PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2958699

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN C. BISCHOF	02/19/2013
ZHENPENG QIN	02/19/2013
WARREN CHAN	04/17/2013
TANER AKKIN	02/14/2013

RECEIVING PARTY DATA

Name:	REGENTS OF THE UNIVERSITY OF MINNESOTA
Street Address:	1000 WESTGATE DRIVE
Internal Address:	SUITE 160
City:	ST. PAUL
State/Country:	MINNESOTA
Postal Code:	55114

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14375294

CORRESPONDENCE DATA

Fax Number: (612)334-3312

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 612-334-3222 Email: Iswaja@wck.com

Correspondent Name: WESTMAN CHAMPLIN & KOEHLER, P.A.

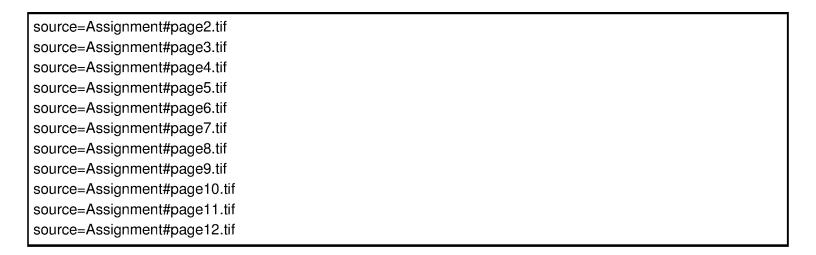
Address Line 1: **SUITE 1400**

900 SECOND AVENUE SOUTH Address Line 2: Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	U11.12-0236
NAME OF SUBMITTER:	JUDSON K. CHAMPLIN
SIGNATURE:	/Judson K. Champlin/
DATE SIGNED:	07/29/2014

Total Attachments: 12 source=Assignment#page1.tif

> **PATENT REEL: 033412 FRAME: 0765** 502912101



PATENT REEL: 033412 FRAME: 0766

Attorney Docket No.

(INTERNATIONAL APPLICATION BASED ON U.S. PROV. APPLN.)

U11.12-0211

Minneapolis

WHEREAS, we, John C. Bischof, of St. Paul, MN, U.S.A.; Zhenpeng Qin, of Minnetonka, MN, U.S.A.; Warren Chan, of Toronto, Ontario, CANADA; and Taner Akkin, of Minneapolis, MN, U.S.A., (hercinafter referred to as ASSIGNORS), are the inventors of an invention described in an application for Letters Patent filed pursuant to the Patent Cooperation Treaty and designating the United States, the international application being identifiable in the United States Receiving Office by Application No. PCT/US2013/23839, filed January 30, 2013; and

WHEREAS. Regents of the University of Minnesota, a corporation, organized and existing under the laws of the State of Minnesota, and having offices at 1000 Westgate Drive, Suite 160, St. Paul, MN 55114-8658, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, we transfer to Assignee, its successors and assigns, our entire right, title and interest in and to the invention, the above-identified application, Provisional Application No. 61/593,036, filed January 31, 2012, corresponding domestic and foreign applications including all national filings based on the above-identified application filed pursuant to the Patent Cooperation Treaty and continuation applications, continuing applications, divisional applications and continuation-in-part applications, all Letters Patent(s) or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention and the right to claim priority, both foreign and domestic; and we authorize the Director of the United States Patent and Trademark Office or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and serial number of the application when ascertained.

We authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

John C. Bischof

STATE OF MINNESOT

COUNTY OF HONCOIN

Subscribed and sworn to before me, a Notary Public, this 44 day of February

SS.

Notary Public

PARKER R. SMITH NOTARY PUBLIC MINNESOTA My Commission Expires Jan. 31, 2017

(SEAL)

(INTERNATIONAL APPLICATION BASED ON U.S. PROV. APPLN.)

Attorney Docket No.

Zhenpeng Qin	
STATE OF MINNESOTA) ss. COUNTY OF HENNEAN)	
Subscribed and sworn to before me, a Notary Public, this 9 day of February 2013.	
PARKER R. SMITH Notary Public Notary Public MINNESOTA My Commission Expires Jan. 31, 2017	(SEAL)

Attorney Docket No.

(INTERNATIONAL APPLICATION BASED ON U.S. PROV. APPLN.)

Signature of Inventor	Signature of Witness	
Date :	Date :	
Warren Chan		
Printed Name of Inventor	Printed Name of Witness	
Residence of Inventor:	Residence of Witness:	
56 Lippincott Street, Unit 8		
Toronto, Ontario M5T 2RS		
Canada		

Attorney Docket No.

(INTERNATIONAL APPLICATION BASED ON U.S. PROV. APPLN.)

	Taner Akkin
STATE OF MINNESOTA COUNTY OF) ss.
Subscribed and swom to before me,	a Notary Public, this day of,
Notary Public	

Attorney Docket No.

(INTERNATIONAL APPLICATION BASED ON U.S. PROV. APPLN.)

