PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2945848

| SUBMISSION TYPE: | CORRECTIVE ASSIGNMENT | | |
|-----------------------|--|--|--|
| NATURE OF CONVEYANCE: | Corrective Assignment to correct the ASSIGNEE NAME CONVEYING PARTY DATA previously recorded on Reel 033333 Frame 0680. Assignor(s) hereby confirms the ASSIGNMENT. | | |

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| ABDALLAH IBDAH | 10/13/2011 |
| ENNIS AL-ASAAED | 10/12/2011 |

RECEIVING PARTY DATA

| Name: | RESEARCH IN MOTION LIMITED | |
|-----------------|----------------------------|--|
| Street Address: | 295 PHILIP STREET | |
| City: | WATERLOO | |
| State/Country: | CANADA | |
| Postal Code: | N2L 3W8 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 14333847 | |

CORRESPONDENCE DATA

Fax Number: (416)363-8429

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.

4164798647 Phone:

mmena@rowandlaw.com Email:

ROWAND LLP Correspondent Name:

Address Line 1: 2ND FLOOR, 8 WELLINGTON STREET EAST

Address Line 4: TORONTO, CANADA M5E 1C5

| ATTORNEY DOCKET NUMBER: | 101-0202USP2 |
|-------------------------|------------------|
| NAME OF SUBMITTER: | JEFFREY TRACEY |
| SIGNATURE: | /Jeffrey Tracey/ |
| DATE SIGNED: | 07/21/2014 |

Total Attachments: 5

source=07212014094839251#page1.tif source=07212014094839251#page2.tif source=07212014094839251#page3.tif source=07212014094839251#page4.tif

> **PATENT** REEL: 033361 FRAME: 0629 502899251

source=07212014094839251#page5.tif

PATENT REEL: 033361 FRAME: 0630







Electronic Patent Assignment System

Confirmation Receipt

Your assignment has been received by the USPTO. The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

| SUBMISSION TYPE: | NEW ASSIGNMENT | |
|-----------------------|----------------|--|
| NATURE OF CONVEYANCE: | ASSIGNMENT | |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------|-----------------------|
| ABDALLAH IBDAH | 10/13/2011 |
| | |

RECEIVING PARTY DATA

| Name: | ROWAND LLP |
|-----------------|-------------------------------------|
| Street Address: | 2ND FLOOR, 8 WELLINGTON STREET EAST |
| City: | TORONTO |
| State/Country: | CANADA |
| Postal Code: | M5E 1C5 |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 14333847 | |

CORRESPONDENCE DATA

Fax Number:

(416)363-8429

Phone:

4164798647

Email:

mmena@rowandlaw.com

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.

Correspondent Name:

ROWAND LLP

Address Line 1:

2ND FLOOR, 8 WELLINGTON STREET EAST

Address Line 4:

TORONTO, CANADA M5E 1C5

| ATTORNEY DOCKET NUMBER: | 101-0202USP2 | |
|-------------------------|------------------|--|
| NAME OF SUBMITTER: | JEFFREY TRACEY | |
| Signature: | /Jeffrey Tracey/ | |
| Date: | 07/17/2014 | |

Total Attachments: 3

source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif

RECEIPT INFORMATION

EPAS ID:

PAT2942714

Receipt Date:

07/17/2014

Return to home page

| HOME | INDEX | SEARCH | eBUSINESS | CONTACT US | PRIVACY STATEMENT

PATENT REEL: 033361 FRAME: 0632

RIM Family Ref. No.: 40180

WORLDWIDE ASSIGNMENT

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

AL-ASAAED, Ennis, 4000 Innovation Drive, Ext. 12058, Kanata, Ontario, K2K 3K1, Canada

IBDAH, Abdallah, 4000 Innovation Drive, Ext. 13280, Kanata, Ontario, K2K 3K1, Canada

am an/are inventor(s) of an invention entitled USER INTERFACE METHODS AND APPARATUS FOR USE IN COMMUNICATING TEXT AND PHOTO MESSAGES ("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:

| US, Application No | 13/273,465 | , filed on | October 14, 2011 |
|--------------------|------------|------------|------------------|
| EP, Application No | 11185319.8 | , filed on | October 14,2011 |

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; 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

Page 1 of 4

V5.1

RIM Family Ref. No.: 40180

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, filling dates and any other indicin 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.

RIM Family Ref. No.: 40180

Date: October 12th 2011

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

AL-ASAAED, Emais
4000 Innovation Drive, Ext. 12058
Kanata, Ontario, K2K 3K1

Canada

STATEMENT BY WITNESS

I, Assid Vascin whose full Post Office address is

Kooo innovation Dr. K2K 3K1 O Hawa O N.

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: Oct. 12th, 2011

RIM Family Ref. No.: 40180

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

IBDAH, Abdallah

4000 Innovation Drive, Ext. 13280 Kanata, Ontario, K2K 3K1

Canada

STATEMENT BY WITNESS

Date: Oct.13, 2011

I, Jeffney Young, whose full Post Office address is

20 ELMSLEY CR., OTTAWA KEH6V?
(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.

(Signature of Witness)

Date: Oct 13 12, 7011

Page 4 of 4

V5.1