

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>Russell J. Holmes</td> <td>11/15/2012</td> </tr> <tr> <td>Richa Pandey</td> <td>11/14/2012</td> </tr> <tr> <td>Stephen Matt Menke</td> <td>11/15/2012</td> </tr> </tbody> </table>		Name	Execution Date	Russell J. Holmes	11/15/2012	Richa Pandey	11/14/2012	Stephen Matt Menke	11/15/2012		
Name	Execution Date										
Russell J. Holmes	11/15/2012										
Richa Pandey	11/14/2012										
Stephen Matt Menke	11/15/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Regents of the University of Minnesota</td> </tr> <tr> <td>Street Address:</td> <td>1000 Westgate Drive, Suite 160</td> </tr> <tr> <td>City:</td> <td>Saint Paul</td> </tr> <tr> <td>State/Country:</td> <td>MINNESOTA</td> </tr> <tr> <td>Postal Code:</td> <td>55114-8658</td> </tr> </table>		Name:	Regents of the University of Minnesota	Street Address:	1000 Westgate Drive, Suite 160	City:	Saint Paul	State/Country:	MINNESOTA	Postal Code:	55114-8658
Name:	Regents of the University of Minnesota										
Street Address:	1000 Westgate Drive, Suite 160										
City:	Saint Paul										
State/Country:	MINNESOTA										
Postal Code:	55114-8658										
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>13929028</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13929028						
Property Type	Number										
Application Number:	13929028										
CORRESPONDENCE DATA											
Fax Number: 8777697945 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 212-765-5070 Email: jwright@fr.com Correspondent Name: Joseph Valentino Address Line 1: FISH & RICHARDSON P.C. Address Line 2: P.O.BOX 1022 Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022											
ATTORNEY DOCKET NUMBER:	09531-0323001										
NAME OF SUBMITTER:	Jill A. Wright										
Signature:	/Jill A. Wright/										

Date:

08/06/2013

Total Attachments: 4

source=09531-0323assign#page1.tif

source=09531-0323assign#page2.tif

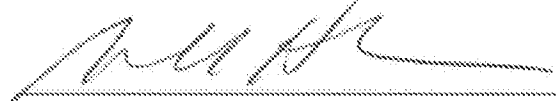
source=09531-0323assign#page3.tif

source=09531-0323assign#page4.tif

ASSIGNMENT

For valuable consideration, we, Russell J. Holmes, of 1635 Hemlock Way, Chanhassen, MN 55317; Richa Pandey, of 75 Saint Alphonsus Street, Apt. 603, Boston, MA 02120; and Stephen Matt Menke, of 2606 Humboldt Avenue S, Apt. 11, Minneapolis, MN 55408, hereby assign to REGENTS OF THE UNIVERSITY OF MINNESOTA, a corporation of Minnesota, having a place of business at 1000 Westgate Drive, Suite 160, Saint Paul, MN 55114-8658, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled SPECTRALLY TUNABLE BROADBAND ORGANIC PHOTODETECTORS, filed June 27, 2012, and assigned U.S. Serial Number 61/665,153, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: 11/15/12

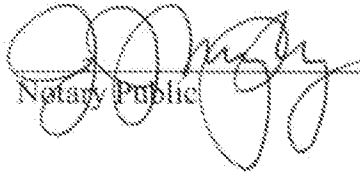


RUSSELL J. HOLMES

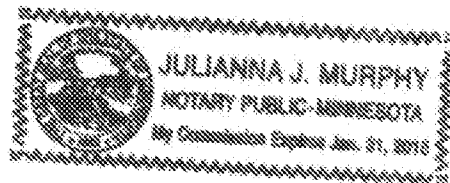
STATE OF MINNESOTA)
) SS.
COUNTY OF HENNEPIN)

On NOVEMBER 15, 2012, before me, the undersigned, a notary public for the State of MINNESOTA, there personally appeared RUSSELL J. HOLMES personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.



Notary Public



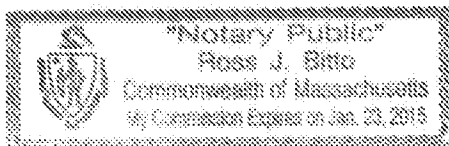
DATE: 11/14/12

Richa Pandey
RICHAN PANDEY

STATE OF Massachusetts)
COUNTY OF Suffolk) SS.

On November 14, 2012, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared RICHAN PANDEY personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.



Ross J. Bitto
Notary Public

DATE: 11/15/2012

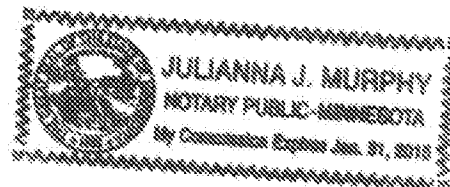
Stephen Matt Menke
STEPHEN MATT MENKE

STATE OF MINNESOTA)
) SS.
COUNTY OF HENNEPIN)

On NOVEMBER 15, 2012, before me, the undersigned, a notary public for the State of MINNESOTA, there personally appeared STEPHEN MATT MENKE personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.

[Signature]
Notary Public



30702722.doc