

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4660282

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MICHAEL GAY	09/17/2012
DRAGON'S HEAD CONSULTING, LLC	09/17/2012
RECEIVING PARTY DATA	
Name:	PIONEER NATURAL RESOURCES USA, INC.
Street Address:	5205 NORTH O'CONNOR BLVD, SUITE 200
City:	IRVING
State/Country:	TEXAS
Postal Code:	75039-4412
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	15199040
Application Number:	15199255
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:	713-496-3456
Email:	docket@KTlaw.org
Correspondent Name:	KNOBLOCH & TRIPP, PLLC
Address Line 1:	4265 SAN FELIPE, SUITE 1100
Address Line 4:	HOUSTON, TEXAS 77027
ATTORNEY DOCKET NUMBER:	33096USD
NAME OF SUBMITTER:	CHARLES KNOBLOCH
SIGNATURE:	/charles knobloch/
DATE SIGNED:	10/26/2017
Total Attachments: 4	
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source=13836068_Assignment_1#page4.tif	

ORIGINAL ASSIGNMENT

For valuable consideration, I

<u>Michael Gay</u>	of	Residence Address:	917 Eagle Cliff Drive
(Type name of inventor)			Norman, OK 73072
		Citizenship:	U.S.A.

the below signed joint inventor, hereby assign to

Pioneer Natural Resources USA, Inc.

a corporation having a registered office at

5205 North O'Connor Blvd., Suite 200

Irving, TX 75039-4412

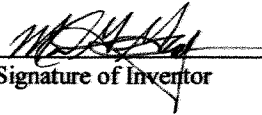
USA

and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are described or claimed in the subject of U.S. provisional application, having the attorney docket number of 33096US, also known as "Sliding Sleeve Technology", and entitled:

"Well Treatment Device, Method, and System"

This assignment includes said application, any and all United States and foreign patents, utility models, design registrations, inventor's certificates and other similar rights granted for any of said inventions or improvements, including any and all divisional applications, continuations, and continuations in part together with the entire right, title and interest in and to said applications, and to all divisional applications, continuations, and continuations in part thereof, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. I hereby authorize the Assignee to apply in all countries in my name, or in its own name, for patents, utility models, design registrations and like rights of exclusion and for inventor's certificates for said inventions and improvements; and I agree for myself and my heirs, legal representatives and assignees, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereby set my hand, date of signature and place of signature as indicated below.


Signature of Inventor

Michael Gay
Typed Name


9/17/2012
Date of Signature

Norman, OK, USA
Place of Signature
City, Country

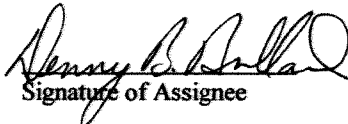
BEFORE ME, the undersigned authority, on the day and year above specified, personally appeared Michael Gay, known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged to me that he executed the instrument of his own free will and for the purposes and consideration therein expressed.

Notary Public [SEAL]



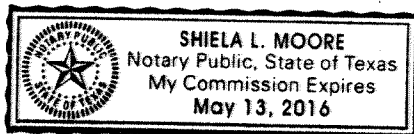

Notary Public Signature
EVAN KENT
Printed Name of Notary Public

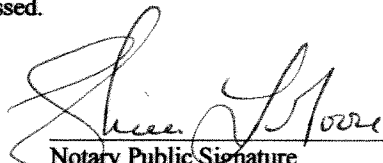
This ASSIGNMENT acknowledged and agreed to by Pioneer Natural Resources USA, Inc.

 Denny B. Bullard VP, Operational Services
Signature of Assignee Typed Name Title
9-20-12 Dallas Tx, USA
Date of Signature Place of Signature City, Country

BEFORE ME, the undersigned authority, on the day and year above specified, personally appeared Denny B. Bullard, known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged to me that he executed the instrument of his own free will and for the purposes and consideration therein expressed.

Notary Public [SEAL]




Notary Public Signature
Shiela L. Moore
Printed Name of Notary Public

ASSIGNMENT

Dragon's Head Consulting, LLC, a limited liability company having a place of business at 917 Eagle Cliff Drive, Norman, OK 73072 (hereinafter "Assignor"), releases its interests in the patent application listed below.

For valuable consideration, Assignor hereby assigns to

Pioneer Natural Resources USA, Inc.

a corporation having a registered office at

5205 North O'Connor Blvd., Suite 200

Irving, TX 75039-4412

USA

and its successors and assigns (collectively hereinafter called "the Assignee"), its entire right, title and interest throughout the world in the inventions and improvements which are described or claimed in the subject of U.S. provisional patent application, having the attorney docket number of 33096US, also known as "Sliding Sleeve Technology", and entitled:

"Well Treatment Device, Method, and System"

This assignment includes said application, any and all United States and foreign patents, utility models, design registrations, inventor's certificates and other similar rights granted for any of said inventions or improvements, including any and all divisional applications, continuations, and continuations in part together with the entire right, title and interest in and to said applications, and to all divisional applications, continuations, and continuations in part thereof, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. Assignor hereby agrees for itself and its successors-in-interest, legal representatives and assignees, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereby set my hand, date of signature and place of signature as indicated below.

[Signature]
Signature of Assignor

Michael Gay
Typed Name

President
Title

9/17/2012
Date of Signature

Norman, OK, USA
Place of Signature City, Country

BEFORE ME, the undersigned authority, on the day and year above specified, personally appeared Michael Gay, known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged to me that he executed the instrument of his own free will and for the purposes and consideration therein expressed.

Notary Public [SEAL]



[Signature]
Notary Public Signature

EVAN KENT
Printed Name of Notary Public

This ASSIGNMENT acknowledged and agreed to by Pioneer Natural Resources USA, Inc.

[Signature]
Signature of Assignee

Denny B. Bullard
Typed Name

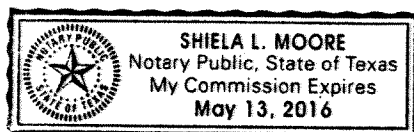
VP, Operational Services
Title

9-20-12
Date of Signature

Dallas, Texas, USA
Place of Signature City, Country

BEFORE ME, the undersigned authority, on the day and year above specified, personally appeared Denny B. Bullard, known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged to me that he executed the instrument of his own free will and for the purposes and consideration therein expressed.

Notary Public [SEAL]



[Signature]
Notary Public Signature

Shiela L. Moore
Printed Name of Notary Public