

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2590342

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>DAVID ALAN COLBY</td> <td>04/03/2012</td> </tr> <tr> <td>MARK VICENT RIOFSKI</td> <td>04/03/2012</td> </tr> <tr> <td>CHANGHO HAN</td> <td>04/03/2012</td> </tr> </tbody> </table>		Name	Execution Date	DAVID ALAN COLBY	04/03/2012	MARK VICENT RIOFSKI	04/03/2012	CHANGHO HAN	04/03/2012		
Name	Execution Date										
DAVID ALAN COLBY	04/03/2012										
MARK VICENT RIOFSKI	04/03/2012										
CHANGHO HAN	04/03/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>PURDUE RESEARCH FOUNDATION</td> </tr> <tr> <td>Street Address:</td> <td>1281 WIN HENTSCHEL BLVD</td> </tr> <tr> <td>City:</td> <td>WEST LAFAYETTE</td> </tr> <tr> <td>State/Country:</td> <td>INDIANA</td> </tr> <tr> <td>Postal Code:</td> <td>47906</td> </tr> </table>		Name:	PURDUE RESEARCH FOUNDATION	Street Address:	1281 WIN HENTSCHEL BLVD	City:	WEST LAFAYETTE	State/Country:	INDIANA	Postal Code:	47906
Name:	PURDUE RESEARCH FOUNDATION										
Street Address:	1281 WIN HENTSCHEL BLVD										
City:	WEST LAFAYETTE										
State/Country:	INDIANA										
Postal Code:	47906										
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>14006386</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14006386						
Property Type	Number										
Application Number:	14006386										
CORRESPONDENCE DATA											
<p>Fax Number: (765)463-3486</p> <p>Email: <a href="mailto:otcpatent@prf.org">otcpatent@prf.org</a></p> <p><i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i></p> <p>Correspondent Name: PURDUE RESEARCH FOUNDATION</p> <p>Address Line 1: 1281 WIN HENTSCHEL BLVD</p> <p>Address Line 4: WEST LAFAYETTE, INDIANA 47906</p>											
ATTORNEY DOCKET NUMBER:	65561-05										
NAME OF SUBMITTER:	JENI MARTIN										
Signature:	/Jeni Martin/										
Date:	10/24/2013										

**Total Attachments: 7**

source=65561\_00\_WO\_2012\_04\_06\_Executed\_Assignment#page1.tif

source=65561\_00\_WO\_2012\_04\_06\_Executed\_Assignment#page2.tif

source=65561\_00\_WO\_2012\_04\_06\_Executed\_Assignment#page3.tif

source=65561\_00\_WO\_2012\_04\_06\_Executed\_Assignment#page4.tif

source=65561\_00\_WO\_2012\_04\_06\_Executed\_Assignment#page5.tif

source=65561\_00\_WO\_2012\_04\_06\_Executed\_Assignment#page6.tif

source=65561\_00\_WO\_2012\_04\_06\_Executed\_Assignment#page7.tif

**ASSIGNMENT**

**WHEREAS, WE, DAVID ALAN COLBY**, citizen of the United States; **MARK VINCENT RIOFSKI**, citizen of the United States; **CHANGHO HAN**, citizen of Korea; (hereinafter "Assignors"), have made or developed a technology, generally known as:

**"THE RELEASE OF TRIFLUOROACETATE AND APPLICATIONS TO SYNTHESIS",**

which is further described in an international patent application filed under the Patent Cooperation Treaty on March 22, 2012 and accorded Application No. PCT/US12/30089 ("Technology"); and

**WHEREAS**, Purdue Research Foundation, a statutory body corporate formed and existing under the Indiana Foundation or Holding Companies Act of 1921, having a place of business at *1281 Win Hentschel Blvd, West Lafayette, IN 47906* (hereinafter "Assignee"), is desirous of accepting and assuming all such right, title, and interests of the Assignor.

**NOW, THEREFORE**, for good and valuable consideration, receipt of which is hereby acknowledged, the Assignor(s) do hereby sell, transfer, convey, assign and deliver unto the Assignee, its successors, assigns and legal representatives, any and all intellectual property rights related to the Technology, including but not limited to: all precursors, portions, and works in progress with respect thereto and all inventions, works of authorship, masks works, technology, information, know-how, materials and tools relating thereto or to the development, support or maintenance thereof; all copyright, patent rights, trade secret rights, trademark rights, mask works rights, and all other intellectual property rights and all business, contract rights and goodwill in, incorporated or embodied in, used to develop, or related to any of the foregoing and any registrations and applications for registrations of the foregoing throughout the United States of America and the world and any and all other applications arising therefrom, including any and all divisions and continuations of the Technology, and any and all patents to be issued and obtained therefore and thereon, in the United States and throughout the world, including all

reissues, substitutions, supplements, and extensions thereof (collectively, the "Intellectual Property");

