Our Ref.: LCM-608-6

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10-08-2010

United States Patent and Trademark Office 12/736425
POTRec'd PCT 07 OCT 2010

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To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
1 Philip Craig SMALLEY	
	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?	State/Country. Office Kingdom Zip. 1 w 10 / Di
	2) Name
	Street Address:
Security Assignment Change of Name	City:
Other	State: Zip:
	219.
Execution Date: March 2, 2009	Additional name/s & address/es attached? Yes No
4. Application number(s) or patent number(s):	s 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)
Additional numbers attached Yes No	
5. Name and address of party to whom correspondence	6. Total number of applications & patents involved:
concerning document should be mailed:	
Concerning account mount of manea.	7. Total fee (37 CFR 3.41) \$ 40.00
Name: Leonard C. Mitchard	⊠ Enclosed
Trumo.	Authorized to be charged to deposit account #14-1140
Internal Address:	radiofized to be charged to deposit decount #11 1140
Internal / Kan Cook	8. The Commissioner is hereby authorized to charge any
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.
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O Statements and signature	
9. Statements and signature. To the best of my knowledge and belief the foregoing information is true and correct and any attached conv. is a true conv.	
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	October 7, 2010
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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REEL: 025133 FRAME: 0831

ASSIGNMENT

12/736425

WHEREAS, I, Philip Craig SMALLEY of British nationality residing at 12 Levylsdene, Guildford, Surrey, GU1 2RS, United Kingdom have invented certain new and useful improvements relating to 'Geochemical surveillance of gas production from tight gas fields' which is the subject of BP Patent Case No. 32753 filed in Europe on 9 April 2008 under Application No. 08251372.2 (hereinafter the "Invention");

WHEREAS I, Philip Craig SMALLEY am employed by BP Exploration Operating Company Limited having a registered office at Chertsey Road, Sunbury on Thames, Middlesex, TW16 7BP, United Kingdom and am joint inventor of said Invention;

WHEREAS I, Philip Craig SMALLEY acknowledge 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 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;

NOW THEREFORE, to the extent that specific assignment of the 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, I, the said Philip Craig SMALLEY 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 9 April 2008.

And I 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.

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And I 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: 1/3/09

Phillip Craig SMALLEY

Witnessed

Accepted for BP EXPLORATION OPERATING COMPANY LIMITED:

Dated : 10 (03 (09

(name) Susan Janet DAY

by Power of Attorney

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RECORDED: 10/07/2010