PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2842086

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
ROGER A. JONES	04/15/2014
BARBARA L. GAFFNEY	04/15/2014

RECEIVING PARTY DATA

Name:	RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY	
Street Address:	OLD QUEENS BUILDING	
Internal Address:	SOMERSET AND GEORGE STREETS	
City:	NEW BRUNSWICK	
State/Country:	NEW JERSEY	
Postal Code:	08903	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14096845

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: 9528764084

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:	08035.048US1	
NAME OF SUBMITTER:	PETER L. MALEN	
SIGNATURE:	/Peter L. Malen, Reg. No. 44,894/	
DATE SIGNED:	05/05/2014	

Total Attachments: 4

source=08035.048 US1-Assignment to be filed0001#page1.tif source=08035.048 US1-Assignment to be filed0001#page2.tif source=08035.048 US1-Assignment to be filed0001#page3.tif source=08035.048 US1-Assignment to be filed0001#page4.tif

PATENT

502795491 REEL: 032821 FRAME: 0911

ASSIGNMENT

WHEREAS, We, <u>ROGER A. JONES</u> and <u>BARBARA L. GAFFNEY</u>, made certain new and useful inventions and improvements for which we filed a Patent Application in the United States on <u>DECEMBER 4, 2013</u>, which application was assigned U.S. Patent Application Serial Number <u>14/096,845</u>.

AND WHEREAS, <u>RUTGERS</u>, <u>THE STATE UNIVERSITY OF NEW JERSEY</u>, a corporation organized and existing under and by virtue of the laws of the state of <u>NEW JERSEY</u>, having an office and place of business at <u>OLD QUEENS BUILDING</u>, <u>SOMERSET and GEORGE STREETS</u>, <u>NEW BRUNSWICK</u>, <u>NJ 08903</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 the 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: 032821 FRAME: 0912 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
STATE OF New Jersey
STATE OF New Jersey)ss COUNTY OF Middlesex
On this 15th day of April 2014 before me personally appeared ROGER A.
JONES 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] M FOMM Notary Public
PUBLIC PU

PATENT REEL: 032821 FRAME: 0913

IN TESTIMONY WHEREOF, I ha	ave hereunto set my hand this 15 day of
Agri /, 2014.	Barbara L. Lephy
BARE	BARA L. GAFFNEY
STATE OF New Jersey	
COUNTY OF Middlesex	
On this 15th day of April	, 2014 before me personally appeared <u>BARBARA</u>
L. GAFFNEY to me known and known to	me to be the person described in and who executed the
	edged to me that he/she executed the same for the uses and
purposes therein set forth.	
[SEAL]	Moren h. Jowles Notary Public
	* INCLAIV FUDIC

Docket No: 08035.048US1 Serial No.: 14/096,845



PATENT REEL: 032821 FRAME: 0914

Docket No: 08035.048US1 Serial No.: 14/096,845 WE AGREE TO AND ACCEPT THE ATTACHED ASSIGNMENT DOCUMENT ON THIS 37^{90} DAY OF RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY Mammour, PhD Associate VP of Innovation and Partnership STATE OF NEW JERSEY

BEFORE ME, A NOTARY PUBLIC IN AND FOR SAID COUNTY AND STATE, PERSONALLY APPEARED Richard Mammone, 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 28th DAY OF

) SS.

)

MARIAN MONAHAN

NOTARY PUBLIC OF NEW JERSEY My Commission Exp. Jan 6, 2016

> **PATENT** REEL: 032821 FRAME: 0915

RECORDED: 05/05/2014

(SEAL)

COUNTY OF MIDDLESEX