

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3597331

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ROBERT JEN-YUE DU	09/01/2015
DURAI BALAJI	09/01/2015
DAVID LAWRENCE FORD	09/15/2015
DINESH NARAYAN	09/01/2015
BAOZHI ZHU	09/17/2015
KRISHNANAND ANANDAN	09/17/2015
KENDRA LIMBRICK	09/23/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	VETCO GRAY INC.
<b>Street Address:</b>	4424 WEST SAM HOUSTON PARKWAY NORTH
<b>Internal Address:</b>	SUITE 100
<b>City:</b>	HOUSTON
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77041
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14930140
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(203)373-7153
<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>	
<b>Phone:</b>	7133959791
<b>Email:</b>	gpo.mail@ge.com
<b>Correspondent Name:</b>	PATENT DEPARTMENT GE OIL & GAS
<b>Address Line 1:</b>	4424 WEST SAM HOUSTON PARKWAY NORTH
<b>Address Line 2:</b>	SUITE 100
<b>Address Line 4:</b>	HOUSTON, TEXAS 77041
<b>ATTORNEY DOCKET NUMBER:</b>	GE281225 (1336JB.046492)
<b>NAME OF SUBMITTER:</b>	LINDA L. MORGAN
<b>SIGNATURE:</b>	/LINDA L. MORGAN/

PATENT

<b>DATE SIGNED:</b>	11/02/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments: 9</b> source=GE281225_Declaration_Assignment1#page1.tif source=GE281225_Declaration_Assignment1#page2.tif source=GE281225_Declaration_Assignment1#page3.tif source=GE281225_Declaration_Assignment1#page4.tif source=GE281225_Declaration_Assignment1#page5.tif source=GE281225_Declaration_Assignment1#page6.tif source=GE281225_Declaration_Assignment1#page7.tif source=GE281225_Declaration_Assignment1#page8.tif source=GE281225_Declaration_Assignment1#page9.tif	

COMBINED DECLARATION AND GLOBAL ASSIGNMENT  
FOR NON-PROVISIONAL UTILITY OR DESIGN PATENT APPLICATION

As the below named inventor(s), I/we hereby declare that:

This declaration and assignment are directed to:

WELLBORE SEAL ENERGIZING RING WITH RETAINING FEATURE

- ☒ the specification of which is attached hereto OR
- ☐ United States *Non-Provisional* application or PCT international application number \_\_\_\_\_ filed on \_\_\_\_\_, as amended on [date] (if applicable).  
(We hereby authorize and request the Company or its delegated attorneys or agents to insert above the application number and filing date of the application when known.)

The above-identified application was made or authorized to be made by us.

We believe that we are original joint inventors of a claimed invention in the application.

We hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC § 1001 by fine or imprisonment of not more than five (5) years, or both.

We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR § 1.56, including, for continuation-in-part applications, material information which became available between the filing date of the prior application and the filing date of the continuation-in-part application.

In accordance with our obligation(s) under an Employee Innovation and Proprietary Information Agreement or (as applicable) arising out of other agreements (such as, but not limited to, the Services Agreement between General Electric Company, a New York corporation, and our employers), and/or for other good and valuable consideration of which we acknowledge receipt, we,

Inventor First Name	Inventor Middle Name	Inventor Last Name		Residence Town	Residence State	Residence Country
Robert	Jen-Yue	Du	of	Houston	TX	US
Durai		Balaji	of	Bangalore	Karnataka	IN
David	Lawrence	Ford	of	Houston	TX	US
Dinesh		Narayan	of	Bangalore	Karnataka	IN
Baozhi		Zhu	of	Houston	TX	US
Krishnanand		Anandan	of	Houston	TX	US
Kendra		Limbrick	of	Houston	TX	US

hereby sell and assign to:

Name of Company: <i>Vetco Gray Inc.</i>
Entity Type (optional): <i>Delaware corporation</i>
Address: <i>4424 West Sam Houston Parkway North, Suite 100, Houston, TX 77041 USA</i>

herein referred to as "Company", its successors and assigns our entire respective rights, titles and interests in and to the invention and improvements made and conceived by us described in the application(s) listed above and in the following table:

Country of Filing	Type of Filing	Application Number	Filing Date	Title

(We hereby authorize and request the Company or its delegated attorneys or agents to insert above the application number and filing date of the application(s) when known.)

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of the application(s), and authorize and request any official whose duty it is to issue patents, to issue any patent on the inventions and improvements resulting therefrom to the Company, or its successors or assigns and agree that on request and without further consideration, we will communicate to the Company or its representatives or nominees any facts known to us respecting the inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid the Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for the invention and its improvements in all countries.

Remuneration claims of the inventor(s)/assignor(s) potentially arising from German Law on Employee Inventions, or any other respective country law, remain unaffected by this assignment.