U11.12-0211

WHEREAS, we, John C. Bischof, of St. Paul, MN, U.S.A.; Zhenpeng Qin, of Minnetonka, MN, U.S.A.; Warren Chan, of Toronto, Ontario, CANADA; and Taner Akkin, of Minneapolis, MN, U.S.A., (hereinafter referred to as ASSIGNORS), are the inventors of an invention described in an application for Letters Patent filed pursuant to the Patent Cooperation Treaty and designating the United States, the international application being identifiable in the United States Receiving Office by Application No. PCT/US2013/23839, filed January 30, 2013; and

WHEREAS, Regents of the University of Minnesota, a corporation, organized and existing under the laws of the State of Minnesota, and having offices at 1000 Westgate Drive, Suite 160, St. Paul, MN 55114-8658, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, we transfer to Assignee, its successors and assigns, our entire right, title and interest in and to the invention, the above-identified application, Provisional Application No. 61/593,036, filed January 31, 2012, corresponding domestic and foreign applications including all national filings based on the above-identified application filed pursuant to the Patent Cooperation Treaty and continuation applications, continuing applications, divisional applications and continuation-in-part applications, all Letters Patent(s) or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention and the right to claim priority, both foreign and domestic; and we authorize the Director of the United States Patent and Trademark Office or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and serial number of the application when ascertained.

We authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

	John C. Bischof		
STATE OF <u>MINNESOTA</u>)) ss. COUNTY OF)			
Subscribed and sworn to before me, a Not	ary Public, this day of	·	
Notary Public		(SE	AL

Attorney Docket No.

(INTERNATIONAL APPLICATION BASED ON U.S. PROV. APPLN.)

Zhenpeng Qin	
STATE OF MINNESOTA)	
COUNTY OF) ss.	
Subscribed and sworn to before me, a Notary Public, thisday of,	
Notary Public	(SEAL)

Attorney Docket No.

(INTERNATIONAL APPLICATION BASED ON U.S. PROV. APPLN.)

(1) ~ CL	75 Sig
Signature of Inventor	Signature of Witness
Date: 4/15/2013	Date: Apr. 17, 2013
Warren Chan	FAYI SONG
Printed Name of Inventor	Printed Name of Witness
Residence of Inventor:	Residence of Witness:
56 Lippincott Street, Unit 8	1 Beethoven Court
Toronto, Ontario M5T 2RS	North York, ON M2HIWI
Canada	Canada

Attorney Docket No.

(INTERNATIONAL APPLICATION BASED ON U.S. PROV. APPLN.)

	Taner Akkin	
STATE OF MINNESOTA)	
COUNTY OF) ss.)	
Subscribed and swom to before n	ne, a Notary Public, this day of	
Notary Public	·	

Attorney Docket No.

(INTERNATIONAL APPLICATION BASED ON U.S. PROV. APPLN.)

U11.12-0211

WHEREAS, we, John C. Bischof, of St. Paul, MN, U.S.A.; Zhenpeng Qin, of Minnetonka, MN, U.S.A.; Warren Chan, of Toronto, Ontario, CANADA; and Taner Akkin, of Minneapolis, MN, U.S.A., (hereinafter referred to as ASSIGNORS), are the inventors of an invention described in an application for Letters Patent filed pursuant to the Patent Cooperation Treaty and designating the United States, the international application being identifiable in the United States Receiving Office by Application No. PCT/US2013/23839, filed January 30, 2013; and

WHEREAS, Regents of the University of Minnesota, a corporation, organized and existing under the laws of the State of Minnesota, and having offices at 1000 Westgate Drive, Suite 160, St. Paul, MN 55114-8658, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, we transfer to Assignee, its successors and assigns, our entire right, title and interest in and to the invention, the above-identified application, Provisional Application No. 61/593,036, filed January 31, 2012, corresponding domestic and foreign applications including all national filings based on the above-identified application filed pursuant to the Patent Cooperation Treaty and continuation applications, continuing applications, divisional applications and continuation-in-part applications, all Letters Patent(s) or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention and the right to claim priority, both foreign and domestic; and we authorize the Director of the United States Patent and Trademark Office or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and serial number of the application when ascertained.

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We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

John C. Bischof	
STATE OF MINNESOTA)	
) ss. COUNTY OF)	
Subscribed and sworn to before me, a Notary Public, this day of	
Notary Public	(SEAL)

-1 of 2-

Attorney Docket No.

(INTERNATIONAL APPLICATION BASED ON U.S. PROV. APPLN.)

Zhenpeng Qin	_		
STATE OF MINNESOTA	62	and the second	
Subscribed and sworn to before me, a Notary Public, this day of		·	
Notary Public			(SEAL)

Attorney Docket No.

(INTERNATIONAL APPLICATION BASED ON U.S. PROV. APPLN.)

Signature of Inventor	Signature of Witness	
Date :	Date :	
Warren Chan		
Printed Name of Inventor	Printed Name of Witness	
Residence of Inventor:	Residence of Witness:	
56 Lippincott Street, Unit 8		_
Toronto, Ontario M5T 2RS	······.	
Canada		

Attorney Docket No.

(INTERNATIONAL APPLICATION BASED ON U.S. PROV. APPLN.)

U11.12-0211

STATE OF MINNESOTA

COUNTY OF MUSTINGTON

Subscribed and sworn to before me, a Notary Public, this 11th day of February. , 2013

Notary Public

CASEY A CHURCHILL NOTARY PUBLIC - MINNESOTA IY COMMISSION EXPIRES 01/31/2017

-4 of 4-

PATENT REEL: 033412 FRAME: 0778