PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Zhenhua Mao	05/23/2011

RECEIVING PARTY DATA

Name:	ConocoPhillips Company
Street Address:	600 N. Dairy Ashford
Internal Address:	ML 1065
City:	Houston
State/Country:	TEXAS
Postal Code:	77079

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13083094

CORRESPONDENCE DATA

Fax Number: (281)293-2127

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Correspondent Name: ConocoPhillips Company IP Services Group

Address Line 1: 600 N. Dairy Ashford Address Line 2: Bldg. ML-1065

Address Line 4: Houston, TEXAS 77079

ATTORNEY DOCKET NUMBER: 41326

NAME OF SUBMITTER: Richard Yuen

Total Attachments: 3

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> PATENT REEL: 026349 FRAME: 0973

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Assignment of Rights, Title and Interest in Invention

Docket No.: 41326US

As tl	he below named inventor(s), I/we declare that this is an Assignment of the rights, title and
inter	est in the following invention:
	Rights, title and interest in the invention including United States applications and patents
Х	United States Provisional Patent Application Serial No. <u>61/322052</u> filed <u>04-08-2010.</u>
Х	United States Utility Patent Application Serial No. <u>13/083094</u> filed <u>04-08-2011.</u>
	United States Patent No(s).
Χ	Foreign rights, title and interest in the invention including international applications and
	patents
Χ	International (PCT) Patent Application Serial No. <u>PCT/US11/31766</u> filed <u>04-08-2011.</u>
	Other (specify)

Title of the Invention

METHODS OF PREPARING CARBONACEOUS MATERIAL

Whereas, I/we, the below-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

I/we desire to assign our above-identified rights, title and interest in the Invention to the below-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

I/we hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

I/we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right title and interest thereto;

I/we agree to sign and execute all necessary and lawful documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

PATENT REEL: 026349 FRAME: 0974

Assignment of Rights, Title and Interest in Invention Docket No.: 41326US

I/we declare under penalty of perjury under the laws of the United States of America that the foregoing is true and correct and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signature: Citizenship: US Date:	Assignors First Inventor: Zhenhua Mao			
Residence: Citizenship: Date:				
Signature: Third Inventor: Signature: Citizenship: Date: Fourth Inventor: Signature: Citizenship: Date: Fourth Inventor: Signature: Citizenship: Date: Citizenship: Date: Assignee Name: ConocoPhillips Company Mailing Address: 600 North Dairy Ashfort Houston, Texas 77079-1175 United States of America				
Third Inventor: Signature: Citizenship: Pourth Inventor: Signature: Citizenship: Date: Signature: Citizenship: Date: Assignee Name: ConocoPhillips Company Mailing Address: Houston, Texas 77079-1175 United States of America			Date:	
Signature: Fourth Inventor: Signature: Citizenship: Citizenship: Date: Assignee Name: ConocoPhillips Company Mailing Address: Houston, Texas 77079-1175 United States of America				
Fourth Inventor: Signature: Citizenship: Assignee Name: ConocoPhillips Company Mailing Address: 600 North Dairy Ashford Houston, Texas 77079-1175 United States of America			Date:	
Signature:				
Assignee Name: ConocoPhillips Company Mailing Address: 600 North Dairy Ashford Houston, Texas 77079-1175 United States of America		•	Date:	
Name: ConocoPhillips Company Mailing Address: 600 North Dairy Ashford Houston, Texas 77079-1175 United States of America	<u> </u>			
	Name: ConocoPhillips Company	<u>Ho</u>	ouston, Texas 77079-1175	

PATENT REEL: 026349 FRAME: 0975

Assignment of Rights, Title and Interest in Invention	Docket No.: 41326US
Notarization Executed this 23 day of May in the year 2011 At Conoco Phillips (city) Porra City State of Oklahoma County of May Before me personally appeared Zhenhua Mao	(State)
who acknowledged the foregoing instrument to be a free act and dee that he or she is authorized to execute the same this <u>13</u> day of <u>May</u> in th	
Nebrah R. Freed (Notary Public)	>
DAH /	
[SEAL] COMM. 9 09009102 EXPIRES 11/02/13 ANAMO FOR OF OKLAND COUNTY	
My Commission Expires:	
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RECORDED: 05/26/2011

PATENT REEL: 026349 FRAME: 0976