PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PAUL E. GEORGE II	08/13/2012
VINCENT J. CONTINI	08/17/2012
GREG A. WHYATT	08/13/2012
DOUGLAS A. THORNTON	08/14/2012

RECEIVING PARTY DATA

Name:	BATTELLE MEMORIAL INSTITUTE	
Street Address:	505 KING AVENUE	
City:	COLUMBUS	
State/Country:	OHIO	
Postal Code:	43201	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16284077

CORRESPONDENCE DATA

Fax Number: (419)255-9639

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.

Phone: 4192555900 Email: mst@mstfirm.com

MACMILLAN SOBANSKI & TODD LLC **Correspondent Name:**

Address Line 1: 720 WATER STREET

Address Line 2: ONE MARITIME PLAZA, 5TH FLOOR

Address Line 4: TOLEDO, OHIO 43604

ATTORNEY DOCKET NUMBER:	52447-US-CNT	
NAME OF SUBMITTER: CATHERINE B. MARTINEAU		
SIGNATURE:	/Catherine B. Martineau/	
DATE SIGNED:	02/25/2019	

Total Attachments: 5

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PATENT REEL: 048423 FRAME: 0573 505343921

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> PATENT REEL: 048423 FRAME: 0574

Paul E. George, II
Vincent J. Contini
Greg A. Whyatt
Douglas A. Thornton
to
Battelle Memorial Institute

WHEREAS we, Paul E. George, II, of Powell, and State of Ohio, Vincent J. Contini, of Powell, and State of Ohio, Greg A. Whyatt, of West Richland, and State of Washington, and Douglas A. Thornton, of Columbus, and State of Ohio, have made certain inventions for which Patent Applications, US and International, were filed as follows:

Турс	Application Number	Date Filed	Title
US Provisional	61/392,698	10/13/2010	Fuel Processor System
Application			Configuration for Sulfur-Bearing
<u> </u>		8	Liquid Fuels
PCT International	PCT/US2011/056129	10/13/2011	Fuel Processing System and
Application			Method for Sulfur Bearing Fuels
US National Stage	13/272,865	10/13/2011	Fuel Processing System and
			Method for Sulfur Bearing Fuels

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 Assignce, 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 Assignce, execute such application papers as may be desired by the said Assignce 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 Assignce.

And we further assign unto the said Assignee our whole right, title, and interest to the invention

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Paul E. George, II
Vincent J. Contini
Greg A. Whyatt
Douglas A. Thornton
to
Battelle Memorial Institute

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.

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Columbus, Ohio this ______ day of _Avgust__, 2012.

Paul E. George, II

STATE OF OHIO)

COUNTY OF FRANKLIN)

This $\int_{-3}^{3} f^{-8}$ day of $\int_{-1}^{8} \frac{\sqrt{3}}{\sqrt{3}} f^{-8}$, 2012, 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.

<u> T Assas / M. Zoos Essaq</u> Notary Public

(SEAL)



Paul E. George, II
Vincent J. Contini
Greg A. Whyatt
Douglas A. Thornton
to
Battelle Memorial Institute

Vincent J. Contini

STATE OF OHIO

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COUNTY OF FRANKLIN

This 17th day of A_{1,2,3,5} , 2012, before me, a Notary Public in and for the County aforesaid, personally appeared Vincent J. Contini, 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.

T. Consum M. Zousland

(SEAL)

Therese M. Lomband Hotary Public, State of Chic My Commission Explice 01-13-2016

Paul E. George, II Vincent J. Contini Greg A. Whyatt Douglas A. Thornton

Battelle Memorial Institute

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at \$\int_{\overline{\lambda}\lambda}\lambda_{\overli

STATE OF LLAGRAGE (On)

COUNTY OF TYRA KL.)

This 13 day of Cornel 2012, before me, a Notary Public in and for the County aforesaid, personally appeared Greg A. Whyatt, 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)

Paul E. George, II Vincent J. Contini Greg A. Whyatt Douglas A. Thornton to

Battelle Memorial Institute

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Columbus, Ohio

this 14 day of 4, 2012.

Douglas A. Thornton

STATE OF OHIO

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COUNTY OF FRANKLIN

This $14^{\frac{3}{2}}$ day of $A_{\frac{12}{2}\frac{3}{2}\frac{3}{2}}$, 2012, before me, a Notary Public in and for the County aforesaid, personally appeared Douglas A. Thornton, 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.

TAGENTA // Zeno (Zeno);
Notary Public

(SEAL)

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

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