

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | |
|---|----------------------------|---------------|----------------|---------------------|------------|---------------|------------|--------------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>YIHONG QI</td> <td>02/02/2005</td> </tr> <tr> <td>YING TONG MAN</td> <td>02/02/2005</td> </tr> <tr> <td>PERRY JARMUSZEWSKI</td> <td>02/02/2005</td> </tr> </tbody> </table> | | Name | Execution Date | YIHONG QI | 02/02/2005 | YING TONG MAN | 02/02/2005 | PERRY JARMUSZEWSKI | 02/02/2005 |
| Name | Execution Date | | | | | | | | |
| YIHONG QI | 02/02/2005 | | | | | | | | |
| YING TONG MAN | 02/02/2005 | | | | | | | | |
| PERRY JARMUSZEWSKI | 02/02/2005 | | | | | | | | |
| 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 | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12984411</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 12984411 | | | | |
| Property Type | Number | | | | | | | | |
| Application Number: | 12984411 | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | |
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| Email: | cfregan@addmg.com | | | | | | | | |
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| Address Line 2: | Suite 1401 | | | | | | | | |
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| ATTORNEY DOCKET NUMBER: | 12784-US-CNT (85026CON1) | | | | | | | | |
| NAME OF SUBMITTER: | CHRISTOPHER F. REGAN | | | | | | | | |

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PUS2784 (85026)

A S S I G N M E N T

WHEREAS, Yihong QI of Waterloo, Ontario, Canada; and Ying Tong MAN of Kitchener, Ontario, Canada; and Perry JARMUSZEWSKI of Waterloo, Ontario, Canada; hereinafter referred to as ASSIGNORS, have made certain improvements or inventions in MOBILE WIRELESS COMMUNICATIONS DEVICE PROVIDING PATTERN/FREQUENCY CONTROL FEATURES AND RELATED METHODS, for which ASSIGNORS have executed an application for United States Letters Patent filed herewith in the United States Patent and Trademark Office; and

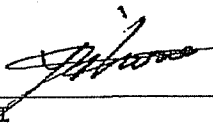
WHEREAS, RESEARCH IN MOTION LIMITED, a corporation organized under the laws of the Province of Ontario, Canada, hereinafter referred to as ASSIGNEE, is desirous of acquiring the same;

NOW THEREFORE, This Indenture Witnesseth: That for good and valuable consideration, receipt whereof is hereby acknowledged, said ASSIGNORS do hereby sell, assign and transfer to said ASSIGNEE, its successors and assigns, all right, title and interest in and to said United States Patent application, the invention or inventions therein shown and described and any improvements on said inventions heretofore or hereafter made, any divisions or continuations of said application, and all patents, United States and foreign, to be granted upon any such application or for the invention or inventions thereof, and any reissues, continuations or extensions of said patents; and said ASSIGNORS do hereby authorize and request the Commissioner of Patents to issue all patents on said United States Patent applications or for the invention or inventions hereof, in accordance with this assignment.

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And said ASSIGNORS for said consideration hereby covenants and agrees that said ASSIGNORS are the owners of the full title herein conveyed and have the right to convey the same, and agree that said ASSIGNORS will communicate to said ASSIGNEE any facts known to said ASSIGNORS respecting said invention or inventions, and testify in any legal proceedings when called upon by said ASSIGNEE, sign all lawful papers deemed by said ASSIGNEE as expedient to vest in it the legal title herein sought to be conveyed or for the filing and prosecution of all applications and patents, United States and foreign, and otherwise aid said ASSIGNEE, its successors and assigns, in obtaining full patent protection on said invention and enforcing proper protection under said patents, but in every instance at the ASSIGNEE'S expense.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 02 day of February, 2005.



Yihong Qi

Witness: Nagula - T Sangary


Printed

Name: Nagula Thamma Sangary

Date: February, 02, 2005

PUS2784 (85026)

IN WITNESS WHEREOF, I have hereunto set my hand
and seal this 02 day of February, 2005.

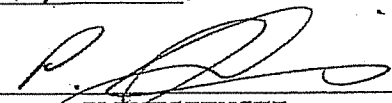

Ying Tong MAN

Witness: Nagula P. Sangary

Printed
Name: Nagula Thamma Sangary

Date: Feb, 02, 2005

IN WITNESS WHEREOF, I have hereunto set my hand
and seal this 2nd day of FEBRUARY, 2005.


Perry JARMUSZEWSKI

Witness: Nagula P. Sangary

Printed
Name: Nagula Thamma Sangary

Date: Feb. 02, 2005