PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPI	E:		NEW ASSIGNMENT		
NATURE OF CON	YEYANCE: ASSIGNMENT				
CONVEYING PART	IY DATA				
		N	Vame	Execution Date	
Kuo-Feng TONG				05/14/2010	
Arnett Ryan WEBE	R			05/14/2010	
Yingying LU				05/14/2010	
Katarina PAVLIKO	VA			06/03/2010	
RECEIVING PART	Y DATA				
Name:	Research In	Research In Motion Limited			
Street Address:	295 Phillip Si	295 Phillip Street			
City:	Waterloo				
State/Country:	CANADA				
Postal Code:	N2L 3W8				
Property Type Number			per		
Application Number	er:	12780			
CORRESPONDEN	CE DATA				
Fax Number:	(613)78	7-3558	3		
			hen the fax attempt is unsuccess	stul.	
Phone: (613) 237-5160					
Email: alcampbell@blgcanada.com Correspondent Name: Borden Ladner Gervais LLP					
Address Line 1: 100 Queen Street					
Address Line 2: Suite 1100					
Address Line 4:	Ottawa,	CANA	DA K1P 1J9		
ATTORNEY DOCK	ET NUMBER:		PAT 101203-2		
NAME OF SUBMITTER:			Alex Campbell		
Total Attachments:	28				
501260225					

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WORLDWIDE ASSIGNMENT

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

æ

Kuo-Feng TONG - 79993- 305 Phillip St., Waterloo, Ontario, N2L 3W8, Canada

Katarina PAVLIKOVA - 122 Shoreline Cl., Port Moody, British Columbia, V3H 5B3, Canada

Yingying LU - 76663- 440 Phillip Street, Waterloo, Ontario, N2L 5R9, Canada

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

has/have invented a **METHOD OF PROVIDING TACTILE FEEDBACK AND ELECTRONIC DEVICE** ("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:

United States Patent Application No. 12/780,338, filed May 14, 2010 European Patent Application No. 10162857.6, filed May 14, 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

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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 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.

ASS GNOR(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.

Page 2 of 7

V5.0

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

Date: 14/05/10

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

STATEMENT BY WITNESS

I, CULIN RAMRATTAN, whose full Post Office address is

305 PHILLIP ST. WATERLED, ON, NZL 3WS (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: May 14/2010

(Signature of Witness)

Page 3 of 7

V5.0

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

Date: May 14, 2010

Kuo-Feng Kuo-Feng TONG

Kuo-Feng TONG //79993- 305 Phillip StreetWaterloo, OntarioN2L 3W8, Canada

STATEMENT BY WITNESS

I, COLIN RAMRATTAN, whose full Post Office address is

305 PHILLIP ST. WATERLOO, DN, N2L 3W8 (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: Mary/14/2010

(Signature of Witness)

Page 4 of 7

V5.0

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

Date		
Date		

Christopher James GRANT 75079- 440 Phillip Street Waterloo, Ontario N2L 5R9, Canada

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)

Page 5 of 7

V5.0

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

:	Katarina PAVLIKOVA 122 Shoreline Cl. Port Moody, British Columbia V3H 5B3, Canada
	STATEMENT BY WITNESS
Ι,	, whose full Post Office address is
	(Address of Witness)

known to me to be a person named in the Worldwide Assignment, duly sign and execute same.

Date:

(Signature of Witness)

Page 6 of 7

V5.0

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

Date:	
Date.	

Yingying LU 76663- 440 Phillip Street Waterloo, Ontario N2L 5R9 Canada

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)

Page 7 of 7

V5.0

WORLDWIDE ASSIGNMENT

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

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

Kuo-Feng TONG - 79993- 305 Phillip Street, Waterloo, Ontario, N2L 3W8, Canada

Christopher James GRANT - 75079- 440 Phillip Street, Waterloo, Ontario, N2L 5R9, Canada

Katarina PAVLIKOVA - 122 Shoreline Cl., Port Moody, British Columbia, V3H 5B3, Canada

Yingying LU - 76663- 440 Phillip Street, Waterloo, Ontario, N2L 5R9, Canada

has/have invented a **METHOD OF PROVIDING TACTILE FEEDBACK AND ELECTRONIC DEVICE** ("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:

United States Patent Application No.	12/780,279	filed May 14, 2010
European Patent Application No.	10162856.8	filed May 14, 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

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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 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.

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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.

