PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Gregory G. Hendrickson	07/28/2010
Chih-An Hwang	07/28/2010
Ted H. Cymbaluk	08/10/2010

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:	12842186

CORRESPONDENCE DATA

Fax Number: (281)970-4503

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

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ATTORNEY DOCKET NUMBER: CPCM:0077

NAME OF SUBMITTER: William Allen Powell

Total Attachments: 4

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PATENT REEL: 024873 FRAME: 0786

<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 "PREDICTION AND CONTROL SOLUTION FOR POLYMERIZATION REACTOR OPERATION," 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 that any attorney associated with PTO Customer No. 47514 may insert additional information identifying this application below after execution of this assignment;

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.

Additional Application Information		
U.S. Provisional Application Serial No.	, filed on	
U.S. Non-Provisional Application Serial No.	, filed on	
International Application Serial No.	, filed on	

(Signature) Signature Gregory G. Hendrickson	Date: July 28, 2010
to be the person whose name subscribed to the foregoing instru and consideration therein expressed.	s ss. 2010, personally appeared Gregory G. Hendrickson known to me unchrand acknowledged to me that he executed the same of his own free will for the purposes
Moy 84, 2012	Notary or Consular Officer

	(Signature): Name: Chih-An Hwang	Date: 7/28/10
	STATE OF TEXAS \$ SS.	
	BEFORE ME, the undersigned authority, on this John day of July	, 2010, personally appeared Chih-An Hwang known to me to
	be the person whose name subscribed to the foregoing instrument and acknowled purposes and consideration therein expressed.	aged to me that he executed the same of his own free will for the
	SEAL Patricia F Johnson My Commission Expires 10/19/2012	Notary or Consular Officer
ł	\$ ~ \$ 0 \$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	

(Signature): Red H. Cymbaluk	Date: 8/10/2010
STATE OF	SS.
BEFORE ME, the undersigned authority, on thisday to be the person whose name subscribed to the foregoing instrupurposes and consideration therein expressed.	iment and acknowledged to me that he executed the same of his own free will for the
[SEAL]	Ray Dennett Notary or Consular Officer
SATE OF TEAS SXPIRES.	

RECORDED: 08/23/2010