

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT2710849

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>DOUGLAS R. SPITZ</td> <td>08/31/2011</td> </tr> <tr> <td>MICHAEL K. SCHULTZ</td> <td>08/30/2011</td> </tr> <tr> <td>KYLE KLOEPPING</td> <td>08/29/2011</td> </tr> <tr> <td>YUEMING ZHU</td> <td>09/01/2011</td> </tr> <tr> <td>NUKHET AYKIN-BURNS</td> <td>08/19/2011</td> </tr> </tbody> </table>		Name	Execution Date	DOUGLAS R. SPITZ	08/31/2011	MICHAEL K. SCHULTZ	08/30/2011	KYLE KLOEPPING	08/29/2011	YUEMING ZHU	09/01/2011	NUKHET AYKIN-BURNS	08/19/2011
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RECEIVING PARTY DATA													
Name:	UNIVERSITY OF IOWA RESEARCH FOUNDATION												
Street Address:	112 NORTH CAPITOL STREET												
Internal Address:	6 GILMORE HALL												
City:	IOWA CITY												
State/Country:	IOWA												
Postal Code:	52242-5500												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>PCT Number:</td> <td>US2012049375</td> </tr> </tbody> </table>		Property Type	Number	PCT Number:	US2012049375								
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PCT Number:	US2012049375												
CORRESPONDENCE DATA													
Fax Number:	(952)876-4098												
Phone:	952-876-4091												
Email:	lmau@vhpglobalip.com												
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>													
Correspondent Name:	ANN S. VIKSNINS												
Address Line 1:	VIKSNINS HARRIS & PADYS PLLP												
Address Line 2:	7900 INTERNATIONAL DRIVE, SUITE 670												
Address Line 4:	BLOOMINGTON, MINNESOTA 55425												
NAME OF SUBMITTER:	ANN S. VIKSNINS												

Signature:	/Ann S. Viksnins, Reg. No. 37,748/
Date:	02/03/2014
Total Attachments: 5 source=UIRF#page1.tif source=UIRF#page2.tif source=UIRF#page3.tif source=UIRF#page4.tif source=UIRF#page5.tif	

ASSIGNMENT

WHEREAS, We, Douglas R. Spitz, Michael K. Schultz, Kyle Kloepping, Yueming Zhu, and Nukhet Aykin-Burns, made certain new and useful inventions and improvements for which we filed a patent application in the United States on August 3, 2011, which application was assigned U.S. Patent Application Serial Number 61/514,640.

AND WHEREAS, University of Iowa Research Foundation, a university organized and existing under and by virtue of the laws of the state of Iowa having an office and place of business at Iowa Centers for Enterprise, 2660 University Capitol Centre, Iowa City, Iowa 52242-5500 (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.

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 31st day of August, 2011.

Douglas R. Spitz Jr.
Douglas R. Spitz

STATE OF Iowa)
)ss
COUNTY OF Johnson)

On this 31st day of August, 2011 before me personally appeared Douglas R. Spitz to me known and known to me to be the person described in and who executed the foregoing instrument, and she duly acknowledged to me that she executed the same for the uses and purposes therein set forth. he he

[SEAL]



Kelly M. Blowers
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 30th day of August,
2011.

Michael K. Schultz
Michael K. Schultz

STATE OF Iowa)

)ss

COUNTY OF Johnson)

On this 30th day of August, 2011 before me personally appeared Michael K. Schultz to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]



Lisa R. Lang
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 29th day of
August, 2011.

Kyle I. Klopping
Kyle Klopping

STATE OF Iowa)

)ss

COUNTY OF Johnson)

On this 29th day of August, 2011 before me personally appeared Kyle Klopping to me known and known to me to be the person described in and who executed the foregoing instrument, and she duly acknowledged to me that she executed the same for the uses and purposes therein set forth.

[SEAL]



Lisa R. Lang
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2011.

Yueming Zhu

STATE OF _____)

)ss

COUNTY OF _____)

On this _____ day of _____, 2011 before me personally appeared Yueming Zhu to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19 day of August, 2011.

Nukhet Aykin-Burns

STATE OF Arkansas)

)ss

COUNTY OF Pulaski)

On this 19 day of August, 2011 before me personally appeared Nukhet Aykin-Burns to me known and known to me to be the person described in and who executed the foregoing instrument, and she duly acknowledged to me that she executed the same for the uses and purposes therein set forth.

[SEAL]

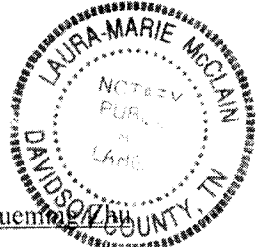
Notary Public



IN TESTIMONY WHEREOF, I have hereunto set my hand this 1 day of
September, 2011.

Yueming Zhu
Yueming Zhu

STATE OF TN)
)ss
COUNTY OF Davidson)



On this 1 day of September, 2011 before me personally appeared Yueming Zhu
to me known and known to me to be the person described in and who executed the foregoing instrument,
and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL] my com by 1-9-12 Laura Marie McClain
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
_____, 2011.

Nukhet Aykin-Burns

STATE OF _____)
)ss
COUNTY OF _____)

On this _____ day of _____, 2011 before me personally appeared Nukhet Aykin-Burns
to me known and known to me to be the person described in and who executed the foregoing
instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein
set forth.

[SEAL] _____
Notary Public