

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6863391

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SATYA P. CHAUHAN	07/24/2018
DANIEL B. GARBARK	07/24/2018
RECEIVING PARTY DATA	
Name:	BATTELLE MEMORIAL INSTITUTE
Street Address:	505 KING AVENUE
City:	COLUMBUS
State/Country:	OHIO
Postal Code:	43201-2696
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16631106
CORRESPONDENCE DATA	
Fax Number:	(312)360-9315
<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>	
Phone:	3123600080
Email:	rlyons@gbc.law
Correspondent Name:	GREER BURNS & CRAIN LTD.
Address Line 1:	300 SOUTH WACKER DRIVE SUITE 2500
Address Line 2:	SUITE 2500
Address Line 4:	CHICAGO, ILLINOIS 60606
ATTORNEY DOCKET NUMBER:	5188.129139US2
NAME OF SUBMITTER:	PATRICIA L. PRIOR
SIGNATURE:	/Patricia L. Prior/
DATE SIGNED:	08/13/2021
Total Attachments: 4	
source=1909508#page1.tif	
source=1909508#page2.tif	
source=1909508#page3.tif	
source=1909508#page4.tif	

Docket No. 129139/17800

ASSIGNMENT

WHEREAS, the undersigned inventor(s) (hereinafter individually and collectively referred to as "ASSIGNOR") has invented new and useful improvements for which Patent Applications, US and International, were filed as follows:

Type	Application Number	Date Filed	Title
Provisional Application	62/532,801	July 14, 2017	PROCESS OF PRODUCING LIQUID FUELS AND POLYOLS FROM COAL, LIGNIN AND PETROLEUM RESIDUES USING BIOMASS DERIVED SOLVENTS
Provisional Application	62/642,709	March 14, 2018	DIRECT LIQUIFACTION OF COAL OR LIGNIN FOR MARINE FUEL AND OTHER MEDIUM OR LOW SPEED DIESEL ENGINES USING BIOMASS-DERIVED SOLVENTS
PCT Application	PCT/US2018/042019 PCT/US2018/042103	July 13, 2018	LIGNIN TO LIQUID FUELS AND POLYOLS USING BIOMASS DERIVED SOLVENTS
PCT Application	PCT/US2018/42106	July 13, 2018	TRANSFER HYDROGEN OF HEAVY HYDROCARBONS WITH HYDROGEN-DONOR SOLVENTS

AND WHEREAS, the "Assigned Property" shall mean (i) the above-identified United States and International applications for patent (the "Applications"), (ii) all inventions disclosed in the Applications, (iii) any and all applications for patent throughout the world directed to the subject matter of the Applications, (iv) the right of priority arising from the Applications or from such other applications, under the Paris Convention for the Protection of Industrial Property or under relevant laws, treaties, conventions or bilateral and multilateral agreements, in any jurisdiction, (v) any and all patents throughout the world resulting from the Applications or such other application(s) for patents, and (vi) any and all claims against third parties in connection with any of the rights assigned by this Agreement;

AND WHEREAS, Battelle Memorial Institute, a corporation of Ohio, having a place of business at 505 King Avenue, Columbus, Ohio 43201-2696, its successors and assigns (hereinafter individually and collectively referred to as "ASSIGNEE"), is desirous of acquiring ASSIGNOR's entire right, title, and interest in and to and resulting from said Assigned Property and in general all property rights included therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR does hereby irrevocably and unconditionally assign and transfer unto ASSIGNEE ASSIGNOR's entire right, title and interest in and to and resulting from the Assigned Property, and hereby authorizes and requests the Commissioner of Patents to issue said patent to ASSIGNEE for the sole use and benefit of ASSIGNEE; ASSIGNEE hereby accepts such transfer and assignment;

AND ASSIGNOR FURTHERMORE authorizes ASSIGNEE, or anyone it may properly designate, to insert on each page of this instrument (where indicated) the filing date and application number of said Applications when known;

Docket No. 129139/17800

ASSIGNMENT

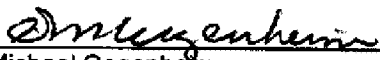
AND ASSIGNOR AGREES, FURTHERMORE, upon request of ASSIGNEE, and without further remuneration, but at no expense to ASSIGNOR, that ASSIGNOR or ASSIGNOR'S heirs, executors, or administrators will provide all reasonable assistance to obtain, maintain, and assert the fullest measure of legal protection that ASSIGNEE desires to obtain or assert for the Assigned Property, including executing any and all papers desired by ASSIGNEE for the filing and granting of patent rights in the Assigned Property, the perfecting of title in ASSIGNEE, and in enforcing any rights in the Assigned Property.

This instrument is executed by, and shall be binding upon ASSIGNOR, and ASSIGNOR's heirs, executors and administrators, for the uses and purposes above set forth and referred to and shall inure to the benefit of ASSIGNEE or anyone it may properly designate.

If any provision of this assignment is held by any court to be unenforceable, such provision shall be interpreted to accomplish the objectives of the original provision to the fullest extent allowed by law and the remainder of this assignment shall remain in full force and effect.

