

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>Mr. MUHAMMAD IMTIAZ HOSSAIN</td> <td>05/16/2012</td> </tr> <tr> <td>Dr. TAREK AHMED HELMY EL-BASUNY</td> <td>05/16/2012</td> </tr> <tr> <td>Dr. ABDULAZEEZ ABDULRAHEEM</td> <td>05/16/2012</td> </tr> <tr> <td>Dr. MOUSTAFA ELSHAFEI</td> <td>05/16/2012</td> </tr> <tr> <td>Dr. LAHOUARI GHOUTI</td> <td>05/16/2012</td> </tr> <tr> <td>Dr. AMAR KHOUKI</td> <td>05/16/2012</td> </tr> <tr> <td>Dr. SYED MASIUR RAHMAN</td> <td>05/16/2012</td> </tr> <tr> <td>Dr. MD. RAFIUL HASSAN</td> <td>05/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	Mr. MUHAMMAD IMTIAZ HOSSAIN	05/16/2012	Dr. TAREK AHMED HELMY EL-BASUNY	05/16/2012	Dr. ABDULAZEEZ ABDULRAHEEM	05/16/2012	Dr. MOUSTAFA ELSHAFEI	05/16/2012	Dr. LAHOUARI GHOUTI	05/16/2012	Dr. AMAR KHOUKI	05/16/2012	Dr. SYED MASIUR RAHMAN	05/16/2012	Dr. MD. RAFIUL HASSAN	05/16/2012
Name	Execution Date																		
Mr. MUHAMMAD IMTIAZ HOSSAIN	05/16/2012																		
Dr. TAREK AHMED HELMY EL-BASUNY	05/16/2012																		
Dr. ABDULAZEEZ ABDULRAHEEM	05/16/2012																		
Dr. MOUSTAFA ELSHAFEI	05/16/2012																		
Dr. LAHOUARI GHOUTI	05/16/2012																		
Dr. AMAR KHOUKI	05/16/2012																		
Dr. SYED MASIUR RAHMAN	05/16/2012																		
Dr. MD. RAFIUL HASSAN	05/16/2012																		
RECEIVING PARTY DATA																			
<table border="1"> <tr> <td>Name:</td> <td>KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS</td> </tr> <tr> <td>Street Address:</td> <td>P.O. BOX 5041</td> </tr> <tr> <td>Internal Address:</td> <td>INTELLECTUAL ASSETS OFFICE, INNOVATION CENTER</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>31261</td> </tr> </table>		Name:	KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS	Street Address:	P.O. BOX 5041	Internal Address:	INTELLECTUAL ASSETS OFFICE, INNOVATION CENTER	City:	DHAHRAN	State/Country:	SAUDI ARABIA	Postal Code:	31261						
Name:	KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS																		
Street Address:	P.O. BOX 5041																		
Internal Address:	INTELLECTUAL ASSETS OFFICE, INNOVATION CENTER																		
City:	DHAHRAN																		
State/Country:	SAUDI ARABIA																		
Postal Code:	31261																		
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>13479025</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13479025														
Property Type	Number																		
Application Number:	13479025																		
CORRESPONDENCE DATA																			
Fax Number:	(703)486-7000																		
Phone:	703-486-1000																		
Email:	rlyons@litmanlaw.com																		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>																			
Correspondent Name:	LITMAN LAW OFFICES, LTD.																		
Address Line 1:	PATENT LAW BUILDING																		
Address Line 2:	8955 CENTER STREET																		

OP \$40.00 13479025

Address Line 4: MANASSAS, VIRGINIA 20110

ATTORNEY DOCKET NUMBER:

33000.40

NAME OF SUBMITTER:

ROBERT B. LYONS

Total Attachments: 3

source=33000\_40\_assignment#page1.tif

source=33000\_40\_assignment#page2.tif

source=33000\_40\_assignment#page3.tif

ASSIGNMENT

WHEREAS, MUHAMMAD IMTIAZ HOSSAIN, a citizen/citizens of Bangladesh, residing at/whose address is KFUPM, P.O. Box 1086, Jeddah, Khulais 21921, SAUDI ARABIA; TAREK AHMED HELMY EL-BASUNY, a citizen/citizens of Egypt, residing at/whose address is P.O. Box 413, Dhahran 31261, SAUDI ARABIA; ABDULAZEEZ ABDULRAHEEM, a citizen/citizens of India, residing at/whose address is P.O. Box 1105, Dhahran 31261, SAUDI ARABIA; MOUSTAFA ELSHAFAI, a citizen/citizens of Canada, residing at/whose address is P.O. Box 405, Dhahran 31261, SAUDI ARABIA; LAHOUARI GHOUTI, a citizen/citizens of Algeria, residing at/whose address is P.O. Box 1128, Dhahran 31261, SAUDI ARABIA; AMAR KHOUKHI, a citizen/citizens of Canada, residing at/whose address is P.O. Box 458, Dhahran 31261, SAUDI ARABIA; SYED MASIUR RAHMAN, a citizen/citizens of Bangladesh, residing at/whose address is P.O. Box 713, Dhahran 31261, SAUDI ARABIA; MD. RAFIUL HASSAN, a citizen/citizens of Australia, residing at/whose address is P.O. Box 478, Dhahran 31261, SAUDI ARABIA, hereinafter called the "Assignor(s)", who presently own(s) the invention entitled METHOD OF PREDICTING GAS COMPOSITION, for a full description of which reference is made to a non-provisional application for Letters Patent of the United States Serial Number \_\_\_\_\_ (to be assigned) filed on \_\_\_\_\_, 20\_\_\_\_, (filed herewith under Attorney Docket No. 33000.40), and

