

## 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>DENNIS SYLVESTER</td> <td>08/01/2013</td> </tr> <tr> <td>DAVID T. BLAAUW</td> <td>08/06/2013</td> </tr> <tr> <td>DAVID ALAN FICK</td> <td>08/06/2013</td> </tr> <tr> <td>MATTHEW FOJTIK</td> <td>08/09/2013</td> </tr> <tr> <td>BHARAN GIRIDHAR</td> <td>08/01/2013</td> </tr> </tbody> </table>		Name	Execution Date	DENNIS SYLVESTER	08/01/2013	DAVID T. BLAAUW	08/06/2013	DAVID ALAN FICK	08/06/2013	MATTHEW FOJTIK	08/09/2013	BHARAN GIRIDHAR	08/01/2013
Name	Execution Date												
DENNIS SYLVESTER	08/01/2013												
DAVID T. BLAAUW	08/06/2013												
DAVID ALAN FICK	08/06/2013												
MATTHEW FOJTIK	08/09/2013												
BHARAN GIRIDHAR	08/01/2013												
RECEIVING PARTY DATA													
Name:	THE REGENTS OF THE UNIVERSITY OF MICHIGAN												
Street Address:	1600 HURON PARKWAY, 2ND FLOOR												
City:	ANN ARBOR												
State/Country:	MICHIGAN												
Postal Code:	48109-2590												
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>13940864</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13940864								
Property Type	Number												
Application Number:	13940864												
CORRESPONDENCE DATA													
Fax Number:	(703)816-4100												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	703-816-4000												
Email:	krm@nixonvan.com												
Correspondent Name:	STANLEY C. SPOONER												
Address Line 1:	901 NORTH GLEBE ROAD												
Address Line 2:	11TH FLOOR												
Address Line 4:	ARLINGTON, VIRGINIA 22203												
ATTORNEY DOCKET NUMBER:	SCS-550-1632												
NAME OF SUBMITTER:	STANLEY C. SPOONER												

OP \$40.00 13940864

Signature:	/Stanley C. Spooner/
Date:	10/03/2013
Total Attachments: 4 source=550-1632Assignment#page1.tif source=550-1632Assignment#page2.tif source=550-1632Assignment#page3.tif source=550-1632Assignment#page4.tif	

United States and  
Foreign (Joint)

Case:

**ASSIGNMENT AND AGREEMENT**

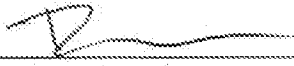
FOR VALUE RECEIVED, and to perfect the ownership of the Regents as established under Regents Bylaw 3.10 of the University of Michigan, we, Dennis Sylvester, David T. Blaauw, David Alan Fick, and Matthew Fojtik, Bharan Giridhar, all of Ann Arbor, Michigan, hereby sell, assign and transfer to The Regents of the University of Michigan, a not-for-profit organization duly organized and existing under the laws of the State of Michigan as assignee, and its successors, assigns and legal representatives, our entire right, title and interest for the patent application having a Serial Number of 13/940,864 and a filing date of July 12, 2013 and any application claiming priority thereto; any continuation, continuation-in-part, divisional, re-examination, reissue or prolongation thereof ; and all the rights and privileges under any United States Letters Patent and all foreign Letters Patent that may be granted therefor, including the inventions described therein. We hereby grant permission for the attorney of record to insert the filing information into this agreement.

We request that any and all United States and foreign patents for the inventions be issued to the assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries, and for vesting title thereto in the assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for the inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

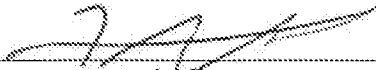
We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

Signed:  8/1/13  
Dennis Sylvester

Signed: \_\_\_\_\_

Signed:  8/6/13  
David Alan Fick

Signed: \_\_\_\_\_  
Matthew Fojtik

Signed:  8/6/13  
David Brown

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

Signed: \_\_\_\_\_  
Dennis Sylvester

Signed: \_\_\_\_\_  
David T. Blaauw

Signed: \_\_\_\_\_  
David Alan Fick

Signed: \_\_\_\_\_  
Matthew Fojtik

Signed:  \_\_\_\_\_ 08-01-13  
Bharan Giridhar

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

Signed: \_\_\_\_\_  
Dennis Sylvester

Signed: \_\_\_\_\_  
David T. Blaauw

Signed: \_\_\_\_\_  
David Alan Fick

Signed: Matthew Fojtik 8/9/13  
Matthew Fojtik

Signed: \_\_\_\_\_  
Bharan Giridhar