

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Essam SAYED</td> <td>06/16/2013</td> </tr> <tr> <td>Raheel SHAFI</td> <td>05/21/2013</td> </tr> <tr> <td>Abdul Rahman Zafer AKHRAS</td> <td>06/16/2013</td> </tr> <tr> <td>Abdenmour BOURANE</td> <td>06/16/2013</td> </tr> <tr> <td>Ibrahim ABBA</td> <td>06/18/2013</td> </tr> </tbody> </table>		Name	Execution Date	Essam SAYED	06/16/2013	Raheel SHAFI	05/21/2013	Abdul Rahman Zafer AKHRAS	06/16/2013	Abdenmour BOURANE	06/16/2013	Ibrahim ABBA	06/18/2013
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Abdenmour BOURANE	06/16/2013												
Ibrahim ABBA	06/18/2013												
RECEIVING PARTY DATA													
Name:	SAUDI ARABIAN OIL COMPANY												
Street Address:	Box 5000												
City:	Dhahran												
State/Country:	SAUDI ARABIA												
Postal Code:	31311												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13847959</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13847959								
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Application Number:	13847959												
CORRESPONDENCE DATA													
Fax Number:	2129499190												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	2129499022												
Email:	fmalikouzakis@lawabel.com												
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Address Line 1:	666 Third Avenue												
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ATTORNEY DOCKET NUMBER:	212,616-SA331												
NAME OF SUBMITTER:	Ralph J. Crispino												

CH \$40.00 13847959

Signature:	/Ralph J. Crispino/
Date:	08/23/2013
Total Attachments: 2 source=212618_Signed Assignment#page1.tif source=212618_Signed Assignment#page2.tif	

UNITED STATES

ASSIGNMENT FROM INVENTOR

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned Assignor:

- Essam SAYED - P.O. Box 12474, Saudi Aramco, Dhahran 31311, Saudi Arabia
- Raheel SHAFI - P.O. Box 8925, Saudi Aramco, Dhahran 31311, Saudi Arabia
- Abdul Rahman Zafer AKHRAS - P.O. Box 11217, Saudi Aramco, Dhahran 31311, Saudi Arabia
- Abdenmour BOURANE - P.O. Box 1634, Saudi Aramco, Ras Tanura, Saudi Arabia
- Ibrahim ABBA - P.O. Box 14043, Saudi Aramco, Dhahran 31311, Saudi Arabia

hereby sells, assigns and transfers to Assignee:

Saudi Arabian Oil Company
 Box 5000
 Dhahran 31311
 Saudi Arabia

its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to, and any and all improvements which are disclosed in

U.S. Patent Application Serial No. 13/847,959 filed March 20, 2013 and entitled

INTEGRATED HYDROPROCESSING, STEAM PYROLYSIS AND SLURRY HYDROPROCESSING OF CRUDE OIL TO PRODUCE PETROCHEMICALS


and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all other foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements.

The Assignee may apply for and receive the Letters Patent in its own name. When requested by the Assignee or its successors, the undersigned Assignor(s) will execute all other patent applications, proper oaths, assignments, powers of attorney, or other papers and communicate all facts known to him/her relating to the improvements and the history thereof; and generally do everything possible which the Assignee or its successors shall consider desirable for aiding in securing and maintaining proper patent protection for the improvements and for vesting title in the Assignee or its successors.

Assignor warrants that he/she has the full right to convey the rights and property described herein and no assignment, grant, mortgage or license or other agreement affecting such rights and property has been made to other by the undersigned.

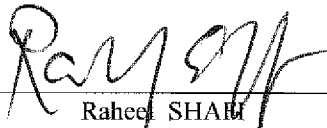
ASSIGNOR

Dated: 06/16/13

By 


 Essam SAYED

Dated: 05/21/13

By 

 Raheel SHAFI


Dated: 06/16/13

By 

 Abdul Rahman Zafer AKHRAS

Assignment of Non-Provisional Application
AFS: 212,616 / SA331

Dated: 06/16/2013

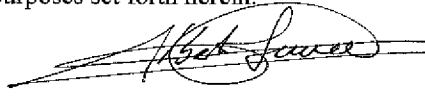
By 
Abdenmour BOURANE

Dated:

By 
Ibrahim ABB

The undersigned declares that he (she) was personally present and did see the above-named individual execute this Assignment of his (her) own free will for the purposes set forth herein.

ABELMAN, FRAYNE & SCHWAB
666 Third Avenue
New York, New York 10017-5621

By 
Name ALBERTO LOZANO BALLESTEROS
Address P.O. Box 7267, Saudi Aramco
Dhahran 31311, Saudi Arabia.