Form PTO-1595 (Rev. 08/05) Doc Code: 1-25409 U.S. DEPARTMENT OF COMMERCE OMB No. 0651-0027 (exp. 6/30/2008) United States Patent and Trademark Office RECORDATION FORM COVER SHEET PATENTS ONLY To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 2. Name and address of receiving party(ies) Name of conveying party(ies) Jay R. Sayre Bhima R. Vijayendran Name: Battelle Memorial Institute Megan E. Sesslar James L. White Internal Address: John R. Stickel Mark C. Stasik Additional name(s) of conveying party(les) attached? 🗀 Yes 🛛 No Street Address: 505 King Avenue 3. Nature of conveyance/Execution Date(s): Execution Date(s) 11/13/07, 11/19/07 & 11/28/07 □ Merger XI. Assignment City: Columbus Security Agreement Change of Name State: Ohio Joint Research Agreement Country: USA Zip: <u>43201</u> Government Interest Assignment Executive Order 9424, Confirmatory License Other Additional name(s) & address(es) attached? 
Yes No ☐ This document is being filed together with a new application. 4. Application or patent number(s): A. Patent Application No.(s) B. Patent No.(s) 11/667,781 filed May 15, 2007 Additional numbers attached? Tyes 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: Name: Gary M. Sutter 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40 ☐ Authorized to be charged by credit card Internal Address: Authorized to be charged to deposit account MacMillan, Sobanski & Todd, LLC Enclosed Street Address: 720 Water Street ■ None required (government interest not affecting title) One Maritime Plaza, Fifth Floor 8. Payment Information City: Toledo a. Credit Card Last 4 Numbers State: Ohio Zip: 43604 **Expiration Date** Phone Number: 419-255-5900 b. Deposit Account Number 13-0005 Fax Number: 41-255-9639

Documents to be recorded (Including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

Signature

PATENT REEL: 020180 FRAME: 0972

Authorized User Name MacMillan Sobanski Todd

Total number of pages including

COVER

November 29, 2007

Date

Email Address:

9, Signature:

sutter@mstfirm.com

Gary M. Sutter

Name of Person Signing

14244US

Jay R. Sayre
Megan E. Sesslar
James L. White
John R. Stickel
Mark C. Stasik
Bhima R. Vijayendran
to
Battelle Memorial Institute

WHEREAS we, Jay R. Sayre, of Gahanna, in the County of Franklin, and State of Ohio, Megan E. Sesslar, of Hilliard, in the County of Franklin, and State of Ohio, James L. White, of Columbus, in the County of Franklin, and State of Ohio, John R. Stickel, of London, in the County of Madison, and State of Ohio, Mark C. Stasik, of Columbus, in the County of Franklin, and State of Ohio, and Bhima R. Vijayendran, of Dublin, in the County of Franklin, and State of Ohio have made certain inventions in SOLUTION BASED ENHANCEMENTS OF FUEL CELL COMPONENTS AND OTHER ELECTROCHEMICAL SYSTEMS AND DEVICES, for which an International Application designating the United States was filed on 16 November 2005 and was allocated International Application No. PCT/US05/04157; and for which we have executed an application for Letters Patent of the United States filed on 15 May 2007 and allocated Serial No. 11/667,781, 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.

And we further assign unto the said Assignee our whole right, title, and interest to the invention disclosed in the application throughout all countries foreign to the United States, and do hereby authorize the said Assignee to apply for patents therefor in its own name in countries where such procedure is proper and to claim the benefit of the International Convention and do agree to execute applications for the said invention in the several countries where it is necessary that the same be executed by the inventors, and to execute assignments of such applications and the patents to be obtained therefor to the said assignee, as well as all other necessary papers.

