

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6656507

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ZIA ABDULLAH	05/13/2014
MICHAEL L. DICKENS	05/19/2014
MICAH P. MCCREERY	05/12/2014
RANDY L. JONES	05/12/2014
JON-DAVID S. SEARS	05/19/2014
ERIN S. SCHULTZ	05/13/2014
STEPHANIE ANN SMITH	05/24/2014
PAUL E. GEORGE II	05/16/2014
ELVIN R. BEACH III	05/21/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BATTELLE MEMORIAL INSTITUTE
<b>Street Address:</b>	505 KING AVENUE
<b>City:</b>	COLUMBUS
<b>State/Country:</b>	OHIO
<b>Postal Code:</b>	43201
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	17230387
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(216)363-4588
<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>	216-363-4500
<b>Email:</b>	Patent@beneschlaw.com
<b>Correspondent Name:</b>	BENESCH FRIEDLANDER COPLAN & ARONOFF LLP
<b>Address Line 1:</b>	200 PUBLIC SQUARE
<b>Address Line 2:</b>	SUITE 2300
<b>Address Line 4:</b>	CLEVELAND, OHIO 44114
<b>ATTORNEY DOCKET NUMBER:</b>	36314-198
<b>NAME OF SUBMITTER:</b>	ELIZABETH KOHN

PATENT

<b>SIGNATURE:</b>	/Elizabeth Kohn/
<b>DATE SIGNED:</b>	04/14/2021
<b>Total Attachments: 10</b> source=36314-198 Assignment#page1.tif source=36314-198 Assignment#page2.tif source=36314-198 Assignment#page3.tif source=36314-198 Assignment#page4.tif source=36314-198 Assignment#page5.tif source=36314-198 Assignment#page6.tif source=36314-198 Assignment#page7.tif source=36314-198 Assignment#page8.tif source=36314-198 Assignment#page9.tif source=36314-198 Assignment#page10.tif	

## ASSIGNMENT

Zia Abdullah  
Michael L. Dickens  
Micah P. McCreery  
Randy L. Jones  
Elvin R. Beach, III  
Jon-David S. Sears  
Erin S. Schultz  
Stephanie Ann Smith  
Paul E. George, II  
to  
Battelle Memorial Institute

WHEREAS we, Zia Abdullah, of Bexley and State of Ohio; Michael L. Dickens, of Westerville and State of Ohio; Micah P. McCreery, of Baltimore and State of Ohio; Randy L. Jones, of Delaware and State of Ohio; Elvin R. Beach, III, of Worthington and State of Ohio; Jon-David S. Sears, of Columbus and State of Ohio; Erin S. Schultz, of Dublin and State of Ohio; Stephanie Ann Smith, of Columbus and State of Ohio; and Paul E. George, II, of Powell and State of Ohio have made certain inventions in Stacked Membrane Bioreactor, the specification of which was filed on December 19, 2012 as application serial no. PCT/US12/070686; and

WHEREAS, Battelle Memorial Institute, a corporation of Ohio, having a place of business at 505 King Avenue, Columbus, Ohio, herein called "ASSIGNEE", is desirous of acquiring our entire right, title, and interest in said invention and application therefor, and in any patent or patents to be obtained therefor;

NOW, THEREFORE, To All Whom It May Concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto the said Assignee, our entire right, title, and interest in and to the invention shown, described, or claimed therein, and the full and exclusive right and title to the said application executed by us, preparatory to obtaining Letters Patent of the United States therefor; and in and to any extensions, reissues, divisions, or renewals thereof; and we do hereby authorize and request the Commissioner of Patents or other proper Officer, to issue such Letters Patent, or any of them, to the said Assignee, as the assignee of our entire right, title, and interest in and to the same for the sole use and behoof of the said Assignee, and its successors or assigns.

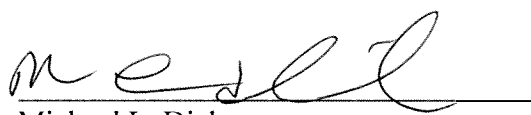
And we further covenant and agree that we will, at the request and expense of the said Assignee, execute such other and further assurances of title as may be necessary or proper to fully convey the interest herein sought to be conveyed; that we will, at the request and expense of the said Assignee, execute such application papers as may be desired by the said Assignee for the filing of any division or renewal of the application herein conveyed, or for the reissues or extensions of any Letters Patent that may be granted upon said application, and will execute such Supplemental Oaths and Preliminary Statements, or other papers as desired by the said Assignee.



ASSIGNMENT

Zia Abdullah  
Michael L. Dickens  
Micah P. McCreery  
Randy L. Jones  
Elvin R. Beach, III  
Jon-David S. Sears  
Erin S. Schultz  
Stephanie Ann Smith  
Paul E. George, II  
to  
Battelle Memorial Institute

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Columbus, Ohio  
this 19 day of May, 2014.

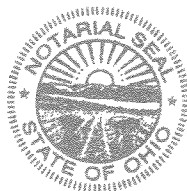
  
Michael L. Dickens

STATE OF OHIO                    )  
  :SS  
COUNTY OF FRANKLIN        )

This 19<sup>th</sup> day of May, 2014, before me, a Notary Public in and for the County  
aforesaid, personally appeared Michael L. Dickens, personally known to me and known to be the  
person described in and who executed the foregoing assignment and acknowledged the same to be  
his voluntary act and deed, and that he executed the same for the uses and purposes therein set  
forth.

