502382471 06/13/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jing WANG	05/22/2013
Xiang YU	06/04/2013
Dake HE	05/22/2013
Steven Wayne CAMPBELL	05/27/2013

RECEIVING PARTY DATA

Name:	SLIPSTREAM DATA INC.
Street Address:	50 Bathurst Drive, Suite 12
City:	Waterloo
State/Country:	CANADA
Postal Code:	N2Y 2C5

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13681551

CORRESPONDENCE DATA

Fax Number: 4163638429

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

416-479-8647 Phone:

Email: mmena@rowandlaw.com

Correspondent Name: **ROWAND LLP**

Address Line 1: 2nd Floor, 8 Wellington Street East Address Line 4: Toronto, CANADA M5E 1C5

ATTORNEY DOCKET NUMBER:	101-0092USP2
NAME OF SUBMITTER:	Fraser D. Rowand
Signature:	/Fraser D. Rowand/

REEL: 030602 FRAME: 0061

Date:	06/13/2013
Total Attachments: 18 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif	00/10/2010
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PATENT REEL: 030602 FRAME: 0062

WORLDWIDE ASSIGNMENT

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

WANG, Jing, 295 Phillip Street, Ext. 75923, Waterloo, ON, N2L 3W8, Canada YU, Xiang, 295 Phillip Street, Ext. 74329, Waterloo, ON, N2L 3W8, Canada HE, Dake, 295 Phillip Street, Ext. 78760, Waterloo, ON, N2L 3W8, Canada CAMPBELL, Steven Wayne, 295 Phillip Street, Ext. 70345, Waterloo, ON, N2L 3W8, Canada

am an/are inventor(s) of an invention entitled METHODS AND DEVICES FOR ENCODING AND DECODING TRANSFORM DOMAIN FILTERS ("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:

US, Provisional Application # 61/562,294 filed 21 November 2011

US, Application # 13/681,551 filed 20 November 2012

EP, Application # 12193257.8 filed 19 November 2012

CA, Application # 2796778 filed 20 November 2012

KR, Application # 10-2012-0131728 filed 20 November 2012

AND WHEREAS, **SLIPSTREAM DATA INC.**, (hereinafter referred to as the "ASSIGNEE"), a company organized under the laws of the Province of Ontario, Canada, having a place of business at 50 Bathurst Drive, Suite 12, Waterloo, Ontario, N2Y 2C5, 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; inclusive of any and all priority rights, including the right to claim priority, derived from 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

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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 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.

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

Date: May 22, 2013

WANG, Jing

295 Phillip Street, Ext. 75923, Waterloo, ON, N2L 3W8,

Canada

STATEMENT BY WITNESS

I, Nguyen Nguyen, whose full Post Office address is

29T Philly St. Waterloo ON, N2L 3WK
(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.

(Signature of Witness)

Date: May 22, 2013

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:
Date:
YU, Xiang 268 Lemon Grass Crescent, Kitchener, ON, N2N 3R5, 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.
(Signature of Witness)

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

HE, Dake

295 Phillip Street, Ext. 78760, Waterloo, ON, N2L 3W8,

Canada

STATEMENT BY WITNESS

I, <u>Nguyen Nguyen</u>, whose full Post Office address is

Date: May 22, 2013

29T Frillip St., Waterlow ON 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.

(Signature of Witness)

Date: May 22, 2013

Page 5 of 6

N WITNESS WHEREOF, this Worldwide Assignment has been executed below by the indersigned:
Date:
CAMPBELL, Steven Wayne 27 – 205 Highland Crescent, Kitchener, ON, N2M 5L7, 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.
(Signature of Witness)

Page 6 of 6

WORLDWIDE ASSIGNMENT

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

WANG, Jing, 295 Phillip Street, Ext. 75923, Waterloo, ON, N2L 3W8, Canada YU, Xiang, 295 Phillip Street, Ext. 74329, Waterloo, ON, N2L 3W8, Canada HE, Dake, 295 Phillip Street, Ext. 78760, Waterloo, ON, N2L 3W8, Canada CAMPBELL, Steven Wayne, 295 Phillip Street, Ext. 70345, Waterloo, ON, N2L 3W8, Canada

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US, Application # 13/681,551 filed 20 November 2012

EP, Application # 12193257.8 filed 19 November 2012

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AND WHEREAS, SLIPSTREAM DATA INC., (hereinafter referred to as the "ASSIGNEE"), a company organized under the laws of the Province of Ontario, Canada, having a place of business at 50 Bathurst Drive, Suite 12, Waterloo, Ontario, N2Y 2C5, 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; inclusive of any and all priority rights, including the right to claim priority, derived from 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 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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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.

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:
Date:
WANG, Jing 295 Phillip Street, Ext. 75923, Waterloo, ON, 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.
(Signature of Witness)

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:
Date:
YU, Xiang 268 Lemon Grass Crescent, Kitchener, ON, N2N 3R5, 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.
(Signature of Witness)

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:
HE, Dake 295 Phillip Street, Ext. 78760, Waterloo, ON, 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.
(Signature of Witness)

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

CAMPBELL, Steven Wayne 27 – 205 Highland Crescent, Kitchener, ON, N2M 5L7, Canada

Date: Moy 27, 20/3

STATEMENT BY WITNESS

I, Bashara Andersa, whose full Post Office address is

Som Wistopher Dr. lambridge, but Nil 189

(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.

(Signature of Witness)

Date: 27 May 2013

WORLDWIDE ASSIGNMENT

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

WANG, Jing, 295 Phillip Street, Ext. 75923, Waterloo, ON, N2L 3W8, Canada YU, Xiang, 295 Phillip Street, Ext. 74329, Waterloo, ON, N2L 3W8, Canada HE, Dake, 295 Phillip Street, Ext. 78760, Waterloo, ON, N2L 3W8, Canada CAMPBELL, Steven Wayne, 295 Phillip Street, Ext. 70345, Waterloo, ON, N2L 3W8, Canada

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Page 1 of 6 V6.0

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WANG, Jing 295 Phillip Street, Ext. 75923, Waterloo, ON, 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.
(Signature of Witness)

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

YU. Xianz

268 Lemon Grass Crescent, Kitchener, ON, N2N 3R5,

Canada

STATEMENT BY WITNESS

Date: June 4, 2013

I, <u>Barbara Andersa</u>, whose full Post Office address is

352 Untropher Dr. lambridge, O.L. NIPB9

(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: 4 fore 2013

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:
HE, Dake
295 Phillip Street, Ext. 78760, Waterloo, ON, 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.
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CAMPBELL, Steven Wayne 27 – 205 Highland Crescent, Kitchener, ON, N2M 5L7, Canada
STATEMENT BY WITNESS
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Date:

V6.0

PATENT REEL: 030602 FRAME: 0080

RECORDED: 06/13/2013