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	03/12/2013
Elizabeth A Benham	03/12/2013
Catherine M Gill	03/18/2013
Rebecca A Gonzales	03/12/2013
Scott E Kufeld	03/21/2013
Joel A Mutchler	03/12/2013
Thanh T Nguyen	03/13/2013
Timothy O. Odi	03/12/2013

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

	Property Type	Number
A	oplication Number:	13795033

CORRESPONDENCE DATA

502280746

Fax Number:

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

832-813-4642 Phone: Email: jpyle@ljpklaw.com

Lee, Jorgensen, Pyle & Kewalramani PC Correspondent Name:

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ATTORNEY DOCKET NUMBER: 2003.000700 (211565)

NAME OF SUBMITTER:	Michael E. Lee
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	

ASSIGNMENT

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 "POLYOLEFIN PRODUCTION WITH DIFFERENT DILUENTS IN MULTIPLE POLYMERIZATION REACTORS" as filed on March 12, 2013 as US Patent Application 13/795,033, 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 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): 770. /Shendelc Name: Maruti Bhandarkar	
STATE OF TEXAS COUNTY OF Hame	§ § ss. §
BEFORE ME, the undersigned authority, on Maruti Bhandarkar known to me to be the person wh me that he executed the same of his own free will for the	thisday of, 2013, personally appeared nose name is subscribed to the foregoing instrument and acknowledged to e purposes and consideration therein expressed.
RHONDA F. HOWELL Notary Public, State of Texas My Commission Expires July 20, 2016	Rande J. Howelf Notary or Consular Officer

[SEAL]

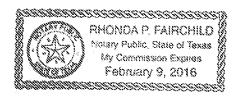
(Signature): Name: Elizabeth Ann Benham	Lam Date: 1/10x 12, 2013
STATE OF TEXAS COUNTY OF Harm	§ § \$5. . §
Elizabeth Ann Benham known to me to be the p	day of made, 2013, personally appeare erson whose name is subscribed to the foregoing instrument and acknowledge of the purposes and consideration therein expressed.
RHONDA F. HOWELL Notary Public, State of Texas My Commission Expires July 20, 2016	Notary or Consular Officer

Date: <u>31/8/30/3</u>
§
§ 55.
thority, on thisday of
Rhorde 3. Howas

(SEAL)

(Signature): Name: Rebecca A. Gonzales	9a4 Date: 3/12/2013
STATE OF TEXAS COUNTY OF Farm	§ \$ \$s. §
BEFORE ME, the undersigned authority, on Rebecca A. Gonzales known to me to be the person we me that he executed the same of his own free will for the	thisday of
RHONDA F. HOWELL Notary Public, State of Texas My Commission Expires	Rhonde A Honeu Notary or Consular Officer

(Signature): Scott E. Sufeld	Date: 25 Mach 13
STATE OF TEXAS COUNTY OF MONTGONERY \$ ss.	
BEFORE ME, the undersigned authority, on this Scott E. Kufeld known to me to be the person whose name that he executed the same of his own free will for the purposes	day of MARCH
	Phonda P. Pain Lill Notary or Consular Officer



(Signature): Joel A. Mutchler	Date: 3/12/13
STATE OF TEXAS COUNTY OF # S ss.	
BEFORE ME, the undersigned authority, on this	day of <u>Nuch</u> , 2013, personally appeared e is subscribed to the foregoing instrument and acknowledged to me s and consideration therein expressed.
RHONDA F. HOWELL Notary Public, State of Texas My Commission Expires July 20, 2016	Notary or Consular Officer

(Signature): Name: Thanh T. Nguyen	Contraction of the second	Date: 3-13	- 2013
Name: Thanh T. Nguyen			
STATE OF T E X A S	Ş		
COUNTY OF HAREIS	§ ss.		
	ž		
BEFORE ME, the undersigned authority	y, on this 3th de	y of March	, 201⊕, personaliv
appeared Thanh T. Nguyen known to me to I	be the person whose name	is subscribed to the fore	going instrument and
acknowledged to me that he executed the same of	nis own free will for the pur	poses and consideration the	rem expressed.
		0.	
RHONDA F. HOWELL Notary Public, State of Texas		Khonde J. Hr	rvell
My Commission Expires		Notary or Consular Off	icer

(Signature): Name: Timothy O. Odi		Date:	3/12/13	··········
STATE OF TEXAS COUNTY OF ARRIS	§ § ss. §			
BEFORE ME, the undersigned authority Timothy O. Odi known to me to be the person that he executed the same of his own free will for	whose name is subscribe	ed to the foregoing in	strument and acknowledg	
RHONDA F. HOWELL Notary Public, State of Texas My Commission Expires July 20, 2016	annanana.	Runde 3 Notary or C	Sonsular Officer	

RECORDED: 03/21/2013