

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3400328

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SRIDHAR SRINIVASAN	06/10/2015
WILLIAM DALE LOGAN	06/10/2015
RECEIVING PARTY DATA	
Name:	VORPAL ENERGY SOLUTIONS, LLC
Street Address:	5433 WESTHEIMER BLVD., SUITE 1014
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77056
Name:	C&J SPEC-RENT SERVICES, INC.
Street Address:	10771 WESTPARK DR.
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77042
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14734290
CORRESPONDENCE DATA	
Fax Number:	
<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:	512-476-1400
Email:	pgerik@dmtechlaw.com
Correspondent Name:	DAFFER MCDANIEL, LLP
Address Line 1:	P.O. BOX 164345
Address Line 4:	AUSTIN, TEXAS 78716-4345
ATTORNEY DOCKET NUMBER:	5694-00101
NAME OF SUBMITTER:	MOLLIE E. LETTANG
SIGNATURE:	/Mollie E. Lettang/
DATE SIGNED:	06/17/2015

Total Attachments: 4

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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged, the undersigned does hereby:

SELL, ASSIGN AND TRANSFER to VORPAL ENERGY SOLUTIONS, LLC (the "Assignee #1"), having a place of business at 5433 Westheimer Blvd, Suite 1014, Houston, TX 77056, and to C&J SPEC-RENT SERVICES, INC. (the "Assignee #2"), having a place of business at 10771 Westpark Dr, Houston, TX 77042, the entire right, title, and interest, including the right to sue for past damages, for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, Serial No. 14/734,290, filed June 9, 2015, entitled "DETERMINING ONE OR MORE PARAMETERS OF A WELL COMPLETION DESIGN BASED ON DRILLING DATA CORRESPONDING TO VARIABLES OF MECHANICAL SPECIFIC ENERGY", such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee; and

COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

FURTHER COVENANT that all statements made of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Assignee #1

(Signature) _____

Sridhar Srinivasan

Date: 10-20-2011

Assignee #2

(Signature) _____

William Dale Logan

Date: _____

Assignee #3

(Signature) _____

Sridhar Srinivasan, Managing Partner
VORPAL ENERGY SOLUTIONS, LLC

Date: 10-20-2011

Assignee #4

(Signature) _____

Scott Maddux, Asst. General Counsel
C&J SPEC-RENT SERVICES, INC.

Date: _____

Please direct all communication as follows:

Duffier McDaniel, LLP
P.O. Box 164345
Austin, Texas 78716-4345
Ph: (512) 476-1400

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Assignor #1

(Signature) _____
Sridhar Srinivasan

Date: _____

Assignor #2

(Signature) William Dale Logan
William Dale Logan

Date: JUNE 10, 2015

Assignee #1:

(Signature) _____
Sridhar Srinivasan, Managing Partner
VORPAL ENERGY SOLUTIONS, LLC

Date: _____

Assignee #2:

(Signature) _____
Scott Maddux, Asst. General Counsel
C&J SPEC-RENT SERVICES, INC.

Date: _____

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Assignor #1

(Signature) _____ Date: _____
Sridhar Srinivasan

Assignor #2

(Signature) _____ Date: _____
William Dale Logan

Assignee #1:

(Signature) _____ Date: _____
Sridhar Srinivasan, Managing Partner
VORPAL ENERGY SOLUTIONS, LLC

Assignee #2:

(Signature)  Date: 6/12/2015
Scott Maddux, Asst. General Counsel
C&J SPEC-RENT SERVICES, INC.

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