## 503089061 12/05/2014 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3135666

SUBMISSION TYPE:		NEW ASSIGNMENT						
NATURE OF CONVEYANCE:		ASSIGNMENT						
CONVEYING PARTY	ΟΑΤΑ							
			Name			Execution	on Date	
ROBERT VINCE						09/24/201	09/24/2013	
ABBAS RAZA					09/19/201	13		
CHRISTINE DREIS					09/19/201	13		
RECEIVING PARTY D	ΑΤΑ							
Name:	REGEN	REGENTS OF THE UNIVERSITY OF MINNESOTA						
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State/Country:	MINNE	MINNESOTA						
Postal Code:	55114-	55114-8658						
		1437 <sup>-</sup>						
Property Type			Number					
Application Number: 1437		1437	1900					
CORRESPONDENCE	DATA							
		876-4098						
	be sent to	the e	e-mail address first; if that is un that is unsuccessful, it will be s				sent	
		764087						
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ATTORNEY DOCKET NUMBER:			09531.318US1					
NAME OF SUBMITTER:			ROBERT J HARRIS					
SIGNATURE:			/Robert J. Harris, Reg. No., 37,346/					
DATE SIGNED:			12/05/2014					
Total Attachments: 4								
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## ASSIGNMENT

WHEREAS, We, <u>Robert Vince</u>, <u>Abbas Raza and Christine Dreis</u>, made certain new and useful inventions and improvements for which we filed an International Patent Application on <u>January 11</u>, <u>2013</u>, which application was assigned International Patent Application Number <u>PCT/US2013/021259</u>.

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>MN 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.

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 24 day of September 2013.

Robert Vince

STATE OF <u>Minnesota</u>) COUNTY OF <u>Hennepin</u>)

On this 24 day of <u>September</u>2013 before me personally appeared <u>Robert Vince</u> 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.

ELIZABETH A HINSKE Notary Public

State of Minnesota ly Commission Expires

January 31, 2016

[SEAL]

Hensle

Notary Public

VHP Ref: 09531.318WO1 Serial No.: PCT/US2013/021259 U of M Ref: 20110151

IN TESTIMONY WHEREOF, I have hereunto set my hand this day of								
September, 2013. AWes ?								
Abbas Raza								
STATE OF Minnesota)								
COUNTY OF Hennepin )								
On this 19 day of September, 2013 before me personally appeared Abbas Raza								
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] ELIZABETH A HINSKE Notary Public State of Minnesota My Commission Expires January 31, 2016								
Notary Public								
IN TESTIMONY WHEREOF, I have hereunto set my hand this <u>19</u> day of September . 2013. <u>Ollowic</u> Dur Christine Dreis								
STATE OF Minnesota)								
COUNTY OF Honnepin_)								
On this 19 day of September 2013 before me personally appeared Christine								
Dreis 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] [SEAL]								

Notary Public

PATENT REEL: 034399 FRAME: 0614 Serial No.: PCT/US2013/021259

ASSIGNEE:

WE AGREE TO AND ACCEPT THE ATTACHED ASSIGNMENT DOCUMENT ON THIS 4th DAY OF October, 2013.

## **REGENTS OF THE UNIVERSITY OF MINNESOTA**

NAME:\_\_\_\_\_ Paul B. Savereide

TITLE: \_\_\_\_\_\_\_Associate General Counsel

STATE OF MINNESOTA	.)
	) SS.
COUNTY OF HENNEP	IN)

BEFORE ME, A NOTARY PUBLIC IN AND FOR SAID COUNTY AND STATE, PERSONALLY APPEARED <u>1011 B Savereide</u>, 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 DAY OF , 2013. NOTARY PUBLIC NETTE J NYGREN Notary Public Minnesota Commission Expires January 31, 201

**RECORDED: 12/05/2014**