WHEREAS, KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS, a university organized and existing under the laws of the Nation of SAUDI ARABIA, having its principal place of business/business address at DHAHRAN, 31261, SAUDI ARABIA, hereinafter called the "Assignee" is desirous of acquiring the entire right, title and interest in and to said invention, the above noted application, and to any Letters Patent which may be obtained for said invention, and as hereinafter more fully set forth,

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that for and in the consideration of the sum of One Dollar (\$1.00) and other valuable and legally sufficient consideration, the receipt of which by said Assignor(s) from said Assignee is hereby acknowledged, the said Assignor(s) has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, the entire right, title and interest in the United States to the invention and above noted application, and any Letters Patent of the United States that may issue for said invention, together with the entire right, title and interest in and to said invention and applications for Letters Patent and Letters Patent therefor in all countries foreign to the United States; to have and to hold for the sole and exclusive use and benefit of the said Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said invention may issue.

AND the said Assignor(s) does/do hereby covenant and agree, for himself/themselves and his/their legal representatives, that he/they will assist said Assignee in making and prosecuting any other applications for Letters Patent that the said Assignee may elect to make covering the

invention herein identified, as hereinbefore set forth, investing in the said Assignee like exclusive title in and to all such other applications and Letters Patent, together with all claims for damages and profits by reason of past infringement of all or any of the patents issuing from the Patent Application, with the right to sue for and collect same for Assignee's own use (and for the use of Assignee's successors and assigns); and in the prosecution of any interference which may arise involving said invention, or any application for Letters Patent herein contemplated; and that he/they will execute and deliver to the said Assignee any and all additional papers which may be requested by the said Assignee to fully carry out the terms of this agreement.

AND the Commissioner of Patents and Trademarks is hereby authorized and requested to issue Letters Patent to the said Assignee in accordance with the terms of this agreement.

IN TESTIMONY WHEREOF, said Assignor, MUHAMMAD IMTIAZ HOSSAIN, has hereunto set his hand and affixed his seal this 16<sup>th</sup> day of May, 2012

Md. Imtiaz Hossain [SEAL]  
MUHAMMAD IMTIAZ HOSSAIN

IN TESTIMONY WHEREOF, said Assignor, TAREK AHMED HELMY EL-BASUNY, has hereunto set his hand and affixed his seal this 16<sup>th</sup> day of May, 2012

Tarek Helw [SEAL]  
TAREK AHMED HELMY EL-BASUNY

IN TESTIMONY WHEREOF, said Assignor, ABDULAZEEZ ABDULRAHEEM, has hereunto set his hand and affixed his seal this 16<sup>th</sup> day of May, 2012

Abdulazeez Abdulraheem [SEAL]  
ABDULAZEEZ ABDULRAHEEM

IN TESTIMONY WHEREOF, said Assignor, MOUSTAFA ELSHAFEI, has hereunto set his hand and affixed his seal this 16<sup>th</sup> day of May, 2012

M. Elshafi [SEAL]  
MOUSTAFA ELSHAFEI

IN TESTIMONY WHEREOF, said Assignor, LAHOUARI GHOUTI, has hereunto set his hand and affixed his seal this 16<sup>th</sup> day of May, 2012.

 [SEAL]  
LAHOUARI GHOUTI

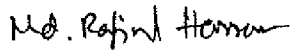
IN TESTIMONY WHEREOF, said Assignor, AMAR KHOUKHI, has hereunto set his hand and affixed his seal this 16<sup>th</sup> day of May, 2012.

 [SEAL]  
AMAR KHOUKHI

IN TESTIMONY WHEREOF, said Assignor, SYED MASIUR RAHMAN, has hereunto set his hand and affixed his seal this 16<sup>th</sup> day of May, 2012.

 [SEAL]  
SYED MASIUR RAHMAN

IN TESTIMONY WHEREOF, said Assignor, MD. RAFIUL HASSAN, has hereunto set his hand and affixed his seal this 16<sup>th</sup> day of May, 2012.

 [SEAL]  
MD. RAFIUL HASSAN