PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2833037

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHUN WANG	04/11/2014
WENSHOU WANG	08/19/2013
JOHN R. OHLFEST	08/09/2013

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:	55114-8658

PROPERTY NUMBERS Total: 1

Property Type	Number
PCT Number:	US2013030560

CORRESPONDENCE DATA

Fax Number:

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

Phone: 9528764087

Email: temp2@vhpglobalip.com

Correspondent Name: VIKSNINS HARRIS & PADYS PLLP Address Line 1: 7900 INTERNATIONAL DRIVE

Address Line 2: SUITE 670

Address Line 4: BLOOMINGTON, MINNESOTA 55425

ATTORNEY DOCKET NUMBER:	09531.336WO1
NAME OF SUBMITTER:	ROBERT J. HARRIS
SIGNATURE:	/Robert J. Harris, Reg. No., 37,341/
DATE SIGNED:	04/29/2014

Total Attachments: 10

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PATENT 502786442 REEL: 032774 FRAME: 0078

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PATENT REEL: 032774 FRAME: 0079 ASSIGNMENT

WHEREAS, We, Chun Wang, Wenshou Wang and John R. Ohlfest, made certain

new and useful inventions and improvements for which we filed a Patent Application in the

United States on May 23, 2012 which application was assigned U.S. Patent Application Serial

Number 61/615,001 and for which we filed an International Patent Application on March 12,

2013, which application was assigned International Patent Application Number

PCT/US2013/030560.

AND WHEREAS, REGENTS OF THE UNIVERSITY OF MINNESOTA, having an

office and place of business at 1000 Westgate Drive, Suite 160, St. Paul, Minnesota 55114-8658

(hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said

inventions, improvements and application and in and to any Letters Patent to be obtained

therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and

valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, we hereby

sell, assign, transfer and set over unto said Assignee, including its successors and assigns, our

entire right, title and interest to all inventions disclosed in the aforesaid application(s), including

all rights to claim priority therefrom, and to any and all present or future patent applications to

such inventions filed in the United States or any other country or region, inclusive of, but not

limited to, all divisions, continuations, continuations-in-part, renewals thereof, substitutions,

reexaminations, reissues, provisional patent applications, applications filed under the Patent

Cooperation Treaty, certificates of addition, utility models, and petty patents, as well as all other

intellectual property related to the applications, inclusive of, but not limited to, supplementary

protection certificates, and to any and all Letters Patents and any related patent term extensions

that may be granted for said Letters Patents with respect to the applications; all of the above to be

held by Assignee as fully and entirely as the same would have been held by us had this

Assignment not been made.

PATENT

REEL: 032774 FRAME: 0080

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this day of Chun Wang
STATE OF Minnesota
COUNTY OF Hennepin)ss
On this day of April, 2014 before me personally appeared Chun Wang to
me known and known to me to be the person described in and who executed the foregoing instrument
and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein se
SEAL KATHY L. BITTERLY MOTARY PUBLIC-MINNESOTA My Commission Expires Jan. 31, 2015

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2013. Wenshou Wang STATE OF)ss COUNTY OF ____ On this _____ day of _____, 2013 before me personally appeared Wenshou Wang to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth. [SEAL] **Notary Public** IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of , 2013. Karen H. Ohlfest (Legal Representative of the Deceased John R. Ohlfest) STATE OF COUNTY OF On this _____ day of _____, 2013 before me personally appeared Karen H. Ohlfest to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth. [SEAL] Notary Public

Serial No.: 61/615,001 & PCT/US2013/030560

ASSIGNMENT

WHEREAS, We, Chun Wang, Wenshou Wang and John R. Ohlfest, made certain

new and useful inventions and improvements for which we filed a Patent Application in the

United States on May 23, 2012 which application was assigned U.S. Patent Application Serial

Number 61/615,001 and for which we filed an International Patent Application on March 12,

2013, which application was assigned International Patent Application Number

PCT/US2013/030560.

AND WHEREAS, REGENTS OF THE UNIVERSITY OF MINNESOTA, having an

office and place of business at 1000 Westgate Drive, Suite 160, St. Paul, Minnesota 55114-8658

(hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said

inventions, improvements and application and in and to any Letters Patent to be obtained

therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and

valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, we hereby

sell, assign, transfer and set over unto said Assignee, including its successors and assigns, our

entire right, title and interest to all inventions disclosed in the aforesaid application(s), including

all rights to claim priority therefrom, and to any and all present or future patent applications to

such inventions filed in the United States or any other country or region, inclusive of, but not

limited to, all divisions, continuations, continuations-in-part, renewals thereof, substitutions,

reexaminations, reissues, provisional patent applications, applications filed under the Patent

Cooperation Treaty, certificates of addition, utility models, and petty patents, as well as all other

intellectual property related to the applications, inclusive of, but not limited to, supplementary

protection certificates, and to any and all Letters Patents and any related patent term extensions

that may be granted for said Letters Patents with respect to the applications; all of the above to be

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held by Assignee as fully and entirely as the same would have been held by us had this

Assignment not been made.

