PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3230644

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the NAME OF THE ASSIGNEE FROM "BP EXPLORATION OPERATION COMPANY LIMITED" TO READ "BP EXPLORATION OPERATING COMPANY LIMITED" previously recorded on Reel 022621 Frame 0741. Assignor(s) hereby confirms the ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
MARK SHELTON ASTON	10/23/2007
IAN GRAY	10/23/2007

RECEIVING PARTY DATA

Name:	BP EXPLORATION OPERATING COMPANY LIMITED	
Street Address:	CHERTSEY ROAD, SUNBURY ON THAMES	
City:	MIDDLESEX	
State/Country:	UNITED KINGDOM	
Postal Code:	TW16 7BP	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12312086

CORRESPONDENCE DATA

Fax Number: (703)816-4100

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: 7038164000

Email: Ifm@nixonvan.com

Correspondent Name: NIXON & VANDERHYE

Address Line 1: 901 NORTH GLEBE ROAD, 11TH FLOOR

Address Line 4: ARLINGTON, VIRGINIA 22203

ATTORNEY DOCKET NUMBER:	LCM-608-612	
NAME OF SUBMITTER:	LEONARD C. MITCHARD	
SIGNATURE:	/Leonard C. Mitchard/	
DATE SIGNED:	02/18/2015	

Total Attachments: 5

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PATENT 503184028 REEL: 035032 FRAME: 0830

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> PATENT REEL: 035032 FRAME: 0831



UNITED STATES PATENT AND TRADEMARK OFFICE

Under Secretary of Commerce for Intellectual Property and Director of the United States Patent and Trademark Office

MAY 01, 2009

PTAS



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LEONARD C. MITCHARD NIXON & VANDERHYE P.C. 901 NORTH GLEBE ROAD, 11TH FLOOR ARLINGTON, VIRGINIA 22203

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RECORDATION DATE: 04/24/2009

REEL/FRAME: 022621/0741

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ASTON. MARK SHELTON

DOC DATE: 10/23/2007

ASSIGNOR:

GRAY, IAN

DOC DATE: 10/23/2007

ASSIGNEE:

BP EXPLORATION OPERATION COMPANY LIMITED

CHERTSEY ROAD, SUNBURY ON THAMES MIDDLESEX, UNITED KINGDOM TW16 7BP

SERIAL NUMBER: 12312086

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: FORMATION TREATMENT

P.O. Box 1450, Alexandria, Virginia 22313–1450 - www**REEEN: 035032 FRAME: 0832**

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> PATENT REEL: 035032 FRAME: 0833

Our Ref.: LCM-608-612



04-30-2009

U.S. Department of Commerce United States Patent and Trademark Office

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IAPOSREC'D PCT 24 APR 2009

PATENTS ONLY

12/312086

To the Director of the U.S. Patent and Trademark Office: Please re	ecord the attached original documents or copy thereof.			
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):			
Mark Shelton ASTON	•••			
2 Ian GRAY	1) Name: BP EXPLORATION OPERATING COMPANY			
	LIMITED			
	Street Address: Chertsey Road, Sunbury on Thames			
	City: Middlesex			
	State/Country: United Kingdom Zip: TW16 7BP			
Additional name/s of conveying party/ies attached?	and a summy.			
3. Nature of conveyance:	2) Name			
Assignment Merger	Street Address:			
Security Assignment Change of Name	City:			
Other	State: Zip:			
Carlo	Diate.			
Europeilan Notal October 22, 2007	Additional name to the address that add Was NAME			
Execution Date: October 23, 2007	Additional name/s & address/es attached? Yes No			

	assignment is being filed together with a new application.			
A. Patent Application No(s).	B. Patent No(s).			
(1) To be assigned	(1)			
(2)	(2)			
(3).	(3)			
	ached Yes No			
5. Name and address of party to whom correspondence	6. Total number of applications & patents involved:			
concerning document should be mailed:	Management			
	7. Total fee (37 CFR 3.41) \$ 40.00			
Name: Leonard C. Mitchard	⊠ Enclosed			
(harmonia)	Authorized to be charged to deposit account #14-1140			
Internal Address:	radionized to be enarged to deposit decount #14-1140			
Istorisci Verti ett.	8. The Commissioner is hereby authorized to charge any			
Canada Addanas Niliana R. Mandashara D.C.				
Street Address: Nixon & Vanderhye P.C.	deficiency in the fee(s) filed, or asserted to be filed, or which			
901 North Glebe Road	should have been filed herewith (or with any paper thereafter			
11th Floor	filed in this application by this firm) to our Account No.			
City: Arlington State: VA Zip: 22203	14-1140.			
DO NOT USE	THIS SPACE			
9. Statements and signature.				
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy				
of the original document.				
of the original document.				
Leonard C. Mitchard April 24, 2009				
Reg. No. 29,009				
Total number of pages including original cover sheet, attachments, and document: [3]				

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

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ASSIGNMENT

WHEREAS, WE, Mark Shelton ASTON and Ian GRAY, of British nationality residing at 35 Fairfax Road, Teddington, Middlesex, TW11 9DJ, United Kingdom and 108 Lawford Road, Rugby, Warwickshire, CV21 2EH, United Kingdom respectively, have invented certain new and useful improvements relating to 'FORMATION TREATMENT' which is the subject of BP Patent Case No. 10336 [and European patent application number 06255601.4] (hereinafter the "Invention");

WHEREAS I, Mark Shelton ASTON am employed by BP Exploration Operating Company Limited having a registered office at Chertsey Road, Sunbury on Thames, Middlesex, TW16 7BP and am joint inventor of said Invention; and

<u>WHEREAS</u> I, Ian GRAY am employed by Science and Technology Recruitment having a registered office at Executive House, PO Box 264, Reigate, Surrey, RH2 OGW and am joint inventor of said Invention; and

WHEREAS, pursuant to an agreement dated 10th May 2006 between Science and Technology Recruitment and BP Exploration Operating Company Limited and an agreement dated 24th April 2006 between Science and Technology Recruitment and Ian GRAY. Science and Technology Recruitment and We, Mark Shelton ASTON and Ian GRAY, each acknowledges that any and all rights of Science and Technology Recruitment and We, Mark Shelton ASTON and Ian GRAY 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 shall vest in BP Exploration Operating Company Limited by contract of employment or through application of law;

NOW THEREFORE, to the extent that specific assignment of the rights in said Invention 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 Mark Shelton ASTON and Ian GRAY, 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, 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 any and all patent applications 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 10th May, 2006.

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 pagrent or other instrument in conflict herewith.

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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 me 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: 23/2012-07 V7-S. Actor
Mark Shelton ASTON

Witnessed

Agreed for SCIENCE AND TECHNOLOGY RECRUITMENT

Accepted for BP EXPLORATION OPERATING COMPANY LIMITED:

Dated: 31 10 07

(signed) Susan Janet Day

By Power of Attorney

PATENT REEL: 035032 FRAME: 0836

RECORDED: 02/18/2015