

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>Todd Robert Paleczny</td><td>11/25/2010</td></tr><tr><td>Arnett Ryan Weber</td><td>11/25/2010</td></tr><tr><td>Dietmar Frank Wennemer</td><td>11/25/2010</td></tr><tr><td>Cameron Russell Steeves</td><td>12/01/2010</td></tr></tbody></table>		Name	Execution Date	Todd Robert Paleczny	11/25/2010	Arnett Ryan Weber	11/25/2010	Dietmar Frank Wennemer	11/25/2010	Cameron Russell Steeves	12/01/2010
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Arnett Ryan Weber	11/25/2010										
Dietmar Frank Wennemer	11/25/2010										
Cameron Russell Steeves	12/01/2010										
RECEIVING PARTY DATA											
Name:	RESEARCH IN MOTION LIMITED										
Street Address:	295 Phillip Street										
City:	Waterloo										
State/Country:	ONTARIO										
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>12895953</td></tr></tbody></table>		Property Type	Number	Application Number:	12895953						
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Application Number:	12895953										
CORRESPONDENCE DATA											
Fax Number: (713)456-2836 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 713-571-3400											
Email: diane.taylor@novakdruce.com											
Correspondent Name: Andrew Z. Weaver											
Address Line 1: 1000 Louisiana Street											
Address Line 2: Fifty-third Floor											
Address Line 4: Houston, TEXAS 77002											
ATTORNEY DOCKET NUMBER:	9516.028.NPUS00										
NAME OF SUBMITTER:	Andrew Z. Weaver										
Total Attachments: 12											

OP \$40.00 12895953

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PATENT
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RIM Family Ref. No.: 36181-JD

WORLDWIDE ASSIGNMENT

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

Todd Robert PALECZNY, 71450 - 305 Phillip Street, Waterloo, Ontario, Canada N2L 3W8

Arnett Ryan WEBER, 77717 - 305 Phillip Street, Waterloo, Ontario, Canada N2L 3W8

Dieter Frank WENNEMER, 78031 - 305 Phillip Street, Waterloo, Ontario N2L 3W8

Cameron Russell STEEVES, 75761 - 305 Phillip Street, Waterloo, Ontario N2L 3W8

has/have invented a **PIEZOELECTRIC ASSEMBLY** ("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:

U.S. Patent Application No. 12/895,953, Filed on October 1, 2010

EP Patent Application No. 10185447.9, Filed on October 1, 2010

CA Patent Application No. 2,716,232, Filed on October 1, 2010

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

RIM Family Ref. No.: 36181-ID

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 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, filing dates and any other indicia identifying the Applications when such information is available for the purpose of recording this assignment.

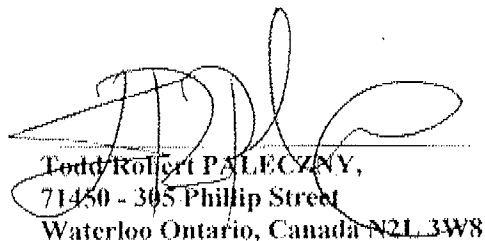
ASSIGNOR(S) does/do hereby authorize and request The Commissioner of Patents or any equivalent authority to issue to ASSIGNEE each and every patent, registration and other form of protection, right, and title granted upon the Applications, Further Applications, Divisionals and Extensions.

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.: 36181-ID

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

Date: Nov 25 2010

Todd Robert PALECYNY,
71450 - 305 Phillip Street
Waterloo Ontario, Canada N2L 3W8

STATEMENT BY WITNESS

I, Fuzia Behmouh, whose full Post Office address is15 Portnew Court, Woodbridge, Ont
(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.

Date: Nov. 25, 2010

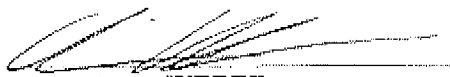
(Signature of Witness)

RIM Family Ref. No.: 36181-ID

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

Date:

25/11/10


Arnett Ryan WEBER
77717 - 305 Phillip Street
Waterloo Ontario, Canada N2L 3W8

STATEMENT BY WITNESS

I, FARZIN DEHMOUSSE, whose full Post Office address is

15 Portview Court, Woodbridge, Ont.
(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.

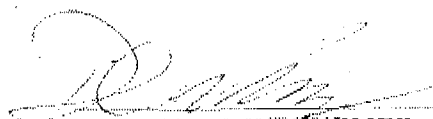
Date:

Nov 25/2010


(Signature of Witness)

RIM Family Ref. No.: 36181-ID

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

Date: 25-Nov-2010

Dietmar Frank WENNEMER
78031 - 305 Phillip Street
Waterloo, Ontario N2L 3W8

STATEMENT BY WITNESS

I, Madelaine Kulke, whose full Post Office address is

35 Elgin St, Waterloo ON N2J 2P9, Canada
(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.

Date: NOV 25, 2010

(Signature of Witness)

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

Date: _____

Cameron Russell STEEVES
75761 - 305 Phillip St
Waterloo, Ontario N2L 3W8

STATEMENT BY WITNESS

I, _____, whose full Post Office address is

(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.

Date: _____

(Signature of Witness)

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WORLDWIDE ASSIGNMENT

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

Todd Robert PALECZNY, 71450 - 305 Phillip Street, Waterloo, Ontario, Canada N2L 3W8

Arnett Ryan WEBER, 77717 - 305 Phillip Street, Waterloo, Ontario, Canada N2L 3W8

Dietmar Frank WENNEMER, 78031 - 305 Phillip Street, Waterloo, Ontario N2L 3W8

Cameron Russell STEEVES, 75761 - 305 Phillip Street, Waterloo, Ontario N2L 3W8

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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

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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 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.

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ASSIGNOR(S) does/do hereby authorize ASSIGNEE or its patent agents or attorneys to insert, above, the jurisdictions, application numbers, filing dates and any other indicia 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.

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

Date: _____

Todd Robert PALECZNY,
71450 - 305 Phillip Street
Waterloo Ontario, Canada N2L 3W8

STATEMENT BY WITNESS

I, _____, whose full Post Office address is

(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.

Date: _____

(Signature of Witness)

RIM Family Ref. No.: 36181-ID

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

Date: _____

Arnett Ryan WEBER
77717 - 305 Phillip Street
Waterloo Ontario, Canada N2L 3W8

STATEMENT BY WITNESS

I, _____, whose full Post Office address is

(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.

Date: _____

(Signature of Witness)

RIM Family Ref. No.: 36181-ID

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

Date: _____

Dietmar Frank WENNEMER
78031 - 305 Phillip Street
Waterloo, Ontario N2L 3W8

STATEMENT BY WITNESS

I, _____, whose full Post Office address is

(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.

Date: _____

(Signature of Witness)

RIM Family Ref. No.: 36181-ID

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

Date: Wed. Dec. 1/2010


Cameron Russell STEEVES
75761 - 305 Phillip St
Waterloo, Ontario N2L 3W8

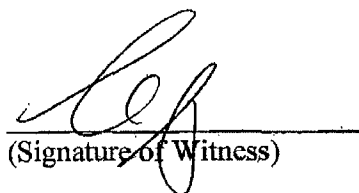
STATEMENT BY WITNESS

I, Eric Malo, whose full Post Office address is

258 Casswell Court, Waterloo, Ontario N2L 4Y4
(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.

Date: Dec 1 2010


(Signature of Witness)