PATENT

REEL: 032774 FRAME: 0083

Serial No.: 61/615,001 & PCT/US2013/030560

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TEST	IMONY WHER	REOF, I have hereunto set my hand this day of
	, 2013.	
		Chun Wang
STATE OF	***	
)ss
COUNTY OF		
On this	day of	, 2013 before me personally appeared Chun Wang to
me known and known	n to me to be th	he person described in and who executed the foregoing instrument
and he/she duly acknowledge	owledged to me	that he/she executed the same for the uses and purposes therein set
forth.		
[SEAL]		. The second
[DIA 10]		Notary Public
		

Page 2 of 3

	. 0
IN TESTIMONY WHERE	OF, I have hereunto set my hand this day of
/rug, 2013.	Wanshou want
STATE OF Massachusetts	Wenshou Wang)
COUNTY OF MELLELY)ss)
	, 2013 before me personally appeared Wenshou
· · · · · · · · · · · · · · · · · · ·	e to be the person described in and who executed the foregoing
	ged to me that he/she executed the same for the uses and purposes
therein set forth.	Tilleny Luongo, Notary Public Commonwealth of Massachuset
FORDAX 1	My Commission Expires 6/20/20
[SEAL]	17001
	Notary Public
IN TESTIMONY WHERE,, 2013.	OF, I have hereunto set my hand this day of
	Karen H. Ohlfest (Legal Representative of the Deceased John R. Ohlfest)
STATE OF))
)ss
COUNTY OF	
On this day of	, 2013 before me personally appeared Karen H.
Ohlfest to me known and known to m	e to be the person described in and who executed the foregoing
instrument, and he/she duly acknowleds therein set forth.	ged to me that he/she executed the same for the uses and purposes
[SEAL]	

Notary Public

Serial No.: 61/615,001 & PCT/US2013/030560

PATENT REEL: 032774 FRAME: 0085

ASSIGNMENT

WHEREAS, We, Chun Wang, Wenshou Wang and John R. Ohlfest, made certain new and useful inventions and improvements for which we filed a Patent Application in the United States on May 23, 2012 which application was assigned U.S. Patent Application Serial Number 61/615,001 and for which we filed an International Patent Application on March 12, 2013, which application was assigned International Patent Application Number PCT/US2013/030560.

AND WHEREAS, <u>REGENTS OF THE UNIVERSITY OF MINNESOTA</u>, having an office and place of business at <u>1000 Westgate Drive</u>, <u>Suite 160</u>, <u>St. Paul</u>, <u>Minnesota 55114-8658</u> (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to any Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, we hereby sell, assign, transfer and set over unto said Assignee, including its successors and assigns, our entire right, title and interest to all inventions disclosed in the aforesaid application(s), including all rights to claim priority therefrom, and to any and all present or future patent applications to such inventions filed in the United States or any other country or region, inclusive of, but not limited to, all divisions, continuations, continuations-in-part, renewals thereof, substitutions, reexaminations, reissues, provisional patent applications, applications filed under the Patent Cooperation Treaty, certificates of addition, utility models, and petty patents, as well as all other intellectual property related to the applications, inclusive of, but not limited to, supplementary protection certificates, and to any and all Letters Patents and any related patent term extensions that may be granted for said Letters Patents with respect to the applications; all of the above to be held by Assignee as fully and entirely as the same would have been held by us had this Assignment not been made.

PATENT REEL: 032774 FRAME: 0086 Serial No.: 61/615.001 & PCT/US2013/030560

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TEST	MONY WHERE	OF, I have	hereunto set my	hand this	_ day of	
	, 2013.	•				•
		Chun W	'ang		•	·
STATE OF) .				
)ss				
COUNTY OF)		•		
	day of					=
me known and known and he/she duly ackno						
forth.						
[SEAL]			·			
			Notary P	ublic	•	

Page 2 of 3

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of Wenshou Wang STATE OF COUNTY OF On this _____ day of _____, 2013 before me personally appeared Wenshou Wang to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth. [SEAL] Notary Public IN TESTIMONY WHEREOF, I have hereunto set my hand this $\frac{91}{4}$ day of (Legal Representative of the Deceased John R. Ohlfest) COUNTY OF LAMSEY On this 9th day of August, 2013 before me personally appeared Karen H. Ohlfest to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth. Anna Louise McDonagh

Serial No.: 61/615,001 & PCT/US2013/030560 ·

Serial No.: 61/615,001 & PCT/US2013/030560

ASSIGNEE:		

WE AGREE TO AND ACCEPT THE ATTACHED ASSIGNMENT DOCUMENT ON THIS 5

REGENTS OF THE UNIVERSITY OF MINNESOTA

NAME: Paul B. Savereide

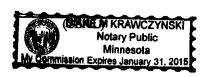
TITLE: Associate General Counsel

STATE OF MINNESOTA) SS.
COUNTY OF HENNEPIN)

BEFORE ME, A NOTARY PUBLIC IN AND FOR SAID COUNTY AND STATE, PERSONALLY APPEARED PLANT SAVETALLE, KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT, AND ACKNOWLEDGED TO ME THAT HE/SHE EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATIONS THEREIN EXPRESSED.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS 5 DAY OF September, 2013.

NOTARY PUBLIC DIANE M KNOW Systa



PATENT REEL: 032774 FRAME: 0089

RECORDED: 04/29/2014