502242578 02/25/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Elizabeth A. BENHAM	01/07/2008
Max P. MCDANIEL	02/14/2008
Ted H. CYMBALUK	04/07/2008
Charles K. NEWSOME	01/08/2008
Charles R. NEASE	01/14/2008
H. Kenneth STAFFIN	04/07/2008
Thomas R. PARR	04/07/2008

RECEIVING PARTY DATA

Name:	Chevron 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
Application Number:	13710903

CORRESPONDENCE DATA

Fax Number: 9727312289

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

Phone: 972-731-2288

Email: dallaspatents@dfw.conleyrose.com

Correspondent Name: Rodney B. Carroll

Address Line 1: 5601 Granite Parkway, Suite 750

Address Line 4: Plano, TEXAS 75024

ATTORNEY DOCKET NUMBER: 210861US02 (4081-16802)

PATENT REEL: 029870 FRAME: 0570 13710903

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NAME OF SUBMITTER:	Rodney B. Carroll
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PATENT REEL: 029870 FRAME: 0571

PATENT Our Ref. No. 210861US00

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 77387, 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 "CONTINUOUS CATALYST ACTIVATOR" such application and all 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):	Clipalled () De	alyen	Date:/ /	1/0%
	Name: Elizabeth A. Benham		#	
- Anna	and the second s			
STATE OF	Taras	§		
		§ ss.		
COUNTY OF_	HARBERIA	Š		
BEFO	RE ME, the undersigned authority,	on this 7 day of	TANKARA	. 200%, personally appeared
	enham known to me to be the perso			
that he executed	the same of his own free will for the	purposes and consideration	on therein expressed.	and the second s
			.iv	
		{	17	Air Contract of the Contract o

DENNIS CHAPLES FARINETTI MY COMMISSION EXPIRES ROVENSET 18, 2010

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PATENT REEL: 029870 FRAME: 0572

1.1.1.

(Signature): /// / / / / / / / / / Name: Max P. McDaniel	Date: Fab 14, 2008
STATE OF OUNTAINS \$ SS. COUNTY OF Washington \$	
BEFORE ME, the undersigned authority, on this/_/ P. McDaniel known to me to be the person whose name subscriexecuted the same of his own free will for the purposes and consi	bed to the foregoing instrument and acknowledged to me that he
	Notary or Consular Officer

(Signature): Jul H Garle	Date: 4/7/08
Name: Ted H. Cymbaluk	
STATE OF Jepas \$ ss. COUNTY OF 16ans \$	
COUNTY OF 1tans §	
BEFORE ME, the undersigned authority, on this appeared Ted H. Cymbaluk known to me to be the pers acknowledged to me that he executed the same of his own free	on whose name subscribed to the foregoing instrument and
	Notary or Consular Officer
	Notary or Consular Officer
[SEAL]	SALLY S. DENNETT Notary Public, State of Texas My Commission Expires September 15, 2009

(Signature): Charles K. Newsome	Date: <u>Q</u>
STATE OF YOUNTY OF WOUNTY OF \$ s. ss.	
BEFORE ME, the undersigned authority, on this appeared Charles K. Newsome known to me to be the packnowledged to me that he executed the same of his own free	erson whose name subscribed to the foregoing instrument and
CHRISTINIA HOWELL My Correntesion Expires February 2, 2010	Obustina Howell Notary or Consular Officer

[SEAL]

	(Signature): Mude R. 4 Case Date: 1/14/08	
	STATE OF TEXAS \$ ss. COUNTY OF HARRIS \$	
	BEFORE ME, the undersigned authority, on this	
***************************************	DENNIS CHARLES FARINETTI MY COMMISSION EXPIRES November 18, 2010 November 18, 2010	

[SEAL]

(Signature): Name: H. Kenneth Staffin	Date: 04/7/08
STATE OF <u>The Group</u> § § SS. COUNTY OF <u>Middle Dey</u> § SS.	
BEFORE ME, the undersigned authority, on thisappeared H. Kenneth Staffin known to me to be the persacknowledged to me that he executed the same of his own free v	son whose name subscribed to the foregoing instrument and
	Notary or Consular Officer
[SEAL]	Patricia H. Pompei Noiary Public of New Jersey My Commission Expires November 07, 2008

PATENT REEL: 029870 FRAME: 0577

(Signature):	Date: 7 April 2008
Name: Thomas R. Parr	
STATE OF New Yessey \$ COUNTY OF Niddlesey \$	
BEFORE ME, the undersigned authority, on this appeared Thomas R. Parr known to me to be the persacknowledged to me that he executed the same of his own free	son whose name subscribed to the foregoing instrument ar
	Patricia H. Pongei
	Notary or Consular Officer
[SEAL]	Patricia H. Pompei Notary Public of New Jersey My Commission Expires
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RECORDED: 02/25/2013

PATENT REEL: 029870 FRAME: 0578