**AND WE HEREBY** agree to communicate to Assignee or its representative any facts known to us respecting the Technology whether or not patentable, which we may conceive, develop, make, produce or reduce to practice in whole or in part as a result of any employment, research, or activity involving or relating to the use of Purdue University resources; and agree to sign all lawful documents and make all rightful oaths and declarations relating to said Technology and Intellectual Property; authorize Assignee to insert herein the date of application, serial number, date of registration, and registration number of patents issued once known; and agree to otherwise aid ASSIGNEE as necessary and desirable to:

1. Obtain, enforce, and maintain any issued letters patent in the United States or throughout the world, when reasonably requested to do so by Assignee, including but not limited to executing, acknowledging, and delivering to Assignee such written documents and instruments as Assignee requests and giving testimony in support of Assignee's inventorship, as may be necessary in Assignee's opinion to obtain and maintain patents in the United States of America and throughout the world;

2. Secure or aid in securing and maintaining copyright protection in the Intellectual Property and assist Assignee or its nominees in filing applications to register copyright in the name of Assignee as owner in such Intellectual Property; and

3. Execute, acknowledge, and deliver to Assignee at its expense, such written documents and instruments and do such other acts as may be necessary in the opinion of Assignee, to vest the entire rights, title, and interests in and to the Intellectual Property to Assignee and to confirm the complete ownership thereof by Assignee.

**AND WE HEREBY** authorize ASSIGNEE to take any and all action necessary to effectuate this Assignment, including but not limited to, the filing of the Assignment with the U.S. Patent and Trademark Office and U.S. Copyright Office.

**AND *WE* HEREBY** authorize and request the Director of the U.S. Patent and Trademark Office or any other proper officer or agency throughout the world to issue any and all said letters patent to Assignee.

**AND *WE* HEREBY** warrant and covenant that *we* have full rights to convey the entire right, title and interest herein assigned and that *we* have not executed and will not execute any instrument or assignment in conflict herewith;

This Assignment shall be binding upon Assignor(s) and their heirs, successors, and assigns. Should any term of this Assignment be found invalid or unenforceable, it shall not affect the validity or enforceability of any other term of this Assignment. The laws of the State of Indiana will govern the interpretation, validity, and effect of this Assignment, without regard to the place of making or to the place of performance.

This Assignment is hereby made effective as of the conception date of the Technology.

*[SIGNATURES ON NEXT PAGE]*

IN WITNESS WHEREOF, *We* have hereunto set our hands and seals.

ASSIGNOR:

4/3/12  
Date

*David Alan Colby*  
DAVID ALAN COLBY

County of TIPPECANOE )

State of INDIANA )

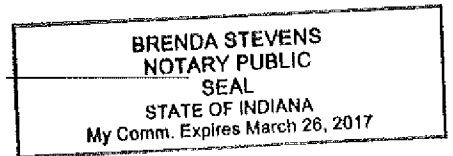
ss:

On this 3<sup>rd</sup> day of April, 2012, before me a Notary Public in and for the County and State aforesaid, personally appeared *DAVID ALAN COLBY*, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of *his/her* free act and deed.

*Brenda Stevens*  
Notary Public

(SEAL)

My commission Expires



4-3-12  
Date

Mark Vincent Rioski  
MARK VINCENT RIOFSKI

County of TIPPECANOE )

State of INDIANA )

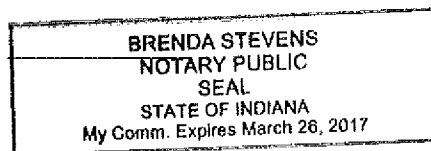
ss:

On this 3rd day of April, 2012, before me a Notary Public in and for the County and State aforesaid, personally appeared MARK VINCENT RIOFSKI, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of [his/her] free act and deed.

Brenda Stevens  
Notary Public

(SEAL)

My commission Expires



3/04/2012  
Date

Changho Han  
CHANGHO HAN

County of TIPPECANOE )

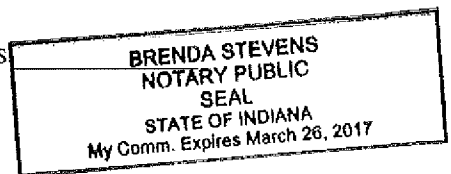
State of INDIANA ) ss:

On this 3rd day of April, 2012, before me a Notary Public in and for the County and State aforesaid, personally appeared CHANGHO HAN, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of [his/her] free act and deed.

Brenda Stevens  
Notary Public

(SEAL)

My commission Expires





ACCEPTED BY ASSIGNEE:

5 April 2012  
Date

By: Elizabeth A. Hart-Wells  
Printed: Elizabeth A. Hart-Wells  
Title: Assistant Vice-President and Director  
Office of Technology Commercialization  
Purdue Research Foundation