

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT
EFFECTIVE DATE:	11/04/2009
CONVEYING PARTY DATA	
Name	Execution Date
SAUDI ARABIAN OIL COMPANY	11/04/2009
RECEIVING PARTY DATA	
Name:	KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS
Street Address:	P.O. Box 807
City:	Dhahran
State/Country:	SAUDI ARABIA
Postal Code:	31261
PROPERTY NUMBERS Total: 4	
Property Type	Number
Application Number:	61258119
Application Number:	12938432
Application Number:	13508083
PCT Number:	US2010055236
CORRESPONDENCE DATA	
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Total Attachments: 2 source=210610_Assignment#page1.tif source=210610_Assignment#page2.tif	

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# ASSIGNMENT OF JOINT PATENT INTEREST

THIS ASSIGNMENT, effective the 4th day of November 2009 and between **SAUDI ARABIAN OIL COMPANY**, a company of limited liability created by Royal Decree according to the laws of the Kingdom of Saudi Arabia, with an office at 1 Eastern Avenue, Dhahran, 31311 Saudi Arabia (hereinafter referred to as ASSIGNOR), and **KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS**, located in Dhahran, Saudi Arabia, (hereinafter referred to as ASSIGNEE).

WHEREAS, ASSIGNOR and ASSIGNEE have engaged in various joint and cooperative research projects through their respective employees and/or consultants;

WHEREAS, ASSIGNOR is the record owner of the entire right, title and interest in and to certain patent applications and/or patents identified in the attached Schedule A (hereinafter referred to collectively as the "Patent Rights"); and

WHEREAS, ASSIGNEE IS desirous of obtaining an undivided joint interest in, to and under the Patent Rights.

NOW, THEREFORE, in consideration of the sum of One Hundred (€100) Euros and other good and valuable consideration, the receipt of which is hereby acknowledged, the ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the ASSIGNEE its successors, legal representatives and assigns, as of the effective date recited above, an undivided one-half (1/2) joint interest in, to and under the Patent Rights, and ASSIGNOR retains for itself a like interest.

AND ASSIGNOR hereby covenants that it has full right to convey the joint interest herein assigned, and that it has not executed, and will not execute, any agreement in conflict herewith.

IN WITNESS WHEREOF, the said ASSIGNOR and ASSIGNEE have caused their respective duly authorized officers to execute this Assignment.

SAUDI ARABIAN OIL COMPANY

By

Name: **DAVID B. KULTGEN**

Title: **GENERAL COUNSEL AND  
CORPORATE SECRETARY**

Executed: May 1, 2012

KING FAHD UNIVERSITY OF  
PETROLEUM AND MINERALS

By

Name: **Dr. Iyad Al-Zaharnah**

Title: **Director, Innovation Center**

Executed: May 3, 2012

**SCHEDULE A**

<u>Country/Region</u>	<u>Application No.</u>	<u>Effective Filing Date</u>
United States	61/258,119	November 4, 2009
United States	12/938,432	November 3, 2010
United States	13/508,083	May 4, 2012
PCT	PCT/US2010/055236	November 3, 2010
GCC	2010/17064	November 6, 2010
EPO	10829005.7	November 3, 2010