

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Robert Graham Cooks</td> <td>06/15/2012</td> </tr> <tr> <td>Livia Schiavinato Eberlin</td> <td>07/06/2012</td> </tr> <tr> <td>Christina Ramires Ferreira</td> <td>07/06/2012</td> </tr> <tr> <td>Allison Lisa Dill</td> <td>06/19/2012</td> </tr> <tr> <td>Demian Rocha Ifa</td> <td>07/04/2012</td> </tr> </tbody> </table>		Name	Execution Date	Robert Graham Cooks	06/15/2012	Livia Schiavinato Eberlin	07/06/2012	Christina Ramires Ferreira	07/06/2012	Allison Lisa Dill	06/19/2012	Demian Rocha Ifa	07/04/2012
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RECEIVING PARTY DATA													
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>13475305</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13475305								
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CORRESPONDENCE DATA													
<p>Fax Number:</p> <p>Email: ip@brownrudnick.com</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: Thomas C. Meyers, Brown Rudnick LLP</p> <p>Address Line 1: One Financial Center</p> <p>Address Line 4: Boston, MASSACHUSETTS 02111</p>													
ATTORNEY DOCKET NUMBER:	PURD-017/01US 28593/58												
NAME OF SUBMITTER:	Thomas C. Meyers												
Total Attachments: 9													

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ASSIGNMENT

WHEREAS, WE, ROBERT GRAHAM COOKS citizen of United States; **LIVIA SCHIAVINATO EBERLIN**, citizen of Brazil; **CHRISTINA RAMIRES FERREIRA**, citizen of Brazil; **ALLISON LISA DILL**, citizen of United States; **DEMIAN ROCHA IFA**, citizen of Brazil; (hereinafter "Assignors"), have made or developed a technology identified in a disclosure to Purdue Research Foundation (PRF) and assigned PRF reference number 65892, generally known as:

"METHODOLOGY FOR MORPHOLOGICALLY FRIENDLY TISSUE IMAGING BY DESORPTION ELECTROSPRAY IONIZATION MASS SPECTROMETRY,"

which is further described in a patent application filed in the United States Patent and Trademark Office on 5/18/12, and accorded Application No. 13/475,305 ("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, whether domestic or foreign related to the Technology, including but not limited to: all 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 divisional applications, continuation applications, and continuation-in-part applications (but only and solely to the extent such continuation-in-part applications are described in the priority application to which such continuation-in-part applications claim priority and such priority is not denied), 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 reissued Patents, 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:

15th June 2012
Date

R. G. Cooks
ROBERT GRAHAM COOKS

County of Tippecanoe)
State of Indiana)

ss:

On this 15 day of June, 2012, before me a Notary Public in and for the County and State aforesaid, personally appeared *ROBERT GRAHAM COOKS*, 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.



Megan K. Shoaf
Notary Public

My commission Expires 08-17-2019

07-06-2012
Date

Livia S Eberlin
LIVIA SCHIAVINATO EBERLIN

County of Tipppecanoe)
State of INDIANA)

ss:

On this 6th day of July, 2012, before me a Notary Public in and for the County and State aforesaid, personally appeared **LIVIA SCHIAVINATO EBERLIN**, 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.

(SEAL)

Donna D Wilkinson
Notary Public

DONNA D. WILKINSON

NOTARY PUBLIC, STATE OF INDIANA

My commission Expires MY COMMISSION EXPIRES FEBRUARY 25, 2015

07 06 2012
Date

Christina Ramires
CHRISTINA RAMIRES FERREIRA

County of Tipppecanoe)
State of INDIANA)

ss:

On this 6th day of July, 2012, before me a Notary Public in and for the County and State aforesaid, personally appeared **CHRISTINA RAMIRES FERREIRA**, 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.

Donna D. Wilkinso
Notary Public

(SEAL)

DONNA D. WILKINSON
NOTARY PUBLIC, STATE OF INDIANA
MY COMMISSION EXPIRES FEBRUARY 25, 2015

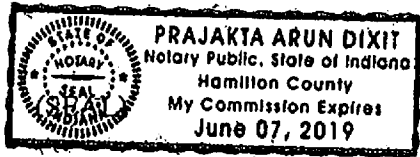
19-June-2012
Date

Allison Lisa Dill
ALLISON LISA DILL

County of MARION)
State of INDIANA)

ss:

On this 19th day of JUNE, 2012, before me a Notary Public in and for the County and State aforesaid, personally appeared ALLISON LISA DILL, 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.



Prajakta Arun Dixit
Notary Public

My commission Expires JUNE 7, 2019

ASSIGNOR OUTSIDE THE UNITED STATES (USA):

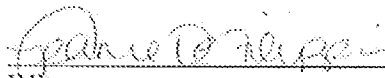
I am outside the United States of America (USA) and do not have access to a Notary Public.

I am signing this document in Toronto, Canada
(City, Country)

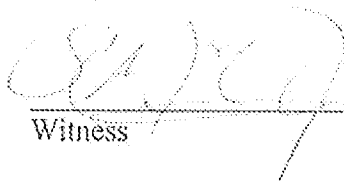
July 4th, 2012
Date


DEMIAN ROCHA IFA

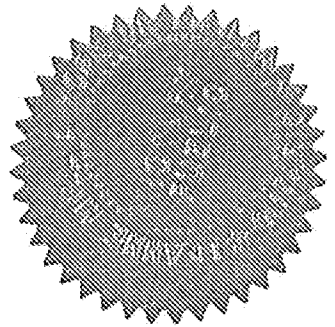
My signature has been witnessed by:


Witness

Leanne De Filippis
Printed Name



Witness

SARAH MILLINGTON
Printed Name



ACCEPTED BY ASSIGNEE:

13 July 2012
Date

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