PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3078245

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

CONVEYING PARTY DATA

| Name | Execution Date |
|----------|----------------|
| RUNBO FU | 07/05/2004 |
| WEN ZHAO | 07/05/2004 |
| XIN JIN | 07/05/2004 |

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14521771 |

CORRESPONDENCE DATA

Fax Number: (416)216-3930

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

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| ATTORNEY DOCKET NUMBER: | 05200204-152US-2 |
|-------------------------|------------------|
| NAME OF SUBMITTER: | DAVID NG |
| SIGNATURE: | /David Ng/ |
| DATE SIGNED: | 10/23/2014 |

Total Attachments: 3

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PATENT 503031645 REEL: 034020 FRAME: 0370

WORLDWIDE ASSIGNMENT

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

Runbo FU, 18 Scissons Road, Kanata, Ontario K2M 2X3, Canada;

Wen ZHAO, 27 Wynridge Place, Kanata, Ontario K2M 2S8, Canada; and

Xin JIN, 508-1129 Meadowlands Drive, Ottawa, Ontario K2E 6J6, Canada

has/have invented certain new and useful improvements in an invention entitled METHOD AND APPARATUS FOR CREATING A COMMUNICATION GROUP USING AN ADDRESS BOOK for which an application for United States Letters Patent will be filed, and as further identified by Docket No. 16813-3US and RIM Reference No. 661; and

WHEREAS, RESEARCH IN MOTION LIMITED, (hereinafter referred to as the "ASSIGNEE"), a corporation organized under the laws of the Province of Ontario, CANADA, having a place of business at 295 Phillip Street, Waterloo, Ontario, CANADA, N2L 3W8, is desirous of acquiring the full and exclusive right, title and interest in and to said application inclusive of any and all priority rights derived therefrom and the inventions therein disclosed, and in and to all Letters Patent, both United States and foreign, to be granted for said inventions;

NOW, THEREFORE, for a valuable consideration, the receipt whereof is hereby acknowledged, I/WE, ASSIGNOR(S) does/do hereby confirm sale, assignment, transfer, and set over, and hereby sell, assign, transfer, and set over unto the ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest in and to the aforesaid application for United States all priority rights derived therefrom, and the inventions therein disclosed, and in and to all Letters Patent and issues thereof which may be granted upon said application and in and to all Letters Patent which may be issued upon any substitutes, divisions, or continuations of said application, and in and to any and all Letters Patent which may be granted for said inventions in any foreign country or countries; the same to be held and enjoyed by the ASSIGNEE for its own use and behoof, and for the use and behoof of its successors and assigns, to the full end of the term or terms for which said Letters Patent and reissues thereof may be granted as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made;

AND I/WE, ASSIGNOR(S) hereby agrees/agree to execute, upon request, any and all further papers which may be necessary or desirable to enable the ASSIGNEE, its successors and assigns, to file and prosecute said application, and any and all substitutes, divisions, or continuations thereof, and any and all applications for foreign Letters Patent on said inventions; and ASSIGNOR(S) further agrees/agree to execute any and all further papers which may be necessary or desirable to vest or perfect the title of ASSIGNEE, its successors and assigns, in and to said application and the inventions therein disclosed, and in and to any and all Letters Patent and reissues thereof, both United States and foreign, which may be granted upon said application, and any substitutes, divisions, or continuations thereof, and upon any foreign applications.

AND I/WE, ASSIGNOR(S) hereby authorizes/authorize and requests/request The Commissioner of Patents to issue each and every Letters Patent to be granted upon the aforesaid application for United States Letters Patent, and upon any and all substitutes, divisions, and continuations of said application, and each and every reissue of said Letters Patent, to the ASSIGNEE, its successors and assigns, as the assignee of the entire right, title and interest therein, in accordance with this assignment.

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PATENT REEL: 034020 FRAME: 0371 IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

| Inventor 1: | | |
|---|--|--|
| Date: Tuly 5, 200 4 | 1 | |
| | Runbo FU | |
| | | |
| | STATEMENT BY WITNESS | 3 |
| I, Jean M. Campbell | , whose full Post Of | fice address is |
| I, Jean M. Campbell 21 Mohawk Cr. | Nepean, ON, KZH | 767 - Canada |
| | (Address of Witness) | |
| hereby declare that I was person known to me to be the person nar | nally present and did see the med in the assignment, duly sign | above named person, personally and execute the same. |
| Date: July 5/64 | (Signature of Witness) | Sell |
| Inventor 2: | | |
| Date: July 5, dow 4 | Wen ZHAO | 10 |
| | STATEMENT BY WITNESS | |
| I, Jean M. Campbell 21 Mohawk Cres., | whose full Post Of | fice address is |
| 21 Mohawk Cres. | Nepean, ON KZH7 | G7, Canado |
| | (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: July 5/04

(Signature of Witness)

Page 2 of 3

PATENT REEL: 034020 FRAME: 0372

| Inventor 3: | <i></i> |
|---|--|
| Date: July 5,04 Xin JIN | |
| STATEMENT BY WITNESS | |
| I, Jean M. Campbell , whose full Post Office , Nepean, DN, K2H 7G7 (Address of Witness) | ce address is |
| hereby declare that I was personally present and did see the a known to me to be the person named in the assignment, duly sign | above named person, personally and execute the same. |
| Date: July 5/of (Signature of Witness) | bell |

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PATENT REEL: 034020 FRAME: 0373

RECORDED: 10/23/2014