

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT2919664

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ROBERT DUENCKEL	04/03/2014
MARK CONNER	04/03/2014
CHAD CANNAN	04/03/2014
DANIEL CADY	04/28/2014
JOSHUA LEASURE	05/07/2014
THU LIENG	06/20/2014
TODD ROPER	04/09/2014
PETER A. READ	04/09/2014
RECEIVING PARTY DATA	
Name:	CARBO CERAMICS INC.
Street Address:	575 N. DAIRY ASHFORD RD., SUITE 300
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77079
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	14213276
PCT Number:	US2014028886
CORRESPONDENCE DATA	
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<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>	
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NAME OF SUBMITTER:	JENNIFER PIERCE

PATENT

SIGNATURE:	/jennifer pierce/
DATE SIGNED:	06/30/2014
Total Attachments: 4 source=34955-309-Assignment#page1.tif source=34955-309-Assignment#page2.tif source=34955-309-Assignment#page3.tif source=34955-309-Assignment#page4.tif	

ASSIGNMENT

WHEREAS, We,

- Robert Duenckel of Southlake, Texas
- Mark Conner of Tomball, Texas
- Chad Cannan of Cypress, Texas
- Daniel Cady of Houston, Texas
- Joshua Leasure of Houston, Texas
- Thu Lieng of Richmond, Texas
- Todd Roper of Katy, Texas
- Peter A. Read of Dorchester, Dorset, United Kingdom

have invented certain improvements in:

COMPOSITION AND METHOD FOR HYDRAULIC FRACTURING AND EVALUATION AND DIAGNOSTICS OF HYDRAULIC FRACTURES USING INFUSED POROUS CERAMIC PROPPANT

for which the following applications have been made:

1. Utility Application for Letters Patent of the United States of America, filed on March 14, 2014, and assigned Application No. 14/213,276; and
2. PCT application filed on March 14, 2014, and assigned International Application No. PCT/US2014/028886.

WHEREAS, CARBO Ceramics Inc. (Assignee), a Texas corporation, having its principal office and place of business at 575 N. Dairy Ashford Rd., Suite 300, Houston, TX 77079, is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said applications in the United States of America and in any and all countries foreign thereto;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, We have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said Assignee, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said applications, and all divisional, renewal, substitutional and continuing applications thereof, and all Letters Patent of the United States of America which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may be filed for said invention in any country or countries foreign to the United States of America, and all extensions, renewals and reissues thereof, and all prior patents and patent applications from which a filing priority of the above-described patent application may be obtained, including the right to collect past damages; and We hereby authorize and request the Commissioner of Patents of the United States of America, and any official of any country or countries foreign to the United States of America, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to the said Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that We will communicate to the said Assignee, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, renewal, substitutional, continuing, and reissue applications, make all rightful declarations and/or oaths and generally do everything possible to aid the said Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

First Inventor Name: Robert Duenckel
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Dated: 4/3/14

Robert Duenckel
Inventor Signature

Dated: 4/3/14

Julie Lombardo
Witness Signature
Witness Name: Julie Lombardo

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Mark Conner
Inventor Signature

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Anna Vidakovich
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Witness Name: Anna Vidakovich

Third Inventor Name: Chad Cannan
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Dated: 4/3/2014

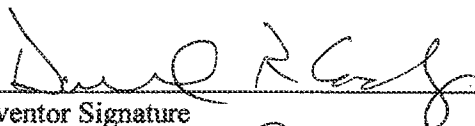
Chad Cannan
Inventor Signature

Dated: 4/3/14

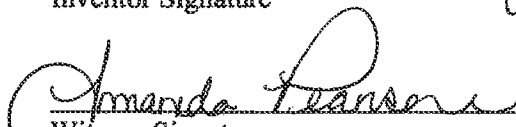
Julie Lombardo
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Witness Name: Julie Lombardo

Fourth Inventor Name: Daniel Cady
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Dated: 04/28/2014



Inventor Signature

Dated: 4/28/2014

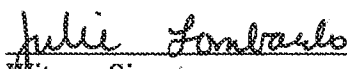

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Dated: 5/7/2014



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Dated: 5/7/14

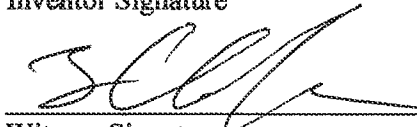

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Witness Name: Julie Lombardo

Sixth Inventor Name: Thu Lieng
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Dated: 6/20/2014


Inventor Signature

Dated: 6/20/2014


Witness Signature
Witness Name: John Christopher Douglas

Seventh Inventor Name: Todd Roper
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Dated: 4/9/2014

Todd Roper
Inventor Signature

Dated: 4/9/14

Julie Lombardo
Witness Signature
Witness Name: Julie Lombardo

Eighth Inventor Name: Peter A. Read
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United Kingdom

Dated: 9th April 2014

Peter A. Read
Inventor Signature

Dated: 9th April 2014

Berigitta Read
Witness Signature
Witness Name: BERIGITTA READ