PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALAN M. NEVES	07/10/2008

RECEIVING PARTY DATA

Name:	GRANITE ENERGY, INC.	
Street Address:	307 WEST 200 SOUTH	
Internal Address:	SUITE 3006	
City:	SALT LAKE CITY	
State/Country:	UTAH	
Postal Code:	84101	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15173964

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	3498-2-1-4
NAME OF SUBMITTER:	WARREN M. PATE
SIGNATURE:	/Warren M Pate/
DATE SIGNED:	06/22/2017

Total Attachments: 3

source=3498-2-1-4 DOC-080710 Assignment (Neves)#page1.tif source=3498-2-1-4 DOC-080710 Assignment (Neves)#page2.tif source=3498-2-1-4 DOC-080710 Assignment (Neves)#page3.tif

PATENT 504427441 REEL: 042791 FRAME: 0566

Docket No. 3542-2-1

ASSIGNMENT

WHEREAS I am an inventor of the invention corresponding to the below-identified title.

7	illa
	Parallel Path, Downdraft Gasifier Apparatus and Method

WHEREAS preferred embodiments of the invention are disclosed in a U.S. patent application corresponding to the above-identified docket number in the files of PATE PIERCE & BAIRD, P.C. (CUSTOMER NO. 28,049) and filed in the U.S. Patent and Trademark Office as listed below. (If not listed below at execution of this Assignment, I hereby authorize the attorneys of PATE PIERCE & BAIRD, P.C. to insert the application serial number and filing date of the patent application corresponding to the invention when known.)

Application Number	Filing Date (MM-DD-YYY))
12/170,421	07-09-2008

WHEREAS Assignee, identified below, desires to secure the entire right, title and interest in the invention.

Assignee None	Entity Type (Corporation, Individual, etc.)	State of Formutian (If Applicable)
Granite Energy, Inc.	Corporation	Kitah
Address of Assignee's Principal Place of Business		
307 West 200 South, Suite 3006, Salt Lake City, UT 84101		

THEREFORE, in consideration of \$1.00 and other good and valuable consideration paid to me by Assignee, the receipt and sufficiency of which I hereby acknowledge, I HEREBY ASSIGN TO ASSIGNEE:

The entire right, title, and interest in the invention, in the above-identified United States patent application and in all divisions, continuations, and continuations-in-part thereof, all previously filed provisional applications for which the above-identified application seeks the benefit of an earlier filing date under 35 U.S.C. § 119, all reissues or extensions of Letters Patent or Patents granted on the above-identified application, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing thereon in the United States and foreign countries.

The right to file foreign patent applications on the invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

I hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on the invention to Assignee as the owner of the entire interest, for the sole use and benefit of Assignee, its successors, assigns, and legal representatives.

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Docket No. 3542-2-1

I hereby agree, without further consideration and without expense to me, to sign all lawful papers and to perform all other lawful acts which Assignce may request of me to make this Assignment fully effective, including, by way of example and not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on the invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of my ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving the invention,

This assignment and agreement shall be binding upon my heirs and legal representatives.

Inventor Name	Inventor Signature	Date of Signature (MM-DD-YYYY)
Alan M. Neves	alan 201. Moura	7-10-08
Inventor Address		And with the court and the cou
1.5	596 24th Street, Ogden, Utah 84401	
Notary Name	Notary State	Notary County
On this		

Docket No. 3542-2-1

Inventor Name	Inventor Signature	Date of Signature (MM-DD-YYYY)
Grover R. Brockbank		
Inventor Address		
2245 Sou	th 1640 West, Woods Cross, Utah 840	087
Notary Name	Notary State	Notary County
On this day of appeared the above-identified inventor, periodence to be the person whose name is WITNESS my hand and official seal.	ersonally known to me or proved to m	e on the basis of satisfactory

Inventor Name	Inventor Signature	Date of Signature (MM-DD-YYYY)
Morris K. Ebeling, Jr.		, ,
Inventor Address		
1973 East Reg	gal Stream Cove, Salt Lake City, Utah	ı 84121
Notary Name	Notary State	Notary County
On this day of appeared the above-identified inventor, po evidence to be the person whose name is s WITNESS my hand and official seal.	ersonally known to me or proved to m	ore me, a notary public, personally are on the basis of satisfactory nowledged he executed the same.

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PATENT REEL: 042791 FRAME: 0569