

PATENT ASSIGNMENT

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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>Michael J. Hochberg</td> <td>12/21/2011</td> </tr> <tr> <td>Jeremy Witzens</td> <td>01/24/2012</td> </tr> </tbody> </table>		Name	Execution Date	Michael J. Hochberg	12/21/2011	Jeremy Witzens	01/24/2012				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>University of Washington through its Center for Commercialization</td> </tr> <tr> <td>Street Address:</td> <td>4311 11th Avenue NE, Suite 500</td> </tr> <tr> <td>City:</td> <td>Seattle</td> </tr> <tr> <td>State/Country:</td> <td>WASHINGTON</td> </tr> <tr> <td>Postal Code:</td> <td>98105-4608</td> </tr> </table>		Name:	University of Washington through its Center for Commercialization	Street Address:	4311 11th Avenue NE, Suite 500	City:	Seattle	State/Country:	WASHINGTON	Postal Code:	98105-4608
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: (206)543-0586</p> <p>Phone: (206) 616-9287</p> <p>Email: docket@uw.edu</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: UW Center for Commercialization</p> <p>Address Line 1: 4311 - 11th Avenue NE, Suite 500</p> <p>Address Line 4: Seattle, WASHINGTON 98105</p>											
ATTORNEY DOCKET NUMBER:	45119.02US2										
NAME OF SUBMITTER:	Daniel Ogami										
<p>Total Attachments: 4</p> <p>source=45119.02US2_Assignment#page1.tif</p> <p>source=45119.02US2_Assignment#page2.tif</p> <p>source=45119.02US2_Assignment#page3.tif</p> <p>source=45119.02US2_Assignment#page4.tif</p>											

OP \$40.00 12974932

ASSIGNMENT

Case No.: 45119.02US2
Inventors: Michael J. Hochberg; Jeremy Witzens
Serial No.: 12/974,932
Filing Date: December 21, 2010

For sufficient, good, and valuable consideration, the receipt and sufficiency which are hereby acknowledged, the undersigned hereby sell, assign, and transfer to **University of Washington through its Center for Commercialization**, a public institution of higher education having a place of business at Seattle, Washington, its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

**“SILICON-GRAPHENE WAVEGUIDE PHOTODETECTORS, OPTICALLY ACTIVE
ELEMENTS AND MICROELECTROMECHANICAL DEVICES”**

and identified as:

Case No. 45119.02US2

in the offices of UNIVERSITY OF WASHINGTON CENTER FOR COMMERCIALIZATION and any and all other applications, both United States and foreign (including but not limited to all countries on the list below*), which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries (including but not limited to all countries on the list below*), which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for

Letters Patent in foreign countries (including but not limited to all countries on the list below*) on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

*Countries include, but are not limited to: all member countries of the Patent Cooperation Treaty (PCT) including Albania, Algeria, Antigua and Barbuda, Armenia, Australia, Austria, Azerbaijan, Barbados, Belarus, Belgium, Belize, Benin, Bosnia and Herzegovina, Brazil, Bulgaria, Burkina Faso, Cameroon, Canada, Central African Republic, Chad, China, Colombia, Congo, Costa Rica, Cote d'Ivoire, Croatia, Cuba, Cyprus, Czech Republic, Democratic People's Republic of Korea, Denmark, Dominica, Ecuador, Estonia, Finland, France, Gabon, Gambia, Georgia, Germany, Ghana, Greece, Grenada, Guinea, Guinea-Bissau, Hungary, Iceland, India, Indonesia, Ireland, Israel, Italy, Japan, Kazakhstan, Kenya, Krygyzstan, Latvia, Lesotho, Liberia, Liechtenstein, Lithuania, Luxembourg, Madagascar, Malawi, Mali, Mauritania, Mexico, Monaco, Mongolia, Monaco, Mongolia, Morocco, Netherlands, New Zealand, Niger, Norway, Poland, Portugal, Republic of Korea, Republic of Moldova, Romania, Russian Federation, Saint Lucia, Senegal, Sierra Leone, Singapore, Slovakia, Slovenia, South Africa, Spain, Sri Lanka, Sudan, Swaziland, Sweden, Switzerland, Tajikstan, The former Yugoslav Republic of Macedonia, Togo, Trinidad and Tobago, Tunisia, Turkey, Turkmenistan, Uganda, Ukraine, United Arab Emirates, United Kingdom, United Republic of Tanzania, United States of America, Uzbekistan, Vietnam, Yugoslavia, Zambia, Zimbabwe.

WITNESS my hand and seal this 26 day of Dec, 2011.

Michael J. Hochberg

State of

WA

County of

King

The foregoing instrument was acknowledged before me this 21 day of

December, 2011 by Michael J. Hochberg.

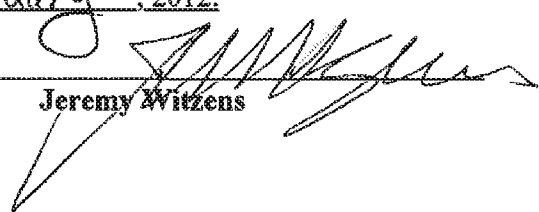


[Signature]
NOTARY PUBLIC

My Commission expires 11/10/2014

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WITNESS my hand and seal this 24 day of January, 2012.



Jeremy Witzens

State of _____

County of _____

The foregoing instrument was acknowledged before me this _____ day of _____, 2012 by Jeremy Witzens.

NOTARY PUBLIC

End of Document