507695099 01/13/2023 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7742243

SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	
CONVEYING PARTY	DATA		
		Name	Execution Date
Ravi Chandran			08/26/2016
Daniel A. Burciaga			08/26/2016
Daniel Michael Leo			08/26/2016
Shawn Robert Freitas			08/26/2016
Dave G. Newport			08/26/2016
Justin Kevin Miller			08/26/2016
Kaitlin Emily Harrington			08/26/2016
Brian Christopher Attwood			08/26/2016
EMILY JANE SCHULTHEIS			08/26/2016
KELLY ANN KISHTON			08/26/2016
RECEIVING PARTY I Name:			AL, INC.
Street Address:	3700 k	OPPERS STREET	·
City:	BALTI	MORE	
State/Country:	MARY	LAND	
Postal Code:	21227	21227	
	RS Total: 1	l	
PROPERTY NUMBE			7
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	be	Number 17850838	
Application Number)e :		
Property Typ Application Number CORRESPONDENCE)e :	17850838	
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Property Typ Application Number CORRESPONDENCE Fax Number: <i>Correspondence wil</i>	e : E DATA I be sent to	17850838 (877)769-7945 o the e-mail address first; if that is un d; if that is unsuccessful, it will be se +1 (617) 956-5921	
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Email:apsi@fr.com, nienaber@fr.comCorrespondent Name:HELEN S. BACAAddress Line 1:FISH & RICHARDSON P.C.Address Line 2:P.O.BOX 1022Address Line 4:MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER: 47565-0011003

PATENT REEL: 062373 FRAME: 0176

507695099

NAME OF SUBMITTER:	SUSAN M. NIENABER		
SIGNATURE:	/SUSAN M. NIENABER/		
DATE SIGNED:	01/13/2023		
Total Attachments: 5 source=47565-0011003 Assignment#page1.tif source=47565-0011003 Assignment#page2.tif source=47565-0011003 Assignment#page3.tif source=47565-0011003 Assignment#page4.tif source=47565-0011003 Assignment#page5.tif			

Attorney Docket No. T127 1200US.1 Page 1 of 5

ASSIGNMENT

WHEREAS, as a below named inventor, I, ASSIGNOR, am the original, first and sole (if only one inventor is named) or joint (if more than one inventor is named) inventor, of the invention entitled:

Method of Producing Product Gas From Multiple Carbonaceous Feedstock Streams Mixed With a Reduced-Pressure Mixing Gas

which is:

is attached hereto;

identified as WCSR Docket No. T127 1200US.1

was filed on _____as United States Application Serial No._____.

was filed on ______ as PCT International Application No. and ______ designated the United States.

WHEREAS, <u>Thermochem Recovery International, Inc.</u>, having a business address at 3700 Koppers Street, Baltimore, MD 21227, ASSIGNEE, is desirous of obtaining the entire right, title and interest in, to and under the said invention and said application in the United States;

NOW, THEREFORE, in consideration of good and valuable consideration, Assignor has sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the ASSIGNEE, his successors, legal representatives and assigns, the entire right, title and interest in, to and under said invention and the United States application and all divisionals, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND ASSIGNOR HEREBY authorizes and requests the Commissioner of Patents and Trademarks of the United States and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue said application to the said ASSIGNEE, his successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR HEREBY covenants and agrees that it has full right to convey the entire interest herein assigned, and that Assignor has not executed, and will not execute, any agreement in conflict herewith.

WCSR 36949250v1

PATENT REEL: 062373 FRAME: 0178

Attorney Docket No. T127 1200US.1 Page 2 of 5

AND ASSIGNOR HEREBY further covenants and agrees that it will communicate to the said ASSIGNEE, his successors, legal representatives and assigns, any facts known to it respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, his successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN WITNESS WHEREOF, the undersigned inventor has affixed his signature.

08/26/2016

Date

Name: Ravi CHANDRAN Residence Address: Ellicott City, MD 21042 Post Office Address: 3700 Koppers Street, Baltimore, Maryland 21227 (US) Citizenshin: US

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2.

Name: Daniel A. BURCIAGA Date Residence Address: Manchester, MD 21102 Post Office Address: 3700 Koppers Street, Baltimore, Maryland 21227 (US)

Citizenship: US

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Date

Attorney Docket No. T127 1200US.1 Page 3 of 5

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08/26/2016

Date

Name: Daniel Michael LEO Residence Address: Baltimore, MD 21202 Post Office Address: 3700 Koppers Street, Baltimore, Maryland 21227 (US) Citizenship: US

Witne Witness

Name: Shawn Robert FREITAS Date Residence Address: Corvallis, OR 977330 Post Office Address: 3700 Koppers Street, Baltimore, Maryland 21227 (US) Citizenship: US

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Name: Dave G. NEWPORT Residence Address: Cumberland, ME 04021

Post Office Address: 3700 Koppers Street, Baltimore, Maryland 21227 (US) Citizenship: US

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Attorney Docket No. T127 1200US.1 Page 4 of 5

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08/26/2016

Name: Justin Kevin MILLER Date Residence Address: Durham, NC 27705 Post Office Address: 3700 Koppers Street, Baltimore, Maryland 21227 (US) Citizenship: US

Witness Witness

Name: Kaitlin Emily HARRINGTON Date Residence Address: Hillsborough, NC 27278 Post Office Address: 3700 Koppers Street, Baltimore, Maryland 21227 (US) Citizenship: US

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Name: Brian Christopher ATTWOOD Date Residence Address: Cary, NC 27518 Post Office Address: 3700 Koppers Street, Baltimore, Maryland 21227 (US) Citizenship: US

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Attorney Docket No. T127 1200US.1 Page 5 of 5

9.

08/26/2016

Date

Name: Emily Jane SCHULTHEIS Residence Address: Glenwood, MD 21738 Post Office Address: 3700 Koppers Street, Baltimore, Maryland 21227 (US) Citizen/ship: US

Witness Witness

08/26/2016

Date

08/26/2016

Date

10. Kelly-ann Kishton

08/26/2016

Date

Name: Relly Ann KISHTON Residence Address: Columbia, MD 21044 Post Office Address: 3700 Koppers Street, Baltimore, Maryland 21227 (US) Citizenship: US

Witness Witness

08/26/2016

Date

08/26/2016

Date

WCSR 36949250v1

RECORDED: 01/13/2023