Page 1 of 7

PATENT REEL: 020180 FRAME: 0973

14244US

Jay R. Sayre
Megan E. Sesslar
James L. White
John R. Stickel
Mark C. Stasik
Bhima R. Vijayendran
to
Battelle Memorial Institute

STATE OF OHIO

) :ss )

COUNTY OF FRANKLIN

This Asymptotically day of Months 2007 before me, a Notary Public in and for the County aforesaid, personally appeared Jay R. Sayre, 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

Jay R. Bayre Lux

SHIRLEY F. RUSSELL Notary Public, State of Onlo My Commission Expires 98-29-10

14244US

Jay R. Sayre Megan E. Sesslar James L. White John R. Stickel Mark C. Stasik Bhima R. Vijayendran to Battelle Memorial Institute

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Columbus, Ohio this 13 day of Ninember, 2007.

Megan E. Sesslar

STATE OF OHIO ) :ss

COUNTY OF FRANKLIN )

This 13 day of 700., 2007, before me, a Notary Public in and for the County aforesaid, personally appeared Megan E. Sesslar, 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

BRENDA BLOCK KOONE NOTARY PUBLIC, STATE OF ONIO MY COMMISSION EXPIRES MAY 18, 2008

Block Koone

14244US

Jay R. Sayre Megan E. Sesslar James L. White John R. Stickel Mark C. Stasik Bhima R. Vijayendran to Battelle Memorial Institute

James L. White

STATE OF OHIO

:SS

COUNTY OF FRANKLIN

This 19th day of 100 more and personally appeared James L. White, 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

Lisa L Kibby Notary Public, State of Chio My Commission Expires April 22, 2012

Page 4 of 7

PATENT REEL: 020180 FRAME: 0976

14244US

Jay R. Sayre
Megan E. Sesslar
James L. White
John R. Stickel
Mark C. Stasik
Bhima R. Vijayendran
to
Battelle Memorial Institute

IN TESTIMONY WHEREOF I h	ave hereunto set my hand and affixed my seal at Columbus, Ohio this . 2007.
	out the
	John R. Stickel
STATE OF OHIO	)
COUNTY OF FRANKLIN	:ss )
This 13 day of 700. personally appeared John R. Stick	_, 2007, before me, a Notary Public in and for the County aforesaid, el, 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

BRENDA BLOCK KOONE NOTARY PUBLIC, STATE OF OHIO MY COMMISSION EXPIRES MAY 18, 2008

14244US

Jay R. Sayre Megan E. Sesslar James L. White John R. Stickel Mark C. Stasik Bhima R. Vijayendran Battelle Memorial Institute

\_\_ day of \_\_

STATE OF OHIO ) :\$8

COUNTY OF FRANKLIN

This 13th day of 700., 2007, before me, a Notary Public in and for the County aforesaid, personally appeared Mark C. Stasik, 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

BRENDA BLOCK KOONE NOTARY PUBLIC, STATE OF ORIO MY COMMISSION EXPIRES MAY 18, 2008

Block Koone

14244US

Jay R. Sayre
Megan E. Sesslar
James L. White
John R. Stickel
Mark C. Stasik
Bhima R. Vijayendran
to
Battelle Memorial Institute

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Columbus, Ohio this 28 day of \_\_\_\_\_\_\_, 2007.

Bhima R. Vijayendran

STATE OF OHIO

COUNTY OF FRANKLIN )

)

This <u>Zg<sup>H</sup></u> day of <u>You</u>., 2007, before me, a Notary Public in and for the County aforesaid, personally appeared Bhima R. Vijayendran, 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

RIAL SE

BRENDA BLOCK KOONE NOTARY PUBLIC, STATE OF OHRO MY COMMISSION EXPIRES WAY 18, 2008 NOV. 29. 2007 3:14PM MACMILLAN SOBANSKI 4192559639 TO:USPTO ASSIGNMENT BR NO. 0852 P.

#### LAW OFFICES OF

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November 29, 2007

# **FACSIMILE TRANSMISSION**

To: Assignment Recordation Division

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Fax No: 571-273-0140

From: Gary M. Sutter

Fax: 419-255-9639

Our Reference: 1-25409

**Application Number:** 11/667,781 filed May 15, 2007

Comments: Please see the attached Assignment. Thank you for your assistance with

this matter.

Total pages including cover page: 10

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PATENT REEL: 020180 FRAME: 0980

**RECORDED: 11/29/2007**