

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>Raheel Shafi</td> <td>10/04/2009</td> </tr> <tr> <td>Esam Z. Hamad</td> <td>09/29/2009</td> </tr> <tr> <td>Stephane Cyrille Kressmann</td> <td>09/29/2009</td> </tr> <tr> <td>Ali Hussain Alzaid</td> <td>10/07/2009</td> </tr> </tbody> </table>		Name	Execution Date	Raheel Shafi	10/04/2009	Esam Z. Hamad	09/29/2009	Stephane Cyrille Kressmann	09/29/2009	Ali Hussain Alzaid	10/07/2009
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RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Saudi Arabian Oil Company</td> </tr> <tr> <td>Street Address:</td> <td>1 Eastern Avenue</td> </tr> <tr> <td>City:</td> <td>Dhahran</td> </tr> <tr> <td>State/Country:</td> <td>SAUDI ARABIA</td> </tr> <tr> <td>Postal Code:</td> <td>31311</td> </tr> </table>		Name:	Saudi Arabian Oil Company	Street Address:	1 Eastern Avenue	City:	Dhahran	State/Country:	SAUDI ARABIA	Postal Code:	31311
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: (713)222-3291</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 713-223-2300</p> <p>Email: docketing@bgllp.com</p> <p>Correspondent Name: BRACEWELL & GIULIANI LLP</p> <p>Address Line 1: P.O. BOX 61389</p> <p>Address Line 4: HOUSTON, TEXAS 77208-1389</p>											
ATTORNEY DOCKET NUMBER:	004159.003084										
NAME OF SUBMITTER:	Constance Gall Rhebergen										
<p>Total Attachments: 6</p> <p>source=SA584_Assignment#page1.tif</p>											

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PATENT
REEL: 023365 FRAME: 0852

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**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Raheel Shafi
Esam Z. Hamad
Stephane Cyrille Kressmann
Ali Hussain Alzaid

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 10/04/09; 09/29/09; 09/29/09; 10/07/09

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Saudi Arabian Oil Company

Internal Address: _____

Street Address: 1 Eastern Avenue

City: Dhahran

State: _____

Country: Saudi Arabia Zip: 31311

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.
A. Patent Application No.(s)
B. Patent No.(s)

12/502,357

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Constance Gall Rhebergen

Internal Address: Bracewell & Giuliani LLP

Street Address: 711 Louisiana St., Suite 2300

City: Houston

State: Texas Zip: 77002

Phone Number: (713) 221-3306

Fax Number: (713) 222-3291

Email Address: Constance.Rhebergen@bgllp.com

6. Total number of applications and patents involved: one

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

- ☐ Authorized to be charged to deposit account
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number _____

Authorized User Name _____

9. Signature:

/Constance Gall Rhebergen/
Signature

October 13, 2009
Date

Constance Gall Rhebergen
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

6

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, V.A. 22313-1450

**PATENT
REEL: 023365 FRAME: 0854**

ASSIGNMENT

WHEREAS, WE, Raheel Shafi, a citizen of Great Britain, Esam Z. Hamad, a U.S. resident, Stéphane Cyrille Kressmann, a citizen of France, and Ali Hussain Alzaid, a citizen of Saudi Arabia, are the sole inventors of PROCESS FOR THE TREATMENT OF HEAVY OILS USING LIGHT HYDROCARBON COMPONENTS AS DILUENT, for which application for United States Letters Patent was filed on July 14, 2009 and assigned Serial Number 12/502,357; and

WHEREAS, SAUDI ARABIAN OIL COMPANY, a Company with Limited Liability of Saudi Arabia, with a business address of 1 Eastern Avenue, Dhahran 31311, Saudi Arabia, hereafter "SAUDI ARAMCO", is desirous of acquiring the entire right, title and interest in and to the aforesaid invention throughout the world, and all right, title and interest in, to and under any and all Letters Patent of the United States and all other countries throughout the world;

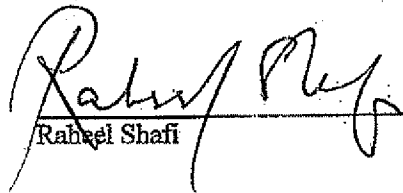
NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to us in hand paid by SAUDI ARAMCO and for other good and valuable considerations, the receipt of which is hereby acknowledged, we hereby sell, assign, transfer and set over to SAUDI ARAMCO, all right, title and interest in and to the said invention throughout the world, and said application for U.S. Letters Patent, and any and all divisions, continuations, reexaminations and reissues thereof, and any and all Letters Patent of the United States and foreign countries which may be granted therefor, the same to be held and enjoyed by them for their own use and benefit, and for the use and benefit of their successors, assigns, or other legal representatives, to the end of the term or terms for which said Letters Patent of the United States or foreign countries are or may be granted, reexamined or reissued, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application and from any and all divisions, continuations, and reissues thereof, to SAUDI ARAMCO, as assignee of our entire interest, and hereby covenant that we have the full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith.

And we further hereby covenant and agree that we will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title of said invention and to such Letters Patent as may be granted therefor, to SAUDI ARAMCO, its successors, assigns, or other legal representatives and that if SAUDI ARAMCO shall desire to file any divisional or continuation applications or to secure a reexamination or reissue of such Letters Patent, or to file a disclaimer relating thereto, will upon request, sign all papers, make all rightful oaths and do all lawful acts requisite for the filing of such divisional or continuation application, or such application for reissue and the procuring thereof, and for the filing of such disclaimer, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

And we do further covenant and agree that we will, at any time upon request, communicate to SAUDI ARAMCO, its successors, assigns or other legal representatives, such facts relating to said invention and Letters Patent or the file history thereof as may be known to us, and testify as to the same in any interference or other litigation when requested so to do, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

EXECUTED THIS 4 day of October, 2009.


Rahmel Shafi

Docket No. 004159.003084

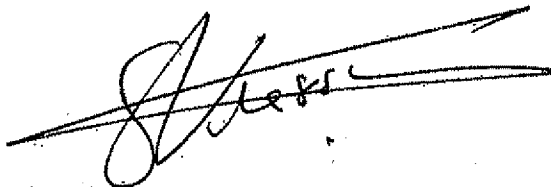
EXECUTED THIS 29 day of September, 2009.

Esam Hamad

Esam Z. Hamad

Docket No. 004159.003084

EXECUTED THIS 29 day of September, 2009.

A handwritten signature in black ink, appearing to read "Stephane", written over a horizontal line.

Stephane Cyrille Kressmann

Docket No. 004159.003084

EXECUTED THIS 7 day of October, 2009.



Ali Hussain Alzaid