506679646 05/24/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6726463

NATURE OF CONVEYANCE: Corrective Assignment to correct the ASSIGNMENT DOCUMENT	SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
confirms the ASSIGNMENT.		previously recorded on Reel 056221 Frame 0942. Assignor(s) hereby

CONVEYING PARTY DATA

Name	Execution Date
RESEARCH IN MOTION DEUTSCHLAND GMBH	05/13/2011

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
Application Number:	17200181

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.

 Phone:
 2147475070

 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:	29717-0915005
NAME OF SUBMITTER:	MONICA GAMEZ
SIGNATURE:	/Monica Gamez/
DATE SIGNED:	05/24/2021

Total Attachments: 7

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PATENT 506679646 REEL: 056354 FRAME: 0853

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PATENT REEL: 056354 FRAME: 0854

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6706820

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RESEARCH IN MOTION DEUTSCHLAND GMBH	05/13/2011

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
Application Number:	17200181

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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

Phone: 2147475070 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:	29717-0915005
NAME OF SUBMITTER:	MONICA GAMEZ
SIGNATURE:	/Monica Gamez/
DATE SIGNED:	05/12/2021

Total Attachments: 6

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PATENT REEL: 056354 FRAME: 0855

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 DEUTSCHLAND GMBH, a corporation organized under the laws of Germany, having a place of business at Lindencorso, Unter den Linden 21, 10117 Berlin, Germany, (the "ASSIGNOR") and ASSIGNEE are parties to a Research and Development Services Agreement effective June 1, 2008 and as amended from time to time (the "R&D Agreement"), where said R&D 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 R&D 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, 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, whether such acts are committed before or after the date of this assignment; with the intent that the Creations, Creation Documents, Applications, Further Applications,

V5.0

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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.

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 Deutschland GMBH

Date: 05/13/11

Name: James Balsillie Title: managing DiReator

STATEMENT BY WITNESS

I,	Ella	_ Hvakove	whose full Post O	ffice Address is
22	00	University Ave	East waterloo	ON NOK OA T
		(Addres	ss 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: 05/13/11

(Signature of Witness)

Legal OK

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

Research In Motion Limited

Date: 05/10/1/

Name: CARY BECK

Title: ANTICORTIED SIGNALLY OFFICER

STATEMENT BY WITNESS

I, <u>llo frafora</u> whose full Post Office Address is

2200 University five East, Wafeeloo ON N2 KOA?
(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: 05/10/11

(Signature of Witness)

Legal OK

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SCHEDULE "A" to Confirmation and Assignment

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Page 1 of 2

PATENT REEL: 056354 FRAME: 0860 Page 2 of 2

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m	11152694.3	Jan 31 2011	40133-EP-EPA
US	13/017472	Jan 31 2011	40133-US-PAT
US	61/438065		40243-US-PRV

PATENT REEL: 056354 FRAME: 0861

RECORDED: 05/24/2021