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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4018182

	SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:			ASSIGNMENT			
CONVEYING PARTY	ΔΑΤΑ					
			Name		Execution Dat	
JAMES ANDREW BRODIE				08/14/2012		
GARY RUSSELL JERAULD					07/25/2012	
RECEIVING PARTY D	ΑΤΑ					
Name:	BP EX	PLOR	ATION OPERATING COM	IMITED		
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Internal Address:	SUNBL	JRY O	N THAMES			
City:	MIDDL	MIDDLESEX				
State/Country:	UNITE	UNITED KINGDOM				
Postal Code:	TW16	TW16 7BP				
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PROPERTY NUMBER	r		Number		1	
Property Type Application Number:		15188083				
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CORRESPONDENCE	DATA					
	DATA	(713)2	238-8008			
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Case No. 72370

ASSIGNMENT

WHEREAS, WE, James Andrew BRODIE and Gary Russell JERAULD of British and US nationality respectively, residing at Guildford, Surrey, United Kingdom and Houston, Texas, United States of America, respectively, have made an invention relating to 'Method For Injecting Low Salinity Water' which is the subject of BP Patent Case No. 72370 filed on 18 May 2011 under US Patent Application No. 61/487,357 (hereinafter the "Invention");

WHEREAS I, James Andrew BRODIE when contributing to said invention and improvements thereto was employed by BP EXPLORATION OPERATING COMPANY LIMITED having a registered office at Chertsey Road, Sunbury on Thames, Middlesex, TW16 7BP, United Kingdom and being registered in England and Wales and am joint inventor of said Invention;

WHEREAS I, Gary Russell JERAULD when contributing to said Invention and improvements thereto was employed by BP AMERICA PRODUCTION COMPANY having a registered office at 501 Westlake Park Boulevard, Houston, Texas 77079, United States of America and am joint inventor of said Invention;

WHEREAS WE, Andrew James BRODIE and Gary Russell JERAULD each acknowledges that all rights in said Invention and improvements thereto and the right to file patent applications therefor in any and all countries of the world and to any and all patent applications therefor and any Letters Patent which may be issued thereupon in any and all countries of the world have vested in BP EXPLORATION OPERATING COMPANY LIMITED and/or BP AMERICA PRODUCTION COMPANY by contract of employment or through application of law; and

WHEREAS it is the wish of all the parties that the entire right, title and interest in, to and under the said Invention and any improvements thereon and the right to file patent applications therefor in any and all countries of the world any, and all patent applications therefor in the USA and all other countries of the world, and any and all Letters Patent which may be issued thereupon in the USA and all other countries of the world, shall vest solely in said BP EXPLORATION OPERATING COMPANY LIMITED having a registered office at Chertsey Road, Sunbury on Thames, Middlesex, TW16 7BP United Kingdom and being registered in England and Wales;

NOW THEREFORE, to the extent that specific assignment of the invention and/or improvements thereon and the right to file patent applications therefor in any country of the world is needed for the purpose of recording or registration in any patent office, industrial property office or like governmental authority, WE, the said Andrew James BRODIE and Gary Russell JERAULD and BP AMERICA PRODUCTION COMPANY for valuable consideration, the receipt and adequacy of which we hereby acknowledge, agree to sell, assign, transfer and set over, and by these presents do hereby sell, assign, transfer and set over, and by these presents do hereby sell, assign, transfer and set over, unto BP EXPLORATION OPERATING COMPANY LIMITED, its successors and assigns, and BP EXPLORATION OPERATING COMPANY LIMITED agrees to accept and hereby does accept, the entire right, title and interest in, to and under the said Invention and any improvements thereon including priority rights and the right to file patent applications therefor in any and all countries of the world, and the right to claim priority from any patent application (including but not limited to US patent application number 61/s05,Q35 for said Invention and any improvements thereon in any improvements thereon in any country of the world,

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and any and all patent applications (including but not limited to US patent application number 61/487,357 and Letters Patent for said Invention and improvements in the USA and all other countries of the world, and all divisions, renewals and continuations thereof, and all reissues and extensions thereof, with effect from 18 May 2011

And WE hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute any agreement or other instrument in conflict herewith.

And WE hereby further covenant and agree that we will communicate to the assignee herein, its successors, legal representatives and assigns any facts known to us respecting said Invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, renewal, reissue and extension applications, make all rightful declarations, and generally do everything possible to aid the assignee herein, its successors, legal representatives and assigns in obtaining and enforcing proper patent protection for said Invention in the USA and all other countries of the world.

Dated: 8/14/2012

į.

James Andrew BRODIE

Dated: 7/25/2019

Gary Russell/JERAULE

Witnessed Enis Robbana

Agreed for BP AMERICA PRODUCTION COMPANY :

Dated :

(signed)

(print name)

Accepted for BP EXPLORATION OPERATING COMPANY LIMITED :

Dated : 6 SOPT 2012

(signed)

Susan J Day Power of Attorney (print name) Head Formalities Officer

Page 2 of 2

PATENT REEL: 039503 FRAME: 0280 and any and all patent applications (including but not limited to US patent application number 61/487,357 and Letters Patent for said Invention and improvements in the USA and all other countries of the world, and all divisions, renewals and continuations thereof, and all reissues and extensions thereof, with effect from 18 May 2011

And WE hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute any agreement or other instrument in conflict herewith.

And WE hereby further covenant and agree that we will communicate to the assignee herein, its successors, legal representatives and assigns any facts known to us respecting said Invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, renewal, reissue and extension applications, make all rightful declarations, and generally do everything possible to aid the assignee herein, its successors, legal representatives and assigns in obtaining and enforcing proper patent protection for said Invention in the USA and all other countries of the world.

Dated:		
	James Andrew BRODIE	Witnessed
		PRINT NAME
Dated:	Gary Russell JERAULD	Witnessed
,		PRINT NAME
Agreed for BP AMERICA	PRODUCTION COMPANY :	
Dated : July 31, 201:	(signed) <u>Ahmed Ha</u> (print name) <u>AHMED H</u>	shi_
	(print name) <u>AHMEA H</u>	ASHMI
Accepted for BP EXPLO	RATION OPERATING COMPANY LIN	1ITED :
Dated :	(signed)	
	(print name)	

Page 2 of 2 PATENT REEL: 039503 FRAME: 0281

RECORDED: 08/23/2016