

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3395398

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BELINDA PASTRANA-RIOS	06/11/2015
NICOLAS ESTEVES	06/06/2015
JOSE RODRIGUEZ-TORO	06/04/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	UNIVERSITY OF PUERTO RICO
<b>Street Address:</b>	BOTANICAL GARDEN SOUTH
<b>Internal Address:</b>	1187 FLAMBOYAN STREET
<b>City:</b>	SAN JUAN
<b>State/Country:</b>	PUERTO RICO
<b>Postal Code:</b>	00926
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14492093
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(787)772-9533
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	787-772-9200
<b>Email:</b>	rrios@hhoglund.com
<b>Correspondent Name:</b>	ROBERTO RIOS
<b>Address Line 1:</b>	256 ELEANOR ROOSEVELT
<b>Address Line 4:</b>	SAN JUAN, PUERTO RICO 00918
<b>ATTORNEY DOCKET NUMBER:</b>	UPR-12211
<b>NAME OF SUBMITTER:</b>	ROBERTO J RIOS-CUEVAS
<b>SIGNATURE:</b>	/Roberto J Rios Cuevas/
<b>DATE SIGNED:</b>	06/12/2015
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 9</b>	
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OFFICE OF INTELLECTUAL PROPERTY

COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY PATENT  
AND DESIGN PATENT APPLICATIONS

DECLARATION

As a below named inventor, I/we hereby declare that this declaration is directed to:

- ☐ the attached application, or  
☒ United States application or PCT international application number 14/492,093 filed on (MM/DD/YYYY) 9/22/2014 and was amended on (MM/DD/YYYY) (if applicable).

*Compliance with the Leahy-Smith America Invents Act*

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

*Compliance for U.S. applications and PCT applications designating the U.S. filed before September 16, 2012*

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought.

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above.

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

All statements made herein of my/our own knowledge are true, all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

## ASSIGNMENT

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

PATENT

REEL: 035900 FRAME: 0216

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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.

INVENTOR

Signature: José Rodríguez Toro

Name: José Rodríguez-Toro

Address: URB. QUINTO CENTENARIO

CALLE REINA ISABEL 700

PAYAGUEZ, PR 00680

Citizenship: United States

Date: June 4, 2015

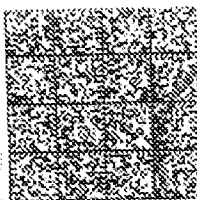
Affidavit No. 13,615

Sworn and subscribed to before me by JOSE JAVIER RODRIGUEZ TORO, of the above-mentioned circumstances, and personally known by me through ID Driver's License #4353282, in -

AGUADILLA, PUERTO RICO, this 4 day of June, 2015.

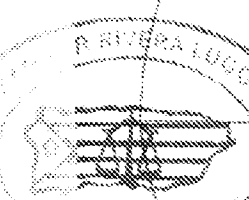
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35 Calle Aguadilla, Luperón  
00680-2015-0527-47861028



Notary Public Signature

PATENT

REEL: 035900 FRAME: 0217

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NE  
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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INVENTOR

Signature: Nicolas Esteves

Name: Nicolas Esteves

Address: 310 Echols St.  
Greenville SC 29601

Citizenship: USA

Date: June 6th, 2015

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

Sworn and subscribed to before me by Nicolas Estevez, of the above-mentioned circumstances, and personally known by me through ID: (DL) 103158783, in - Greenville, South Carolina, this 6th day of June, 2015.

Notary Seal

Notary Public Signature

My Commission Expires: November 18, 2024



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INVENTOR

Signature: *Belinda Pastrana*

Name: Belinda Pastrana-Rios

Address: Dept. of Chemistry  
University of PR Mayaguez Campus  
259 Alfonso Valdes BLVD, Mayaguez, PR 00680

Citizenship: USA

Date: June 11<sup>th</sup> 2015

Affidavit No. 26,694

Sworn and subscribed to before me by Belinda Pastrana, of the above-mentioned circumstances, and personally known by me through ID: Driver's License 4256820 in - Mayaguez, Puerto Rico, this 11 day of June, 2015.



*[Signature]*  
Notary Public Signature  
Life Commission  
Lic. #16,088