13/045,078, Filed on March 10, 2011 Taiwan, Application No. 100108158, Filed on March 10, 2011 Europe, Application No. 10290128.7, Filed on March 12, 2010

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, ASSIGNORS do hereby confirm that ASSIGNORS have transferred, conveyed and assigned, and by way of further assurance do hereby transfer, convey and assign, any and all of ASSIGNORS'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,

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Divisionals and Extensions are owned and enjoyed by ASSIGNEE absolutely to the full end of the term or terms for same.

ASSIGNORS 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 ASSIGNORS further 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.

ASSIGNORS 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.

ASSIGNORS 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 ASSIGNORS 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: 09/02/2011

Satish Venkob

75802 - 295 Phillip Street

Waterloo, Ontario N2L 3W8 Canada

STATEMENT BY WITNESS

I,AM	IT BANSAL		, who	se full Post Office add	ress is
735	Butternut	Ave	, waterlo	N2V2L1	
,	···	ddress o	f 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: Feb 9, 2011

(Signature of Witness)

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

Date: Mry 31, 2010

Steven Michael Hanov 75358 – 295 Phillip Street Waterloo, Ontario N2L 3W8 Canada

STATEMENT BY WITNESS

I,	Wingo Wong		-	, whose full Post Office address is
40	Bernadotte Dr	Markhan	ON	L6C 3H1
(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: May 31, 2010

(Signature of Witness)

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

Date: 3th June 2010

Remo Borsella

77412 - 295 Phillip Street

Waterloo, Ontario N2L 3W8 Canada

STATEMENT BY WITNESS

I, <u>Sevde Aslı Dinc Celikoglu</u>, whose full Post Office address is

522 Virginia Creeper St. N2V2W3 Waterloo, ON (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: June 08, 2010

(Signature of Witness)

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PATENT REEL: 026399 FRAME: 0968