

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>George A. HADJIGEORGE</td> <td>11/03/2009</td> </tr> <tr> <td>Weijian MO</td> <td>11/02/2009</td> </tr> <tr> <td>Colin John SCHAUVERIEN</td> <td>11/02/2009</td> </tr> </tbody> </table>		Name	Execution Date	George A. HADJIGEORGE	11/03/2009	Weijian MO	11/02/2009	Colin John SCHAUVERIEN	11/02/2009				
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<b>RECEIVING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>SHELL OIL COMPANY</td> </tr> <tr> <td>Street Address:</td> <td>One Shell Plaza</td> </tr> <tr> <td>Internal Address:</td> <td>P.O. Box 2463</td> </tr> <tr> <td>City:</td> <td>Houston</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>77252-2463</td> </tr> </table>		Name:	SHELL OIL COMPANY	Street Address:	One Shell Plaza	Internal Address:	P.O. Box 2463	City:	Houston	State/Country:	TEXAS	Postal Code:	77252-2463
Name:	SHELL OIL COMPANY												
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City:	Houston												
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Postal Code:	77252-2463												
PROPERTY NUMBERS Total: 1													
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<b>CORRESPONDENCE DATA</b>													
<p>Fax Number: (713)241-6617</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 7132413529</p> <p>Email: barbara.fisher@shell.com</p> <p>Correspondent Name: SHELL OIL COMPANY</p> <p>Address Line 1: P O BOX 2463</p> <p>Address Line 2: One Shell Plaza</p> <p>Address Line 4: HOUSTON, TEXAS 772522463</p>													
ATTORNEY DOCKET NUMBER:	TH3192(US)												
NAME OF SUBMITTER:	Charles W. Stewart												
Total Attachments: 3													

CH \$40.00 12595742

**501115908**

**PATENT**  
**REEL: 024063 FRAME: 0073**

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ASSIGNMENT

WHEREAS I/we,

HADJIGEORGE, George A.  
MO, Weijian  
SCHAVERIEN, Colin John

have invented a certain improvement in

SYSTEMS AND METHODS FOR MAKING A MIDDLE DISTILLATE PRODUCT AND LOWER OLEFINS  
FROM A HYDROCARBON FEEDSTOCK


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

WHEREAS, SHELL OIL COMPANY, a Delaware Corporation, is desirous of acquiring all rights  
to this invention in the United States:

NOW THEREFORE for valuable consideration received, I/we hereby assign to SHELL OIL  
COMPANY, its 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 SHELL OIL  
COMPANY desires 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	Nov. 3, 2009	
HADJIGEORGE		> George Hadjigeorge	2 witnesses: 
MO		> .....	2 witnesses:
SCHAVERIEN		> .....	2 witnesses:

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Dated this Nov. 2, 2009

HADJIGEORGE > .....

2 witnesses:

MO > W. J. Mo

2 witnesses: J. A. Shaverien  
Colin John

SCHAVERIEN > .....

2 witnesses:

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Dated this 2 November 2009

HADJIGEORGE > .....

2 witnesses:

MO > .....

2 witnesses:

SCHAVERIEN > Colin Schaverien

2 witnesses:

MB  
J.V. Buistenen  
J.P. Haan