INVENTOR 1

Signature: \_\_\_\_\_  
Inventor Name **Robert Jen-Yue Du**

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

Printed Name of Witness

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

Robert Du

Date: 9-1-2015

Inventor Name: **Robert Jen-Yue Du**

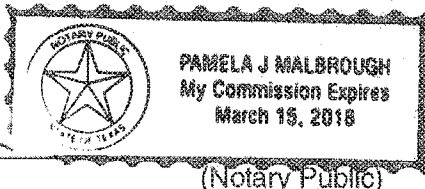
STATE OF TEXAS

COUNTY OF Harris ss.

This 1<sup>st</sup> day of September, 2015 before me personally came the above-named Robert Jen-Yue Du, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

Pamela J Malbrough



GE Docket No. 281225 (1336JB.046492)  
WELLBORE SEAL ENERGIZING RING WITH RETAINING FEATURE

INVENTOR 2

Signature: [Signature]  
Inventor Name Durai Balaji

Date: 01-09-2015

Witnessed by: [Signature]  
Signature

Date: 01-09-2015

MURUGAN M  
Printed Name of Witness

Witnessed by: [Signature]  
Signature

Date: 01/Sep/15

D. SURESH  
Printed Name of Witness

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

\_\_\_\_\_  
Inventor Name: Durai Balaji Date: \_\_\_\_\_

STATE OF TEXAS  
COUNTY OF \_\_\_\_\_

ss.

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Durai Balaji, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

INVENTOR 3

Signature: \_\_\_\_\_  
Inventor Name **David Lawrence Ford**

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

Printed Name of Witness

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

David Lawrence Ford

Date: 9/15/2015

Inventor Name: **David Lawrence Ford**

STATE OF TEXAS

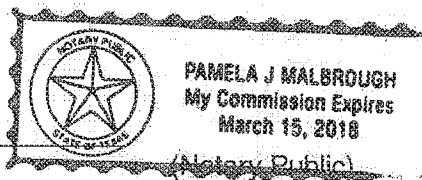
COUNTY OF Harris

SS.

This 15 day of Sept 2015 before me personally came the above-named David Lawrence Ford, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

Pamela J Malbrough



GE Docket No. 281225 (1336JB.046492)  
WELLBORE SEAL ENERGIZING RING WITH RETAINING FEATURE

INVENTOR 4

Signature: *D. Narayan*  
Inventor Name **Dinesh Narayan**

Date: 01/09/2015

Witnessed by: *Karthik Gobi*  
Signature

Date: 01/09/2015

KARTHIK GOBI  
Printed Name of Witness

Witnessed by: *Sivakumar Natarajan*  
Signature

Date: 01/09/2015

SIVAKUMAR NATARAJAN  
Printed Name of Witness

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

\_\_\_\_\_  
Date: \_\_\_\_\_

Inventor Name: **Dinesh Narayan**

STATE OF TEXAS

ss.

COUNTY OF \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Dinesh Narayan**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)



INVENTOR 5

Signature: \_\_\_\_\_  
Inventor Name **Baozhi Zhu**

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

Printed Name of Witness

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

Baozhi Zhu

Date: 9/17/2015

Inventor Name: **Baozhi Zhu**

STATE OF TEXAS

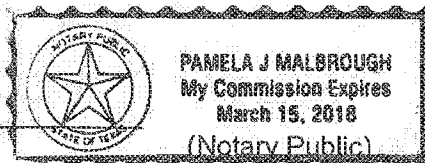
COUNTY OF Harris

ss.

This 17<sup>th</sup> day of Sept, 2015 before me personally came the above-named Baozhi Zhu, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

Pamela J. Malbrough



INVENTOR 6

Signature: \_\_\_\_\_  
Inventor Name **Krishnanand Anandan**

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

Printed Name of Witness

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

*A. Anandan*  
Inventor Name: **Krishnanand Anandan**

Date: 9/17/15

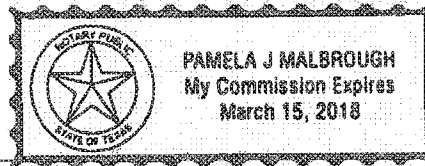
STATE OF TEXAS

COUNTY OF Harris SS.

This 17<sup>th</sup> day of Sept, 2015 before me personally came the above-named Krishnanand Anandan, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

*Pamela J. Malbrough*



(Notary Public)

INVENTOR 7

Signature: \_\_\_\_\_  
Kendra LIMBRICK

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

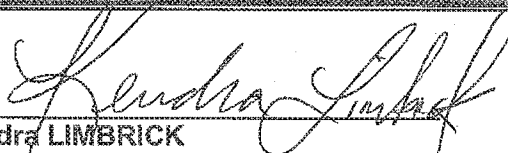
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

Printed Name of Witness

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

  
Kendra LIMBRICK

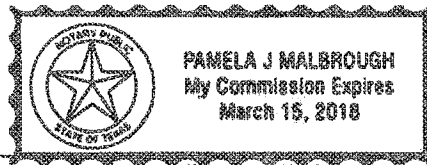
Date: 9/23/15

STATE OF Texas  
COUNTY OF Harris

This 23<sup>rd</sup> day of September, 2015 before me personally came the above-named Kendra LIMBRICK, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal





(Notary Public)