

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>Ibrahim Abba</td><td>08/09/2011</td></tr><tr><td>Aadesh Harale</td><td>08/09/2011</td></tr><tr><td>Stephan Ralf Vogel</td><td>08/09/2011</td></tr><tr><td>Wei Xu</td><td>08/09/2011</td></tr></tbody></table>	Name	Execution Date	Ibrahim Abba	08/09/2011	Aadesh Harale	08/09/2011	Stephan Ralf Vogel	08/09/2011	Wei Xu	08/09/2011	
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Ibrahim Abba	08/09/2011										
Aadesh Harale	08/09/2011										
Stephan Ralf Vogel	08/09/2011										
Wei Xu	08/09/2011										
RECEIVING PARTY DATA											
Name:	Saudi Arabian Oil Company										
Street Address:	1 Eastern Avenue										
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>13207122</td></tr></tbody></table>	Property Type	Number	Application Number:	13207122							
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Application Number:	13207122										
CORRESPONDENCE DATA											
Fax Number: (713)222-3291 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 713-221-1439											
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ATTORNEY DOCKET NUMBER:	004159.007014										
NAME OF SUBMITTER:	Michael F. Hay										
Total Attachments: 5 source=13207122_Assignment#page1.tif source=13207122_Assignment#page2.tif source=13207122_Assignment#page3.tif source=13207122_Assignment#page4.tif source=13207122_Assignment#page5.tif											

OP \$40.00 13207122

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PATENT
REEL: 026813 FRAME: 0686

ASSIGNMENT

WHEREAS, WE, Ibrahim Abba, a citizen of Canada, Aadesh Harale, a citizen of India, Stephan Ralf Vogel, a citizen of Germany, and Wei Xu, a citizen of Canada, are the sole inventors of a OLEFIN HYDRATION PROCESS WITH AN INTEGRATED MEMBRANE REACTOR, for which application for United States Letters Patent was filed August 10, 2011 and assigned Serial No. 13/207,122; 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;

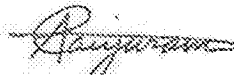
NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to us in hand paid by SAUDI ARAMCO and for other good and valuable considerations, the receipt of which is hereby acknowledged, we hereby sell, assign, transfer and set over to SAUDI ARAMCO, all right, title and interest in and 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 9th day of August, 2011.



Ibrahim Abba

EXECUTED THIS 9th day of August, 2011.

Aadesh Harale
Aadesh Harale

EXECUTED THIS 9th day of August, 2011.



Stephan Ralf Vogel

EXECUTED THIS 9th day of August, 2011.



Wei Xu