

## 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>Brad R Weiner</td> <td>06/10/2013</td> </tr> <tr> <td>Deepak Varshney</td> <td>06/04/2013</td> </tr> <tr> <td>Gerardo Morell-Marrero</td> <td>06/10/2013</td> </tr> <tr> <td>Vladimir Makarov</td> <td>06/06/2013</td> </tr> </tbody> </table>		Name	Execution Date	Brad R Weiner	06/10/2013	Deepak Varshney	06/04/2013	Gerardo Morell-Marrero	06/10/2013	Vladimir Makarov	06/06/2013		
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<table border="1"> <tr> <td>Name:</td> <td>Puerto Rico, University of</td> </tr> <tr> <td>Street Address:</td> <td>1187 Flamboyant Street</td> </tr> <tr> <td>Internal Address:</td> <td>Botanical Gardens South</td> </tr> <tr> <td>City:</td> <td>San Juan</td> </tr> <tr> <td>State/Country:</td> <td>PUERTO RICO</td> </tr> <tr> <td>Postal Code:</td> <td>00926-1117</td> </tr> </table>		Name:	Puerto Rico, University of	Street Address:	1187 Flamboyant Street	Internal Address:	Botanical Gardens South	City:	San Juan	State/Country:	PUERTO RICO	Postal Code:	00926-1117
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
<p>Fax Number: 7877729533  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 7877729200        Email: rrios@hhoglund.com        Correspondent Name: Hoglund &amp; Pamias        Address Line 1: 256 Eleanor Roosevelt        Address Line 4: San Juan, PUERTO RICO 00918</p>													
ATTORNEY DOCKET NUMBER:	UPR-10142												
NAME OF SUBMITTER:	Roberto J Rios Cuevas												
Signature:	/Roberto J Rios Cuevas/												

OP \$40.00 13070214

Date:	06/19/2013
<b>Total Attachments: 8</b> source=BRW Assignment#page1.tif source=BRW Assignment#page2.tif source=DV Assignment#page1.tif source=DV Assignment#page2.tif source=GM Assignment#page1.tif source=GM Assignment#page2.tif source=VM Assignment#page1.tif source=VM Assignment#page2.tif	

UNIVERSITY OF PUERTO RICO  
VICEPRESIDENCY FOR RESEARCH AND TECHNOLOGY  
OFFICE OF INTELLECTUAL PROPERTY

ASSIGNMENT

Whereas I, Brad R. Weiner, of legal age, married, professor, and resident of Dorado, Puerto Rico, have made an invention titled: "Diamond Nucleation Using Polyethylene", for which a United States patent application was executed by the attached declaration, which is incorporated herein by reference, and/or for which a United States patent application was filed on March 23, 2011, and assigned application number 13/070,214.

Whereas I acknowledge that at all times during which I in any way participated in conceiving and reducing to practice the invention, I was a member of the faculty, staff or student body or was otherwise employed or engaged in work at the University of Puerto Rico and do therefore acknowledge my obligations under the *Institutional Policy for Patents, Inventions and Their Commercialization* (UPR Board of Trustees Certification No. 132, 2002-2003 and registered at the Department of State of the Commonwealth of Puerto Rico under Registration Number 6617 of May 16, 2003) and under the University of Puerto Rico's Policy of the President *To Establish the Distribution of the Net Income that Results from the Commercialization of the Patents of the University of Puerto Rico* (Document No. R-0304-17);

Whereas, the University of Puerto Rico, a non-profit educational institution whose mailing address is Botanical Gardens South, 1187 Flamboyán Street, San Juan, PR 00926-1117, is desirous of securing the entire right, title, and interest in and to the invention and patent application in all countries throughout the world, including the United States;

Now therefore, in consideration of my right to share in any proceeds that may arise from the licensing or commercialization of the invention and patent application under the above-mentioned policies of the University of Puerto Rico, and other good and valuable consideration, I do hereby state the following:

1. I have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer and set over unto the University of Puerto Rico, its lawful successors and assigns, my entire right, title, and interest in and to the invention, patent application, and all divisions, and continuations thereof, and all United States patents that may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the patent application, and all patent applications which may hereafter be filed for this invention in any foreign country, and patents which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof;
2. I hereby authorize and request the Director of Patents and Trademarks of the United States and any foreign official of any foreign country whose duty it is to issue patents on applications as described above, to issue all patents for this invention to the University of Puerto Rico, its successors and assigns, in accordance with the terms of this Assignment;

3. I hereby covenant and agree that I have the full right to convey the interest assigned by this Assignment, and that I have not executed and will not execute any agreement in conflict with this assignment; and
4. I hereby covenant and agree that I will, without further compensation, communicate with the University of Puerto Rico, its successors and assigns, any facts known to me respecting this invention, and testify in any legal proceedings, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title of the invention in the University of Puerto Rico, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths, and constructively assist the University of Puerto Rico, its successors and assigns, to obtain and enforce proper patent protection for the invention in the United States and any foreign countries, where any expense incident to the execution of such papers shall be borne by the University of Puerto Rico, its successors and assigns.

By: \_\_\_\_\_

*Ruul*

(Name)

10 June 2013

Affidavit No. 01121

Sworn and subscribed to before me by Ruul R. Ruiz, of the above-mentioned circumstances, and personally known by me, in Puerto Rico, this 10<sup>th</sup> day of June, 2013.



Este exenta de la Cancelación  
de sello bajo 18 LPRA812 (F)

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

UNIVERSITY OF PUERTO RICO  
VICEPRESIDENCY FOR RESEARCH AND TECHNOLOGY  
OFFICE OF INTELLECTUAL PROPERTY

ASSIGNMENT

Whereas I, Deepak Varshney, of legal age, married, researcher, and resident of 2900 West Highland Street, Apt 232, Chandler, 85224, Arizona, have made an invention titled: "**Diamond Nucleation Using Polyethene**", for which a United States patent application was executed by the attached declaration, which is incorporated herein by reference, and/or for which a United States patent application was filed on March 23, 2011, and assigned application number 13/070,214.

Whereas I acknowledge that at all times during which I in any way participated in conceiving and reducing to practice the invention, I was a member of the faculty, staff or student body or was otherwise employed or engaged in work at the University of Puerto Rico and do therefore acknowledge my obligations under the *Institutional Policy for Patents, Inventions and Their Commercialization* (UPR Board of Trustees Certification No. 132, 2002-2003 and registered at the Department of State of the Commonwealth of Puerto Rico under Registration Number 6617 of May 16, 2003) and under the University of Puerto Rico's Policy of the President *To Establish the Distribution of the Net Income that Results from the Commercialization of the Patents of the University of Puerto Rico* (Document No. R-0304-17);

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Now therefore, in consideration of my right to share in any proceeds that may arise from the licensing or commercialization of the invention and patent application under the above-mentioned policies of the University of Puerto Rico, and other good and valuable consideration, I do hereby state the following:

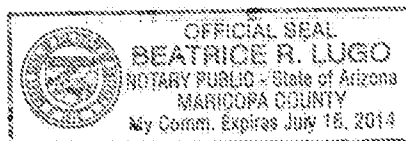
1. I have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer and set over unto the University of Puerto Rico, its lawful successors and assigns, my entire right, title, and interest in and to the invention, patent application, and all divisions, and continuations thereof, and all United States patents that may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the patent application, and all patent applications which may hereafter be filed for this invention in any foreign country, and patents which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof;
2. I hereby authorize and request the Director of Patents and Trademarks of the United States and any foreign official of any foreign country whose duty it is to issue patents on applications as described above, to issue all patents for this invention to the University of Puerto Rico, its successors and assigns, in accordance with the terms of this Assignment;

3. I hereby covenant and agree that I have the full right to convey the interest assigned by this Assignment, and that I have not executed and will not execute any agreement in conflict with this assignment; and
4. I hereby covenant and agree that I will, without further compensation, communicate with the University of Puerto Rico, its successors and assigns, any facts known to me respecting this invention, and testify in any legal proceedings, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title of the invention in the University of Puerto Rico, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths, and constructively assist the University of Puerto Rico, its successors and assigns, to obtain and enforce proper patent protection for the invention in the United States and any foreign countries, where any expense incident to the execution of such papers shall be borne by the University of Puerto Rico, its successors and assigns.

