07/16/2019 505573282

PATENT ASSIGNMENT COVER SHEET

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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 DATA

Name:	THERMOCHEM RECOVERY INTERNATIONAL, INC.
Street Address:	3700 KOPPERS STREET
City:	BALTIMORE
State/Country:	MARYLAND
Postal Code:	21227

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16512750

CORRESPONDENCE DATA

Fax Number: (703)918-2262

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.

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ATTORNEY DOCKET NUMBER: T127 1200US.C1

> **PATENT REEL: 049764 FRAME: 0070**

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NAME OF SUBMITTER: NANDA K. ALAPATI	
SIGNATURE: /nanda k alapati/	
DATE SIGNED: 07/16/2019	
Total Attachments: 5	
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PATENT REEL: 049764 FRAME: 0071

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

	7 (A)	
\boxtimes	is attached hereto;	
\boxtimes	identified as WCSR Docket No	. T127 1200US.1
	was filed on	as United States Application Serial No
	was filed ondesignated the United States.	as PCT International Application No. and

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 applications and the right to claim for same the priority rights derived from said United States 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 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

which is:

PATENT REEL: 049764 FRAME: 0072 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.

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RECORDED: 07/16/2019