This assignment shall be construed, governed, interpreted and applied in accordance with the laws of the State of Ohio, United States of America.


EXECUTED on behalf of ASSIGNEE and effective as of the latest date of the ASSIGNOR signature(s) below:



C. Michael Gegenheimer
Associate IP Counsel
Battelle Memorial Institute


EXECUTED as of the date(s) set forth below on behalf of the ASSIGNOR:





Satya P. Chauhan

Date: 7-24-18



Daniel B. Garbark

Date: 7-24-18

ASSIGNMENT

WHEREAS, the undersigned inventor(s) (hereinafter individually and collectively referred to as "ASSIGNOR") has invented new and useful improvements for which Patent Applications, US and International, were filed as follows:

Type	Application Number	Date Filed	Title
Provisional Application	62/532,801	July 14, 2017	PROCESS OF PRODUCING LIQUID FUELS AND POLYOLS FROM COAL, LIGNIN AND PETROLEUM RESIDUES USING BIOMASS DERIVED SOLVENTS
Provisional Application	62/642,709	March 14, 2018	DIRECT LIQUIFACTION OF COAL OR LIGNIN FOR MARINE FUEL AND OTHER MEDIUM OR LOW SPEED DIESEL ENGINES USING BIOMASS-DERIVED SOLVENTS
4-20-18 PCT Application	PCT/US2018/042013 PCT/US2018/042103	July 13, 2018	LIGNIN TO LIQUID FUELS AND POLYOLS USING BIOMASS DERIVED SOLVENTS
PCT Application	PCT/US2018/42106	July 13, 2018	TRANSFER HYDROGEN OF HEAVY HYDROCARBONS WITH HYDROGEN-DONOR SOLVENTS

AND WHEREAS, the "Assigned Property" shall mean (i) the above-identified United States and International applications for patent (the "Applications"), (ii) all inventions disclosed in the Applications, (iii) any and all applications for patent throughout the world directed to the subject matter of the Applications, (iv) the right of priority arising from the Applications or from such other applications, under the Paris Convention for the Protection of Industrial Property or under relevant laws, treaties, conventions or bilateral and multilateral agreements, in any jurisdiction, (v) any and all patents throughout the world resulting from the Applications or such other application(s) for patents, and (vi) any and all claims against third parties in connection with any of the rights assigned by this Agreement;

AND WHEREAS, Battelle Memorial Institute, a corporation of Ohio, having a place of business at 505 King Avenue, Columbus, Ohio 43201-2696, its successors and assigns (hereinafter individually and collectively referred to as "ASSIGNEE"), is desirous of acquiring ASSIGNOR's entire right, title, and interest in and to and resulting from said Assigned Property and in general all property rights included therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR does hereby irrevocably and unconditionally assign and transfer unto ASSIGNEE ASSIGNOR's entire right, title and interest in and to and resulting from the Assigned Property, and hereby authorizes and requests the Commissioner of Patents to issue said patent to ASSIGNEE for the sole use and benefit of ASSIGNEE; ASSIGNEE hereby accepts such transfer and assignment;

AND ASSIGNOR FURTHERMORE authorizes ASSIGNEE, or anyone it may properly designate, to insert on each page of this instrument (where indicated) the filing date and application number of said Applications when known;

ASSIGNMENT


AND ASSIGNOR AGREES, FURTHERMORE, upon request of ASSIGNEE, and without further remuneration, but at no expense to ASSIGNOR, that ASSIGNOR or ASSIGNOR'S heirs, executors, or administrators will provide all reasonable assistance to obtain, maintain, and assert the fullest measure of legal protection that ASSIGNEE desires to obtain or assert for the Assigned Property, including executing any and all papers desired by ASSIGNEE for the filing and granting of patent rights in the Assigned Property, the perfecting of title in ASSIGNEE, and in enforcing any rights in the Assigned Property.

This instrument is executed by, and shall be binding upon ASSIGNOR, and ASSIGNOR's heirs, executors and administrators, for the uses and purposes above set forth and referred to and shall inure to the benefit of ASSIGNEE or anyone it may properly designate.

If any provision of this assignment is held by any court to be unenforceable, such provision shall be interpreted to accomplish the objectives of the original provision to the fullest extent allowed by law and the remainder of this assignment shall remain in full force and effect.

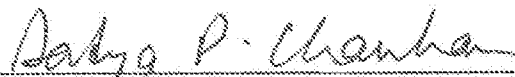
This assignment shall be construed, governed, interpreted and applied in accordance with the laws of the State of Ohio, United States of America.

EXECUTED on behalf of ASSIGNEE and effective as of the latest date of the ASSIGNOR signature(s) below.




C. Michael Gegenheimer
Associate IP Counsel
Battelle Memorial Institute

EXECUTED as of the date(s) set forth below on behalf of the ASSIGNOR:



Satya P. Chauhan

Date: 7-24-18



Daniel B. Garbark

Date: 7-24-18