

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5551886

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SCOTT W. CLAWSON	05/16/2019
H. ALAN WOLF	05/23/2019
KATIE M. WALKER	05/17/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	EXXONMOBIL UPSTREAM RESEARCH COMPANY
<b>Street Address:</b>	22777 SPRINGWOODS VILLAGE PARKWAY
<b>Internal Address:</b>	N1.4A.607
<b>City:</b>	SPRING
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77389
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14434732
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(832)625-0452
<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>	832-624-9261
<b>Email:</b>	urc-mail-formalities@exxonmobil.com
<b>Correspondent Name:</b>	EXXONMOBIL UPSTREAM RESEARCH COMPANY
<b>Address Line 1:</b>	22777 SPRINGWOODS VILLAGE PARKWAY
<b>Address Line 2:</b>	N1.4A.607
<b>Address Line 4:</b>	SPRING, TEXAS 77389
<b>ATTORNEY DOCKET NUMBER:</b>	2012EM443
<b>NAME OF SUBMITTER:</b>	NATHAN O. JENSEN, REG NO. 41,460
<b>SIGNATURE:</b>	/ Nathan O. Jensen /
<b>DATE SIGNED:</b>	06/03/2019
<b>Total Attachments: 6</b>	
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source=2012EM443-PROV-20190529-Assignment-Signed#page6.tif

## ASSIGNMENT

Inventor or Inventors: **Scott W. Clawson, H. Alan Wolf and Katie M. Walker**

In consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned person(s) (hereinafter referred to as UNDERSIGNED) hereby agree(s) as follows:

UNDERSIGNED hereby assign(s) to ExxonMobil Upstream Research Company, a Delaware corporation having offices at 22777 Springwoods Village Parkway, Spring, Texas, 77389, its successors, legal representatives and assigns (hereinafter referred to collectively as ASSIGNEE), free from all encumbrances, the entire right, title and interest, including all rights to sue for past infringement, for the United States and all foreign countries and patent offices or organizations, in and to all inventions, discoveries or improvements, claimed or described in the document entitled "Apparatus and Method for Monitoring Fluid Flow in a Wellbore using Acoustic Signals" and further identified as Attorney Docket No. 2012EM443, and Serial No. 14/434,732, filed at the U.S. Patent and Trademark office on April 9, 2015, (hereinafter referred to as the APPLICATION), including the right to claim priority to the APPLICATION in the United States or any foreign country under the Paris Convention or equivalent reciprocal provisions for any subsequent application, continuations, continuations-in-part, divisions, reissues, reexaminations, and extensions thereof in the United States or any foreign country (hereinafter referred to collectively as PATENT FILINGS); and further including all Letters Patent of the United States or any foreign country that may be granted thereon (hereinafter referred to collectively as ISSUED PATENTS); and UNDERSIGNED hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States and any official of any foreign country or patent office or organization whose duty it is to issue patents on applications as described above, to issue all ISSUED PATENTS to ASSIGNEE, in accordance with the terms of this Assignment.

UNDERSIGNED agree(s) upon the request of ASSIGNEE to perform any and all affirmative acts to obtain United States and foreign patents, including at least: to execute any and all applications for United States or foreign patents for the APPLICATION and the PATENT FILINGS, and any documents that shall be required of UNDERSIGNED to be executed in connection with the APPLICATION, the PATENT FILINGS, or any ISSUED PATENTS, including, but not limited to priority claims therefor, continuations or substitutes therefor, prosecution thereof, any lawful oaths, declarations, affidavits, or other papers relating thereto, and any specific separate assignments of any of the above required for recording in the United States Patent and Trademark Office or other foreign country or patent office or patent organization, that ASSIGNEE may deem necessary or expedient.


UNDERSIGNED agree(s) that in the event of any application based on the APPLICATION or the PATENT FILINGS, or any reissue or application for the reissue thereof, becoming involved in interference proceedings, UNDERSIGNED will cooperate with ASSIGNEE to the best of the ability of UNDERSIGNED in the matter of preparing and executing preliminary statements and giving and producing evidence in support thereof.

IN WITNESS WHEREOF, this Assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED'S name.

DATE 5/16/2019

  
Scott W. Clawson

DATE 05/16/2019

  
Witness: Thomas Sun  
Print witness name

DATE \_\_\_\_\_

\_\_\_\_\_  
H. Alan Wolf

DATE \_\_\_\_\_

\_\_\_\_\_  
Witness: \_\_\_\_\_  
Print witness name

DATE \_\_\_\_\_

\_\_\_\_\_  
Katie M. Walker

DATE \_\_\_\_\_

\_\_\_\_\_  
Witness: \_\_\_\_\_  
Print witness name

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DATE \_\_\_\_\_

\_\_\_\_\_  
**Scott W. Clawson**

DATE \_\_\_\_\_

Witness: \_\_\_\_\_

*Print witness name*

DATE May 23 2019

H. Alan Wolf  
**H. Alan Wolf**

DATE May 23 2019

M. Ke. N. Holi  
Witness: M. Ke. N. Holi  
*Print witness name*

DATE \_\_\_\_\_

\_\_\_\_\_  
**Katie M. Walker**

DATE \_\_\_\_\_

Witness: \_\_\_\_\_

*Print witness name*

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DATE \_\_\_\_\_

\_\_\_\_\_  
**Scott W. Clawson**

DATE \_\_\_\_\_

Witness: \_\_\_\_\_

*Print witness name*

DATE \_\_\_\_\_

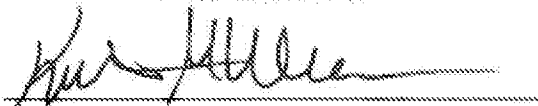
\_\_\_\_\_  
**H. Alan Wolf**

DATE \_\_\_\_\_

Witness: \_\_\_\_\_

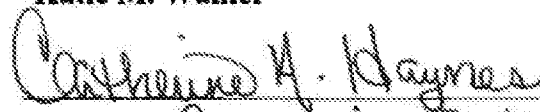
*Print witness name*

DATE 5/17/2019



**Katie M. Walker**

DATE 5/17/2019



Witness: \_\_\_\_\_

CATHERINE A. HAYNES  
*Print witness name*