Page 2 of 7

V5.0

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

Date: _____

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

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)

Page 3 of 7

V5.0

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

Date: _____

Kuo-Feng TONG 79993- 305 Phillip Street Waterloo, Ontario N2L 3W8, Canada

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)

Page 4 of 7

V5.0

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

Date: _____

Christopher James GRANT 75079- 440 Phillip Street Waterloo, Ontario N2L 5R9, Canada

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)

Page 5 of 7

V5.0

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

Date: 3/ June / 2010

Javens

Katarina PAVLIKOVA 122 Shoreline Cl. Port Moody, British Columbia V3H 5B3, Canada

STATEMENT BY WITNESS

I, MICHAL SZYSZLO

_____, whose full Post Office address is

7 EVERTON COURT ST. CATHARINES ON L2N GR3 (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: June 13/2010

(Signature of Witness)

Page 6 of 7

V5.0

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

Date:

Yingying LU 76663-440 Phillip Street Waterloo, Ontario N2L 5R9 Canada

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)

Page 7 of 7

V5.0

WORLDWIDE ASSIGNMENT

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

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

Kuo-Feng TONG - 79993- 305 Phillip Street, Waterloo, Ontario, N2L 3W8, Canada

Christopher James GRANT - 75079- 440 Phillip Street, Waterloo, Ontario, N2L 5R9, Canada

Katarina PAVLIKOVA - 122 Shoreline Cl., Port Moody, British Columbia, V3H 5B3, Canada

Yingying LU - 76663- 440 Phillip Street, Waterloo, Ontario, N2L 5R9, Canada

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European Patent Application No.	10162856.8	filed May 14, 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 ("Divisionals"); the

Page 1 of 7

V5.0

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 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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Page 2 of 7

V5.0

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

Date:	Arnett Ryan WEBER 77717- 305 Phillip Street Waterloo, Ontario N2L 3W8, Canada
	STATEMENT BY WITNESS
l,	, whose full Post Office address is
. Se hadde serrer en en annae e en anders brûke	(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)

Page 3 of 7

V5.0

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

Date:

Kuo-Feng TONG 79993- 305 Phillip Street Waterloo, Ontario N2L 3W8, Canada

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)

Page 4 of 7

V5.0

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

Date: MAY 14, 2010

Christopher James GRANT 75079- 440 Phillip Street Waterloo, Ontario N2L 5R9, Canada

STATEMENT BY WITNESS

1, <u>Alon Shenfield</u>, whose full Post Office address is 520 Parkside Dr. Waterbo, ON (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.

ay 14,2010 Date:__

(Signature of Witness)

Page 5 of 7

V5.0

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

Date:	Katarina PAVLIKOVA
	122 Shoreline Cl.
	Port Moody, British Columbia V3H 5B3, Canada
	STATEMENT BY WITNESS
ř,	, whose full Post Office address
	(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)

Page 6 of 7

V5.0

is

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

Date:

Yingying LU 76663-440 Phillip Street Waterloo, Ontario N2L 5R9 Canada

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)

Page 7 of 7

V5.0

WORLDWIDE ASSIGNMENT

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

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

Kuo-Feng TONG - 79993- 305 Phillip Street, Waterloo, Ontario, N2L 3W8, Canada

Christopher James GRANT - 75079- 440 Phillip Street, Waterloo, Ontario, N2L 5R9, Canada

Katarina PAVLIKOVA - 122 Shoreline Cl., Port Moody, British Columbia, V3H 5B3, Canada

Yingying LU - 76663- 440 Phillip Street, Waterloo, Ontario, N2L 5R9, Canada

has/have invented a **METHOD OF PROVIDING TACTILE FEEDBACK AND ELECTRONIC DEVICE** ("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:

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European Patent Application No.	10162856.8	filed May 14, 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;

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Date: _____

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

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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V5.0

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

Date: _____

Christopher James GRANT 75079- 440 Phillip Street Waterloo, Ontario N2L 5R9, Canada

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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V5.0

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

Date: _____

Katarina PAVLIKOVA 122 Shoreline Cl. Port Moody, British Columbia V3H 5B3, Canada

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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V5.0

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

Date: May 14 2010

Yingying LU 76663- 440 Phillip Street Waterloo, Ontario N2L 5R9 Canada

STATEMENT BY WITNESS

_ A____, whose full Post Office address is I, Luther 440 Phillip St Waterloo ON Canade N2L SR9 (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: 5/14/10 (Signature of Witness)

V5.0

PATENT REEL: 024827 FRAME: 0720

RECORDED: 08/12/2010