

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>Zhichang LIU</td> <td>02/24/2012</td> </tr> <tr> <td>Chunming XU</td> <td>02/24/2012</td> </tr> <tr> <td>Rui ZHANG</td> <td>02/24/2012</td> </tr> <tr> <td>Xianghai MENG</td> <td>02/24/2012</td> </tr> <tr> <td>Ana Cecilia PATRONI</td> <td>02/03/2012</td> </tr> <tr> <td>Peter Anton August KLUSENER</td> <td>02/03/2012</td> </tr> <tr> <td>Albertus Vincentius Petrus VAN DEN BOSCH</td> <td>03/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	Zhichang LIU	02/24/2012	Chunming XU	02/24/2012	Rui ZHANG	02/24/2012	Xianghai MENG	02/24/2012	Ana Cecilia PATRONI	02/03/2012	Peter Anton August KLUSENER	02/03/2012	Albertus Vincentius Petrus VAN DEN BOSCH	03/16/2012
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RECEIVING PARTY DATA																	
Name:	SHELL OIL COMPANY																
Street Address:	P.O. BOX 2463																
Internal Address:	ONE SHELL PLAZA																
City:	Houston																
State/Country:	TEXAS																
Postal Code:	772522463																
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>13388470</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13388470												
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Application Number:	13388470																
CORRESPONDENCE DATA																	
Fax Number:	(713)241-6617																
Phone:	7132415581																
Email:	cathy.callen@shell.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:	SHELL OIL COMPANY																
Address Line 1:	P O BOX 2463																
Address Line 2:	ONE SHELL PLAZA																
Address Line 4:	HOUSTON, TEXAS 772522463																

CH \$40.00 13388470

PATENT

ATTORNEY DOCKET NUMBER:	TS2312USAP
NAME OF SUBMITTER:	Charles W. Stewart
Total Attachments: 3 source=TS2312-assignment#page1.tif source=TS2312-assignment#page2.tif source=TS2312-assignment#page3.tif	

ASSIGNMENT

WHEREAS I/we,

LIU, Zhichang
XU, Chunming
ZHANG, Rui
MENG, Xianghai
PATRONI, Ana, Cecilia
KLUSENER, Peter, Anton, August
VAN DEN BOSCH, Albertus, Vincentius, Petrus

have invented a certain improvement in

PROCESS FOR PREPARING AN ALKYLATE

WHEREAS I/we have executed an application for Letters Patent in the United States in connection with this invention.

WHEREAS, SHELL OIL COMPANY and CHINA UNIVERSITY OF PETROLEUM (hereinafter called "ASSIGNEES") are desirous of acquiring all rights to this invention in the United States:

NOW THEREFORE for valuable consideration received, I/we hereby assign to the ASSIGNEES, their successors and assigns, all rights to this invention in the United States of America, including all rights in the above-mentioned application and any patent which may be issued thereon in the United States and any other application which may be filed or patent which may be issued in the United States.

AND I/we hereby agree that I/we will upon request execute any instrument which the ASSIGNEES desire to carry this assignment into effect and perfect the title transferred hereby to prosecute the above-mentioned application.

AND the Commissioner of Patents of the United States is hereby authorized to issue Letters Patent of said application to the Assignee.

Dated this 24th day of February 2012

LIU	>	Zhichang, Li	2 witnesses: Diapwei	Zhentao Chen
XU	>	Chunming Xu	2 witnesses: Diapwei	Zhentao Chen
ZHANG,	>	Rui Zhang	2 witnesses: Diapwei	Zhentao Chen
MENG	>	Xianghai Meng	2 witnesses: Diapwei	Zhentao Chen
PATRONI	>	2 witnesses:	
KLUSENER	>	2 witnesses:	
VAN DEN BOSCH	>	2 witnesses:	

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Dated this 3rd day of February 2012.

LIU > 2 witnesses:

XU > 2 witnesses:

ZHANG, > 2 witnesses:

MENG > 2 witnesses:

PATRONI > 2 witnesses:

KLUSENER > 2 witnesses:

VAN DEN BOSCH > 2 witnesses:

Anton Klusener
Peter Klusener

Meng Xianghai
Patroni Ana Cecilia
Stetson

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Dated this 16th day of March 2012

LIU > 2 witnesses:

XU > 2 witnesses:

ZHANG, > 2 witnesses:

MENG > 2 witnesses:

PATRONI > 2 witnesses:

KLUSENER > 2 witnesses: *Alfred Boschveld Don*

VAN DEN BOSCH > *Alfred Boschveld Don* 2 witnesses: *Anton*

PATENT