

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>Alan Goldman</td> <td>01/17/2013</td> </tr> <tr> <td>Ritu Ahuja</td> <td>06/25/2013</td> </tr> <tr> <td>William Schinski</td> <td>01/19/2013</td> </tr> </tbody> </table>		Name	Execution Date	Alan Goldman	01/17/2013	Ritu Ahuja	06/25/2013	William Schinski	01/19/2013				
Name	Execution Date												
Alan Goldman	01/17/2013												
Ritu Ahuja	06/25/2013												
William Schinski	01/19/2013												
RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Rutgers, The State University of New Jersey</td> </tr> <tr> <td>Street Address:</td> <td>Old Queens Building</td> </tr> <tr> <td>Internal Address:</td> <td>Somerset and George Streets</td> </tr> <tr> <td>City:</td> <td>New Brunswick</td> </tr> <tr> <td>State/Country:</td> <td>NEW JERSEY</td> </tr> <tr> <td>Postal Code:</td> <td>08903</td> </tr> </table>		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
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													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13657723</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13657723								
Property Type	Number												
Application Number:	13657723												
CORRESPONDENCE DATA													
Fax Number: 9528764098 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 952-876-4084 Email: dgherity@vhpglobalip.com Correspondent Name: Viksnins Harris & Padys PLLP Address Line 1: 7900 International Drive, Suite 670 Address Line 4: Bloomington, MINNESOTA 55425													
ATTORNEY DOCKET NUMBER:	08035.024US1												
NAME OF SUBMITTER:	Peter L. Malen												
Signature:	/Peter L. Malen/												

502399647

PATENT  
 REEL: 030692 FRAME: 0871

CH \$40.00 13657723

Date:

06/26/2013

**Total Attachments: 6**

source=08035.024US1-Assignment to be Filed#page1.tif

source=08035.024US1-Assignment to be Filed#page2.tif

source=08035.024US1-Assignment to be Filed#page3.tif

source=08035.024US1-Assignment to be Filed#page4.tif

source=08035.024US1-Assignment to be Filed#page5.tif

source=08035.024US1-Assignment to be Filed#page6.tif

## ASSIGNMENT

WHEREAS, We, Alan Goldman, Ritu Ahuja, and William Schinski, made certain new and useful inventions and improvements for which we filed a patent application in the United States on October 22, 2012, which application was assigned U.S. Patent Application Serial Number 13/657,723.

AND WHEREAS, Rutgers, The State University of New Jersey, a university organized and existing under and by virtue of the laws of the state of New Jersey having an office and place of business at Old Queens Building, Somerset and George Streets, New Brunswick, New Jersey 08903 (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 17<sup>th</sup> day of January, 2013.

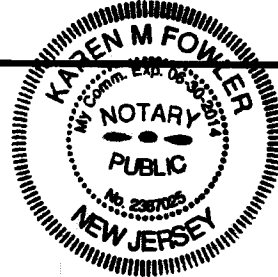
Alan Goldman

STATE OF New Jersey )  
 )ss  
COUNTY OF Middlesex )

On this 17<sup>th</sup> day of January, 2013 before me personally appeared Alan Goldman 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]

Karen M. Fowler  
Notary Public



IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

Ritu Ahuja

STATE OF \_\_\_\_\_ )

)ss

COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2013 before me personally appeared Ritu Ahuja 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 19 day of JANUARY, 2013.

William Schinski

William Schinski

STATE OF California )

)ss

COUNTY OF Siskiyou )

On this 19 day of JANUARY, 2013 before me personally appeared William Schinski 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]



Jeannine M. Tobey  
Notary Public

## ASSIGNMENT

WHEREAS, We, Alan Goldman, Ritu Ahuja, and William Schinski, made certain new and useful inventions and improvements for which we filed a patent application in the United States on October 22, 2012, which application was assigned U.S. Patent Application Serial Number 13/657,723.

AND WHEREAS, Rutgers, The State University of New Jersey, a university organized and existing under and by virtue of the laws of the state of New Jersey having an office and place of business at Old Queens Building, Somerset and George Streets, New Brunswick, New Jersey 08903 (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 \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
Alan Goldman

STATE OF \_\_\_\_\_ )  
 )ss  
COUNTY OF \_\_\_\_\_ )

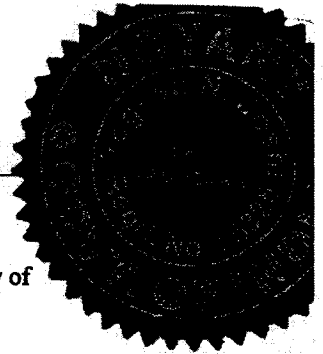
On this \_\_\_\_\_ day of \_\_\_\_\_, 2013 before me personally appeared Alan Goldman to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

\_\_\_\_\_  
Notary Public  
\_\_\_\_\_

No. 2287  
Date 25/6/13

Docket No: 08035.024US1  
Page 3 of 4



IN TESTIMONY WHEREOF, I have hereunto set my hand this 25<sup>th</sup> day of June, 2013.

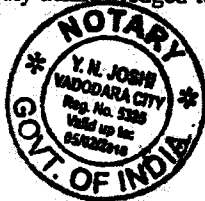
Ritu Ahuja

My Commission Expires on : 5/2/2018

STATE OF Gujarat )  
COUNTY OF India )ss

On this 25<sup>th</sup> day of June, 2013 before me personally appeared Ritu Ahuja 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

BEFORE ME :

25/6/13  
YOGESH N. JOSHI  
NOTARY

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

William Schinski

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ )ss

On this \_\_\_\_\_ day of \_\_\_\_\_, 2013 before me personally appeared William Schinski 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