  
Notary Public

(SEAL)

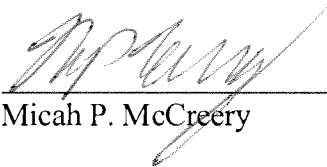


Theresa M. Lombardi  
Notary Public, State of Ohio  
My Commission Expires 01-13-2016

ASSIGNMENT

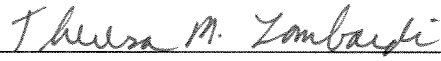
Zia Abdullah  
Michael L. Dickens  
Micah P. McCreery  
Randy L. Jones  
Elvin R. Beach, III  
Jon-David S. Sears  
Erin S. Schultz  
Stephanie Ann Smith  
Paul E. George, II  
to  
Battelle Memorial Institute

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Columbus, Ohio  
this 12<sup>th</sup> day of May, 2014.

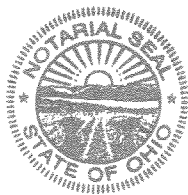
  
\_\_\_\_\_  
Micah P. McCreery

STATE OF OHIO                    )  
  :SS  
COUNTY OF FRANKLIN        )

This 12<sup>th</sup> day of May, 2014, before me, a Notary Public in and for the County  
aforesaid, personally appeared Micah P. McCreery, personally known to me and known to be the  
person described in and who executed the foregoing assignment and acknowledged the same to be  
his voluntary act and deed, and that he executed the same for the uses and purposes therein set  
forth.

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

(SEAL)



Theresa M. Lombardi  
Notary Public, State of Ohio  
My Commission Expires 01-13-2016





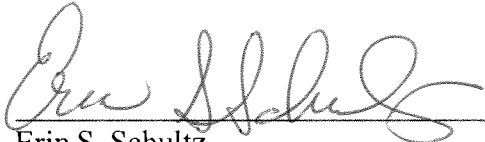




ASSIGNMENT

Zia Abdullah  
Michael L. Dickens  
Micah P. McCreery  
Randy L. Jones  
Elvin R. Beach, III  
Jon-David S. Sears  
Erin S. Schultz  
Stephanie Ann Smith  
Paul E. George, II  
to  
Battelle Memorial Institute

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Columbus, Ohio  
this 13<sup>th</sup> day of May, 2014.

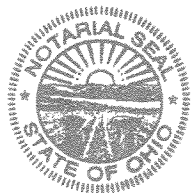
  
Erin S. Schultz

STATE OF OHIO                    )  
  :SS  
COUNTY OF FRANKLIN        )

This 13<sup>th</sup> day of May, 2014, before me, a Notary Public in and for the County  
aforesaid, personally appeared Erin S. Schultz, personally known to me and known to be the  
person described in and who executed the foregoing assignment and acknowledged the same to be  
his voluntary act and deed, and that he executed the same for the uses and purposes therein set  
forth.

  
Notary Public

(SEAL)




Theresa M. Lombardi  
Notary Public, State of Ohio  
My Commission Expires 01-13-2016

ASSIGNMENT

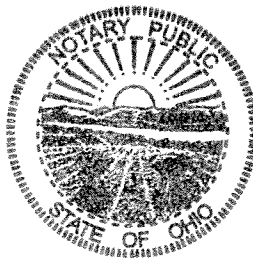
Zia Abdullah  
Michael L. Dickens  
Micah P. McCreery  
Randy L. Jones  
Elvin R. Beach, III  
Jon-David S. Sears  
Erin S. Schultz  
Stephanie Ann Smith  
Paul E. George, II  
to  
Battelle Memorial Institute

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at  
Columbus (City), Ohio (State) this 24<sup>th</sup> day of May, 2014.

  
Stephanie Ann Smith

STATE OF Ohio )  
:SS  
COUNTY OF Franklin

This 24<sup>th</sup> day of May, 2014, before me, a Notary Public in and for the County  
aforesaid, personally appeared Stephanie Ann Smith, personally known to me and known to be the  
person described in and who executed the foregoing assignment and acknowledged the same to be  
his voluntary act and deed, and that he executed the same for the uses and purposes therein set  
forth.



(SEAL)

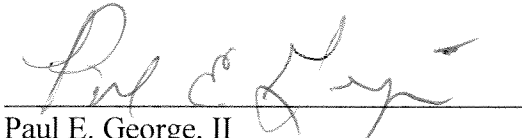
**PADMA CHARI**  
Notary Public, State of Ohio  
My Commission Expires  
April 16, 2016

  
Notary Public

ASSIGNMENT

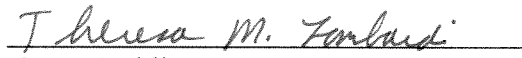
Zia Abdullah  
Michael L. Dickens  
Micah P. McCreery  
Randy L. Jones  
Elvin R. Beach, III  
Jon-David S. Sears  
Erin S. Schultz  
Stephanie Ann Smith  
Paul E. George, II  
to  
Battelle Memorial Institute

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Columbus, Ohio  
this 16<sup>th</sup> day of May, 2014.

  
Paul E. George, II

STATE OF OHIO                    )  
  :SS  
COUNTY OF FRANKLIN        )

This 16<sup>th</sup> day of May, 2014, before me, a Notary Public in and for the County  
aforesaid, personally appeared Paul E. George, II, personally known to me and known to be the  
person described in and who executed the foregoing assignment and acknowledged the same to be  
his voluntary act and deed, and that he executed the same for the uses and purposes therein set  
forth.

  
Notary Public

(SEAL)



Theresa M. Lombardi  
Notary Public, State of Ohio  
My Commission Expires 01-13-2016