505186001 11/12/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5232770

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RANDY C TOLMAN	11/01/2018
P. MATTHEW SPIECKER	11/08/2018
STEVE LONNES	11/02/2018

RECEIVING PARTY DATA

Name:	EXXONMOBIL UPSTREAM RESEARCH COMPANY	
Street Address:	22777 SPRINGWOODS VILLAGE PARKWAY	
Internal Address:	EMHC-N1.4A.607	
City:	SPRING	
State/Country:	TEXAS	
Postal Code:	77389	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16144322

CORRESPONDENCE DATA

Fax Number: (832)625-0452

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.

Phone: 8326249191

Email: urc-mail-formalities@exxonmobil.com

EXXONMOBIL UPSTREAM RESEARCH COMPANY **Correspondent Name:**

22777 SPRINGWOODS VILLAGE PARKWAY Address Line 1:

Address Line 2: EMHC-N1.4A.607

Address Line 4: SPRING, TEXAS 77389

2018EM272 **ATTORNEY DOCKET NUMBER:** RICKY F. JAMES NAME OF SUBMITTER: SIGNATURE: /Ricky F. James/ **DATE SIGNED:** 11/12/2018

Total Attachments: 6

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PATENT REEL: 047475 FRAME: 0163 505186001

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PATENT REEL: 047475 FRAME: 0164

ASSIGNMENT

Inventors: Randy C Tolman, P. Matthew Spiecker, Steve Lonnes

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, 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 "Methods and Devices for Restimulating a Well Completion", and further identified as Attorney Docket No. 2018EM272, and Serial No. 16/144322, filed at the U.S. Patent and Trademark office on September 27, 2018, (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.

ASSIGNMENT Cont.

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_	11-1-2018	Gang Ophnen
DATE_	11-1-2018/	Randy & Tollman
		Witners: <u>ブバ 7o /ma ル</u> (print name)
DATE_		P. Matthew Spiecker
DATE_		
		Witness:(print name)
DATE_		95 c X
		Steve Lonnes
DATE_		
		Witness:(print name)

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DATE	
	Randy C Tolman
DATE	
	Witness:(print name)
DATE 11/8/2018	P. Matthew Spiecker
DATE 11/8/2018	Witness: Timorns G. Benish
	(print name)
DATE	Steve Lonnes
DATE	Salitanaa
	Witness:(print name)

ASSIGNMENT

Inventors: Randy C Tolman, P. Matthew Spiecker, Steve Lonnes

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	Randy C Tolman
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	Steve Lonnes
DATE NW 2, 2018	Amande Jacobson Witness: Amanda Jacobson
,	Witness: Amanda Tachica
	(print name)

Page 2 of 2