

## PATENT ASSIGNMENT

Electronic Version v1.1  
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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>Peter J. Edmonson</td> <td>09/27/2001</td> </tr> <tr> <td>Colin K. Campbell</td> <td>10/02/2001</td> </tr> </tbody> </table>		Name	Execution Date	Peter J. Edmonson	09/27/2001	Colin K. Campbell	10/02/2001				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Research In Motion Limited</td> </tr> <tr> <td>Street Address:</td> <td>295 Phillip Street</td> </tr> <tr> <td>City:</td> <td>Waterloo</td> </tr> <tr> <td>State/Country:</td> <td>CANADA</td> </tr> <tr> <td>Postal Code:</td> <td>N2L 3W8</td> </tr> </table>		Name:	Research In Motion Limited	Street Address:	295 Phillip Street	City:	Waterloo	State/Country:	CANADA	Postal Code:	N2L 3W8
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 2165790212          Phone: 216-586-7387          Email: dlpejeau@jonesday.com  <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Jones Day (RIM) - 2N          Address Line 1: North Point          Address Line 2: 901 Lakeside Avenue          Address Line 4: Cleveland, OHIO 44114</p>											
ATTORNEY DOCKET NUMBER:	555255-013176										
NAME OF SUBMITTER:	Debra Pejeau										
<p>Total Attachments: 3          source=013176_Assignment#page1.tif          source=013176_Assignment#page2.tif          source=013176_Assignment#page3.tif</p>											

CH \$40.00 13563922

## ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in

### WIRELESS COMMUNICATION SYSTEM USING SURFACE ACOUSTIC WAVE (SAW) SECOND HARMONIC TECHNIQUES

and are the subject of a patent application filed with the United States Patent and Trademark Office on May 23, 2001, and assigned Serial No. 09/863,944, and executed by the undersigned on the dates indicated below in the appropriate spaces to the left of the signatures of the undersigned, which application is further identified as Jones, Day, Reavis & Pogue Docket No. 555255-012235.


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, CANADA N2L 3W8, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Jones, Day, Reavis & Pogue the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

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

Date: Sept 27/01



Peter J. Edmonson  
138 Stone Church Road East  
Hamilton, Ontario L9B 1A9  
CANADA

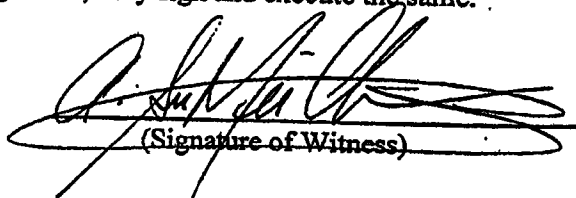
STATEMENT BY WITNESS

I, A. Su Mei Cheung, whose full Post Office  
(Name of Witness)

address is 19 Bond Court, Guelph, Ont, N1H8N6, Canada  
(Address of Witness)

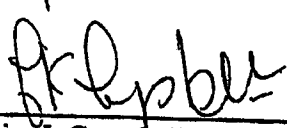
hereby declare that I was personally present and did see the above named person, personally known to me to be the person named in the assignment, duly sign and execute the same.

Date: 27 Sept/01

  
(Signature of Witness)

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

Date: 2 October 2001

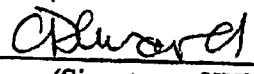
  
Colin K. Campbell  
160 Parkview Drive  
Ancaster, Ontario L9G 1Z5  
CANADA

STATEMENT BY WITNESS

I, Camille Girard, whose full Post Office  
(Name of Witness)  
address is 9 Armstrong Ave, Guelph, ON N1E 5W9  
(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: 2 Oct 01

  
(Signature of Witness)