By: Deepak Varshney  
(Name)

Affidavit No. \_\_\_\_\_

Sworn and subscribed to before me by Deepak Varshney, of the above-mentioned circumstances, and personally known by me through ID: Passport No. K3917688, in Chandler, Arizona, this 4th day of June, 2013.



Beatrice R. Lugo  
Notary Public Signature

UNIVERSITY OF PUERTO RICO  
VICEPRESIDENCY FOR RESEARCH AND TECHNOLOGY  
OFFICE OF INTELLECTUAL PROPERTY

ASSIGNMENT

Whereas I, Gerardo Morell Marrero, of legal age, married, professor, and resident of Guaynabo, Puerto Rico, have made an invention titled: "**Diamond Nucleation Using Polyethylene**", for which a United States patent application was executed by the attached declaration, which is incorporated herein by reference, and/or for which a United States patent application was filed on March 23, 2011, and assigned application number 13/070,214.

Whereas I acknowledge that at all times during which I in any way participated in conceiving and reducing to practice the invention, I was a member of the faculty, staff or student body or was otherwise employed or engaged in work at the University of Puerto Rico and do therefore acknowledge my obligations under the *Institutional Policy for Patents, Inventions and Their Commercialization* (UPR Board of Trustees Certification No. 132, 2002-2003 and registered at the Department of State of the Commonwealth of Puerto Rico under Registration Number 6617 of May 16, 2003) and under the University of Puerto Rico's Policy of the President *To Establish the Distribution of the Net Income that Results from the Commercialization of the Patents of the University of Puerto Rico* (Document No. R-0304-17);

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Now therefore, in consideration of my right to share in any proceeds that may arise from the licensing or commercialization of the invention and patent application under the above-mentioned policies of the University of Puerto Rico, and other good and valuable consideration, I do hereby state the following:

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By: *Serafin M. Moya*  
(Name) 10 junio 2013

Affidavit No. 01122

Sworn and subscribed to before me by *Serafin M. Moya*, of the above-mentioned circumstances, and personally known by me, in Puerto Rico, this 10<sup>th</sup> day of June, 2013.



Commonwealth of Puerto Rico  
Office of the Cancellation  
under 18 LPRA612 (F)

*[Signature]*  
Notary Public Signature



UNIVERSITY OF PUERTO RICO  
VICEPRESIDENCY FOR RESEARCH AND TECHNOLOGY  
OFFICE OF INTELLECTUAL PROPERTY

ASSIGNMENT

Whereas I, Vladimir Makarov, of legal age, married, professor, and resident of San Juan, Puerto Rico, have made an invention titled: "**Diamond Nucleation Using Polyethene**", for which a United States patent application was executed by the attached declaration, which is incorporated herein by reference, and/or for which a United States patent application was filed on March 23, 2011, and assigned application number 13/070,214.

V. M.  
Whereas I acknowledge that at all times during which I in any way participated in conceiving and reducing to practice the invention, I was a member of the faculty, staff or student body or was otherwise employed or engaged in work at the University of Puerto Rico and do therefore acknowledge my obligations under the *Institutional Policy for Patents, Inventions and Their Commercialization* (UPR Board of Trustees Certification No. 132, 2002-2003 and registered at the Department of State of the Commonwealth of Puerto Rico under Registration Number 6617 of May 16, 2003) and under the University of Puerto Rico's Policy of the President *To Establish the Distribution of the Net Income that Results from the Commercialization of the Patents of the University of Puerto Rico* (Document No. R-0304-17);

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- By: \_\_\_\_\_  
(Name)
- June 6, 2013

Sworn and subscribed to before me by Vladimir Ivanovich Makarav, of the above-mentioned circumstances, and personally known by me through ID: W-863466, in Puerto Rico, this 6<sup>th</sup> day of June, 2013.



**PATENT**  
**REEL: 030644 FRAME: 0038**