PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Maruti Bhandarkar	01/10/2013
Elizabeth A Benham	01/10/2013
Cartherine M Gill	01/10/2013
Rebecca A Gonzales	01/10/2013
Scott E Kufeld	01/14/2013
Joel A Mutchler	01/10/2013
Thanh T Nguyen	03/11/2013
Timothy O Odi	01/10/2013

RECEIVING PARTY DATA

Name:	Chevon Phillips Chemical Company, LP
Street Address:	10001 Six Pines Drive
City:	The Woodlands
State/Country:	TEXAS
Postal Code:	77380

PROPERTY NUMBERS Total: 1

	Property Type	Number
App	plication Number:	13717774

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 832-431-4058

Email: paralegal1@ljpklaw.com

Correspondent Name: CPC - Lee, Jorgensen, Pyle & Kewalramani

Address Line 1: 1800 Augusta Drive, Suite 250
Address Line 4: Houston, TEXAS 77057

ATTORNEY DOCKET NUMBER: 2003.000400 (211526)

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NAME OF SUBMITTER:	Jeffrey A. Pyle
Total Attachments: 8 source=executed assignment#page1.tif source=executed assignment#page2.tif source=executed assignment#page3.tif source=executed assignment#page4.tif source=executed assignment#page5.tif source=executed assignment#page6.tif source=executed assignment#page7.tif source=executed assignment#page8.tif	

<u>ASSIGNMENT</u>

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to Chevron Phillips Chemical Company, LP (the "Assignee"), a corporation of the State of Delaware, having a place of business at 10001 Six Pines Dr., The Woodlands, Texas 77380, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled "CHAIN TRANSFER AGENT REMOVAL BETWEEN POLYOLEFIN POLYMERIZATION REACTORS" as filed on December 18, 2012 as US Patent Application 13/717,774, and any divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will (1) execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

(Signature): Name: Maruti Bhandarkar	C. C.	je.	Date: 01/	10/:	2013
STATE OF TEXAS COUNTY OF Harmo	& 88. & 88.				
BEFORE ME, the undersigned authority, o Maruti Bhandarkar known to me to be the person we that he executed the same of his own free will for the same of his own free will be a same of					personally appeared and acknowledged to

RHONDA F. HOWELL lotary Public. State of Texas My Commission Expires July 20, 2016

Notary or Consular Officer

[SEAL]

(Signature): Name: Elizabeth Ann Benl	Benkan 1am	Date: 10, 2013	
STATE OF TEXAS	§ § ss.		
COUNTY OF HARRIS	§		
BEFORE ME, the undersigned auth Elizabeth Ann Benham known to me to be t to me that he executed the same of his own fre	he person whose name is su	day of <u>JANGARY</u> , 201 <u>3</u> , personally a abscribed to the foregoing instrument and acknown consideration therein expressed.	ppeared wledged
RHONDA F. HOWELL Notary Public, State of Texas		Rhonde J. Howard	
My Commission Expires July 20, 2016		Notary or Consular Officer	

(Signature): ON TREATE M. Gill	Date: 01/10/2013
Name: Catherine M. Gill	
STATE OF TEXAS §	}
COUNTY OF S	ss.
	Conference of the control of the con
BEFORE ME, the undersigned authority, on the Catherine M. Gill known to me to be the person whose	day of, 201 personally appeared
that he executed the same of his own free will for the pur	
Beau-discondition-	\wedge
RHONDA F. HOWELL Notary Public, State of Texas My Commission Expires	Khonle Q. Doniell
July 20, 201A	Notary or Consular Officer

(Signature): Name: Rebecca A. Gonzales	nyll.	Date: 1/10/13		
STATE OF TEXAS	§ § ss.			
COUNTY OF Hans	§ 55.			
BEFORE ME, the undersigned authority, on this				
RHONDA F. HOWELL Notary Public, State of Texas My Commission Expires July 20, 2016		Ronde J. Howell Notary or Consular Officer		

(Signature): Scott E. Kufeld Name: Scott E. Kufeld	Date: 1717 2013
STATE OF TEXAS COUNTY OF MONGONERY	§ § \$5. §
BEFORE ME, the undersigned authority, on the Scott E. Kufeld known to me to be the person whose that he executed the same of his own free will for the put	this
RHONDA P. FAIRCHILD Notary Public, State of Taxas My Commission Expires February 9, 2016	Records P. Fazi Add Notary or Consular Officer

(Signature): Name Joel A. Mutchler	Date: 1/10/13
STATE OF TEXAS § SCOUNTY OF HARRY §	s.
BEFORE ME, the undersigned authority, on this Joel A. Mutchler known to me to be the person whose nathat he executed the same of his own free will for the purpo	day of
RHONDA F. HOWELL Notary Public, State of Texas My Commission Expires July 20, 2016	Rhondo J. Hongell Notary or Consular Officer

(Signature): Name: Thanh T. Nguyen	<u> </u>	Date:	3-11-2013
STATE OF TEXAS COUNTY OF FARRIS	\$ \$ ss. 		
BEFORE ME, the undersigned auti Thanh T. Nguyen known to me to be the pe that he executed the same of his own free wil	erson whose name is subscribed t	to the foregoing inst	rument and acknowledged to me
RHONDA F. HOWELL Notary Public, State of Texas My Commission Expires July 20, 2016		<u> </u>	Howell sular Officer

(Signature): Name: Timothy O. Odi	
STATE OF TEXAS COUNTY OF WARRIS	§ § ss. §
BEFORE ME, the undersigned authority, o Timothy O. Odi known to me to be the person who that he executed the same of his own free will for the	n thisday of, 201>_, personally appeared ose name is subscribed to the foregoing instrument and acknowledged to me purposes and consideration therein expressed.
RHONDA F. HOWELL Notary Public, State of Texas My Commission Expires July 20, 2016	Chander J. Dewell Notary or Consular Officer

RECORDED: 03/20/2013