

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Mark William ALBERTY</td> <td>09/29/2008</td> </tr> <tr> <td>Mark ASTON</td> <td>09/24/2008</td> </tr> <tr> <td>Randall SANT</td> <td>09/29/2008</td> </tr> </tbody> </table>		Name	Execution Date	Mark William ALBERTY	09/29/2008	Mark ASTON	09/24/2008	Randall SANT	09/29/2008		
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>BP Corporation North America Inc.</td> </tr> <tr> <td>Street Address:</td> <td>4101 Winfield Road</td> </tr> <tr> <td>City:</td> <td>Warrenville</td> </tr> <tr> <td>State/Country:</td> <td>ILLINOIS</td> </tr> <tr> <td>Postal Code:</td> <td>60555</td> </tr> </table>		Name:	BP Corporation North America Inc.	Street Address:	4101 Winfield Road	City:	Warrenville	State/Country:	ILLINOIS	Postal Code:	60555
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CORRESPONDENCE DATA											
<p>Fax Number: (713)228-8778</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 713-228-8600</p> <p>Email: bmcfadden@oshaliang.com</p> <p>Correspondent Name: Jeffrey S. Bergman</p> <p>Address Line 1: 909 Fannin Street</p> <p>Address Line 2: SUITE 3500</p> <p>Address Line 4: Houston, TEXAS 77072</p>											
ATTORNEY DOCKET NUMBER:	05542/202002 (BCM)										
NAME OF SUBMITTER:	Brenda C. McFadden										
<p>Total Attachments: 2</p> <p>source=Assignment_BP#page1.tif</p>											

OP \$40.00 12669967

501071258

PATENT
REEL: 023822 FRAME: 0822

ASSIGNMENT – WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned individual(s) (referred to herein as the "INVENTOR(S)") hereby assign, transfer, and set over to:

BP Corporation North America Inc.

having the following address:

4101 Winfield Road
Warrenville, Illinois 60555

(referred to herein as "COMPANY"), its successors, and assigns, the entire right, title, and interest, worldwide, in and to the invention known by the following title:

METHODS OF INCREASING FRACTURE RESISTANCE IN LOW PERMEABILITY FORMATIONS

for which the undersigned has/have executed an application for patent in the United States of America on or about this same day, together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all Letters Patent (domestic and foreign) which may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

In addition, the undersigned INVENTOR(S) each hereby agrees:

1. To sign and execute any further documents which may be necessary or desirable, lawful, and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
2. To execute all papers and documents and to perform all lawful acts which may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
3. To perform all lawful affirmative acts which may be necessary to obtain the grant of a valid and enforceable patent to COMPANY.

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

The undersigned INVENTOR(S) each hereby grants to the firm of OSHA LIANG LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for the recordation of this document.

OSHA LIANG LLP

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

29 Sept 2008
Date

1st Inventor Signature: Mark William Alberty
Print or Type Name: Mark William Alberty

24 Sept 2008
Date

2nd Inventor Signature: M. Aston
Print or Type Name: Mark Aston

29th SEPT 2008
Date

3rd Inventor Signature: R Sant
Print or Type Name: Randall Sant

Date

4th Inventor Signature: _____
Print or Type Name: _____

NOTARY PUBLIC

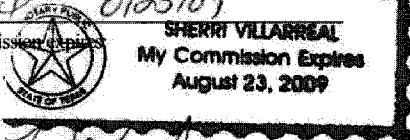
State of Texas
County of HARRIS

Before me personally appeared:

<u>Mark William Alberty</u> 1 st Inventor	<u>Mark Aston</u> 2 nd Inventor
<u>Randall Sant</u> 3 rd Inventor	_____ 4 th Inventor
_____ 5 th Inventor	_____ 6 th Inventor
_____ 7 th Inventor	_____ 8 th Inventor

each of whom acknowledged the foregoing instrument to be a free act and deed and also represented that he/she is authorized to execute this Assignment.

Dated: 9/29/08

Sherri Villarreal
Notary Public
My commission expires 8/23/09


WITNESSES

9/29/08
Date

Signature of Witness: John L. Wood
Print or Type Name: John L. Wood

Date

Signature of Witness: _____
Print or Type Name: _____

When this Assignment is not filed concurrently with the patent application, the following identifying information may be added after execution:

PCT Application Serial No.: PCT/US08/71978
Filing Date: August 1, 2008

When this Assignment is not filed concurrently with the patent application, the following identifying information may be added after execution:

U.S. Application Serial No.: 60/953,387 12/669,967
Filing Date: August 1, 2007 January 21, 2010