

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>Gerald B. Hammond</td> <td>07/09/2012</td> </tr> <tr> <td>Bo Xu</td> <td>07/09/2012</td> </tr> </tbody> </table>		Name	Execution Date	Gerald B. Hammond	07/09/2012	Bo Xu	07/09/2012
Name	Execution Date						
Gerald B. Hammond	07/09/2012						
Bo Xu	07/09/2012						
RECEIVING PARTY DATA							
Name:	University of Louisville Research Foundation, Inc.						
Street Address:	MedCenter Three, 201 E. Jefferson, St.						
Internal Address:	Suite 215						
City:	Louisville						
State/Country:	KENTUCKY						
Postal Code:	40202						
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>12852763</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12852763		
Property Type	Number						
Application Number:	12852763						
CORRESPONDENCE DATA							
Fax Number:	8667472595						
Phone:	513-457-4510						
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>							
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ATTORNEY DOCKET NUMBER:	1031.0005-US						
NAME OF SUBMITTER:	Harry J. Guttman						
<p>Total Attachments: 3 source=1031_0005US_09058 US executed assignment Hammond Xu#page1.tif source=1031_0005US_09058 US executed assignment Hammond Xu#page2.tif source=1031_0005US_09058 US executed assignment Hammond Xu#page3.tif</p>							

OP \$40.00 12852763

PATENT ASSIGNMENT

For one dollar and other good and valuable consideration, the receipt, sufficiency, and adequacy of which is hereby acknowledged, the undersigned inventor or inventors (hereinafter called "ASSIGNOR") hereby assigns, transfers, and sets over to:

Name: University of Louisville Research Foundation, Inc.

Incorporated in the state of: Kentucky

Address: MedCenter Three, 201 E. Jefferson, St., Suite 215, Louisville, KY 40202

(hereinafter called "ASSIGNEE") and its successors and assigns, the entire worldwide right, title, and interest in and to the application

entitled: "METHODS OF SYNTHESIS AND PURIFICATION BY USE OF A SOLID SUPPORT"

for which a United States Patent Application having Attorney Docket No. 1031.0005-US was filed on August 9, 2010, and assigned U.S. Application Serial No. 12/852,763,

all inventions disclosed therein, any improvements thereon, and all rights and privileges under any Letters Patent which may be issued or reissued thereon or upon any additional, continuing, or divisional applications thereof in the United States or any other national jurisdiction, regional jurisdiction, and/or international patent issuing authority/organization, including all rights, if any, to sue for past infringement.

(1) ASSIGNOR agrees, without charge to said ASSIGNEE, but at ASSIGNEE's expense (a) to execute (i) all necessary papers (such as, but not limited to, declarations and disclaimers) to be used in connection with this application and any continuing and divisional applications, and any reexamination and reissue proceedings, as the ASSIGNEE or its successors and assigns may deem necessary or expedient, (ii) all papers in connection with any interference or other legal or quasi-legal proceedings relating to this application or any additional, continuing, or divisional application thereof as well as any corresponding application in a non-US national jurisdiction, regional jurisdiction, and/or international patent issuing authority/organization; (b) to cooperate with ASSIGNEE and its successors and assigns in every way possible in obtaining evidence (such as, but not limited to, performing experiments and providing facts and documents) and going forward in any such proceedings (at no expense to ASSIGNOR); and (c) to perform all other affirmative acts which may be necessary or desirable to obtain a grant of a patent for said invention.

(2) ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States to issue any and all Letters Patent that may be granted upon the above-identified patent application or any additional, continuing or divisional

applications thereof to the ASSIGNEE or its successors and assigns.

(3) ASSIGNOR hereby authorizes the ASSIGNEE, its successors and assigns, to file in its own name, applications for patents under the patent laws of any country of the world in connection with the inventions hereby transferred, under the International Convention claiming the priority of the U.S. application or otherwise, and to secure in its own name the patent or patents issued thereon.

(4) ASSIGNOR covenants and warrants that he/she has full right to convey the entire right, title and interest by this instrument, free of any encumbrances and that no other agreement has been or will be executed in conflict herewith.

(5) ASSIGNOR hereby grants to the law firm of STIPKALA LLC of North Charleston, SC (with offices in Minnesota, Ohio, and Texas), authority and power to insert on this instrument any further identification which may be necessary or desirable for purposes of recordation in the United States Patent and Trademark Office or a Patent Office of any non-US national jurisdiction, regional jurisdiction, and/or international patent issuing authority/organization.

(6) ASSIGNOR and ASSIGNEE agree that this assignment shall fulfill the purposes of a Deed of Assignment in jurisdictions requiring same.

ASSIGNOR evidences agreement to the foregoing by execution as follows:

Signature of First Inventor: [Signature]

Date: 7/9/12

Printed Name of First Inventor: Gerald B. Hammond

Address of First Inventor: ~~1113 Rostrevor Circle, Louisville, KY 40205~~

172 Hebron Rd
~~Louisville~~
Shelbyville, KY
40065

On this 9 day of July, 2012, before me, a Notary Public in

and for the County of Jefferson and State of Kentucky, personally appeared the above-named Inventors, personally known to me, and acknowledged the execution of the foregoing assignment as his/her free act and deed for the purpose herein set forth.

Signature of Notary: [Signature]

Printed Name of Notary: Eric M. Castle

My Commission expires on: 2/3/2014

[Seal]

Signature of Second Inventor: [Signature]

Date: 7/9/12

Printed Name of Second Inventor: Bo Xu

Address of Second Inventor: ~~779 Theodore Burnett Court, Apt. 4, Louisville, KY 40217~~

2203 James Guthrie Ct. Apt 3
(BX)

On this 9 day of July, 2012, before me, a Notary Public in

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Signature of Notary: [Signature]

Printed Name of Notary: Eric M. Castle

My Commission expires on: 2/3/2014

[Seal]