PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Roger L. Kuhlman	03/23/2005
Timothy T. Wenzel	03/23/2005

RECEIVING PARTY DATA

Name:	UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION	
Street Address:	39 Old Ridgebury Road	
City:	Danbury	
State/Country:	CONNECTICUT	
Postal Code:	06817	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10589377

CORRESPONDENCE DATA

Fax Number: (979)238-0878

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

Phone: 979-238-1195
Email: dpedersen@dow.com
Correspondent Name: Delane Pedersen
Address Line 1: 2301 N. Brazosport Blvd

Address Line 2: B-1211

Address Line 4: Freeport, TEXAS 77541

ATTORNEY DOCKET NUMBER: 63558D-US-PCT

NAME OF SUBMITTER: Delane Pedersen

Total Attachments: 7

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PATENT REEL: 025383 FRAME: 0188 .H \$40.00

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This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R/Date

FORM 110 (R 5/97)

Docket Ref. 63558D css

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

(with Priority Rights)

I/we verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled: CATALYST COMPOSITION COMPRISING SHUTTLING AGENT FOR ETHYLENE MULTI-BLOCK COPOLYMER FORMATION

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we, by virtue of my/our employee agreement(s) and contractual agreement(s) between our employer(s) and Union Carbide Chemicals & Plastics Technology Corporation, hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for Union Carbide Chemicals & Plastics Technology Corporation. As trustec(s), and for good and valuable consideration and/or the remaineration received for my/our work from my/our employer, I/we sell, assign and transfer unto:

UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION
39 Old Ridgebury Road
Danbury, Connecticut 66817-0001

United States of Amer	ica
my/our entire right, title and interest throughout the world, in an	e of DELAWARE, U.S.A. (hereinafter referred to as the "Assignee"):
including provisional applications when permitted by law, for Le	etters Patent in its own name, or in the name of its designee (or
nominee(s)); and all rights and powers to file any corresponding	or equivalent applications in any and all countries including all
rights to claim priority under all United States domestic laws, Int	ternational Convention(s) and Treaties in the name of Assignee, and
do hereby authorize Assignee or its designee to insert here the Application No. PCT/US05/08917 Filing	- Warrah 17 200F
Application No. PCT/US05/08917 Filing in country International	Bate March 17, 2005
of the application, on which the claim for priority will be based;	
invention in any and all countries. I/we do hereby agree to assist	Assistance in the prospertion of the analysis (a) and in any
interference, conflict, opposition or litigation which may arise in	volving the invention or the cotent or nations thereon, and to
execute for any and all countries any document relating to applic	ations derived from, corresponding to or equivalent to the shove
identified application as Assignee may request; and I/we do here	by authorize Assignee or its designee (or nominee(s)) to <u>insert here</u>
any corresponding equivalent	
Application NoFiling L	Date
in country	
to the above Priority application of any country where that coun	ntry's patent property must be identified and entered hereinabove
Jor recordal of this Assignment. I/we authorize Assignee or its d	lesignee to translate this Assignment into all languages necessary;
Convertee of being under coverent not only that I feet have full or	e; and consent to the recordal of this Assignment, or a Notarial True
Copy thereof, being under covenant not only that I/we have full pencumbered by any grant, license, or other right heretofore given.	ower to make the same, but also that such assigned rights are not
Subscribed and Declared by me/us:	•
At: Charleston, West Virginia USA this Beday of March 1205	At: Charleston, West Virginia USA this 2 day of War 26
Effective as of March 17, 2005	Effective as of March 17, 2005
	Effective as of watch (7, 2005
Signature: Rose L Kullman	Signature:
Full Namo: Roger L. Kuhiman	Full Name: Timothy T. Wenzel
Residence: 2533 Spring Street	Residence: 888 Poplar Road
Charleston, West Virginia 25303	Charleston, West Virginia 25302
Country: United States of America	Country: United States of America
Citizenship: United States of America	Citizenship: United States of America
P. O. Address: Same as Residence	P. O. Address: Same as Residence
Employed By: Union Carbide Corporation	Employed By: Union Carbide Corporation
Of Country: United States of America	Of Country: United States of America
	- Training Comments
At:	A+.
this day of, 20	At:
	ans, 20
	!
Signature:	Signature:
Full Name:	Full Name:
Residence:	Residence:
	1200/04/1001
Country:	Country:
Citizenship:	Citizenship:
P. O. Address:	P. O. Address:
Employed By:	Employed By:
Of Country:	Of Country:

^() Additional names and signatures are attached,

FORM 222

Docket Ref. 63558D css pg 1

NOTARIAL CERTIFICATE (INDIVIDUAL)
UNITED STATES OF AMERICA) STATE OF MICHIGAN) SS County/Parish of Midland)
On this day of <u>Harcu</u> , 2005, personally appeared before me,
Daniel J. Arriola known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.
Notary Public Manager Methoda My Commission Expires February 6, 2007
NOTARIAL CERTIFICATE (INDIVIDUAL)
UNITED STATES OF AMERICA) STATE OF TEXAS) SS County/Parish of Brazoria)
On this
Edmund M. Carnahan known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.
SEAL Notary Public Notary Public
NOTARIAL CERTIFICATE (INDIVIDUAL)
UNITED STATES OF AMERICA) STATE OF TEXAS) SS County/Parish of Brazoria)
On this 18 day of
known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed
SEAL Notary Public Notary Public

FORM 222

Docket Ref. 63558D css pg 2

NOTARIAL CERTIFIC	CATE (INDIVIDUAL)
UNITED STATES OF AMERICA) STATE OF MICHIGAN) SS County/Parish of Midland)	
On this A day of MUCh before me,	, 20 05, personally appeared
known or identified to me to be the individual foregoing document and acknowledged the sa purposes therein expressed.	D. Devore I described in and who executed the ame as a free act and deed for uses and
SEAL	Notary Public Melissa Leigh Vanmeter Notary Public, Midland County, Michigan My Commission Expires February 8, 2007
NOTARIAL CERTIFIC	CATE (INDIVIDUAL)
UNITED STATES OF AMERICA) STATE OF MICHIGAN) SS County/Parish of Midland)	
On this 24 day of March before me,	, 20105, personally appeared
David known or identified to me to be the individual foregoing document and acknowledged the sar purposes therein expressed.	D. Graf described in and who executed the me as a free act and deed for uses and
SEAL	Carla Stamul
	Notary Public Carta S. Samuel Notary Public, Bay County, Mindigan Acting in Midland County, Mindigan My Commission Expires October 3, 2005
NOTARIAL CERTIFIC	ATE (INDIVIDUAL)
UNITED STATES OF AMERICA) STATE OF TEXAS) SS County/Parish of Brazoria)	
On this 17 day of March before me,	, 2005, personally appeared
Phillip D known or identified to me to be the individual of foregoing document and acknowledged the san purposes therein expressed.	described in and who executed the
OF TEXTS OF TEXTS O-2006	Dammy Types Notary Public
0-2006	PATENT

This Assignation 222 is in the ENGLISH language and has the same mouning it other languages with the same 222 stumber and Rebate

FORM 222

Docket Ref. 63558D css pg 3

Decitor Not. 05550B	.ss pg 5
NOTARIAL CERTIFICATE (INDIVIDUAL)	
UNITED STATES OF AMERICA) STATE OF TEXAS) SS County/Parish of Brazoria)	
On this 18th day of 7 asal , 20 05, personally app	eared
known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses ar purposes therein expressed. ABLREY L. 380 WN SAB Holary Public State of Saus My Commission Express January 30, 2008	ıd <u>-</u>
NOTARIAL CERTIFICATE (INDIVIDUAL)	
UNITED STATES OF AMERICA) STATE OF TEXAS) SS County/Parish of Brazoria)	
On this 15th day of March ,2005, personally apperbefore me,	eared
Renjamin C. Poon known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses an purposes therein expressed.	đ
State Notary Public Notary Public	<u>100</u>
NOTARIAL CERTIFICATE (INDIVIDUAL)	_
UNITED STATES OF AMERICA) STATE OF MICHIGAN) SS County/Parish of Midland)	
On this 24 day of 7 arch ,2005, personally appe	ared
Gordon R. Roof known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.	I
Carla I Sam	س
SEAL Notary Public	
Carla S. Samuel	

Notary Public, Bay County, Michigan Acting in Middand Jounty, Michigan My Commission of PATENT¹⁰, 2005 **REEL: 025383 FRAME: 0193**

FORM 222

Docket Ref. 63558D css pg 4

NOTARIAL CERTIFICATE (INDIVIDUAL)
UNITED STATES OF AMERICA) STATE OF TEXAS) SS County/Parish of Brazoria)
On this 17 day of March, 2005 personally appeared before me,
James C. Stevens known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and
purposes therein expressed.
foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed. Control Cont
04-70-200 NOTARIAL CERTIFICATE (INDIVIDUAL)
UNITED STATES OF AMERICA) STATE OF MICHIGAN) SS County/Parish of Midland)
On this <u>A4</u> day of <u>March</u> , 2005, personally appeared before me,
Pamela J. Stirn known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.
SEAL Heuse deigh Van hoter
Notary Public, Midland County, Michigan My Commission Expires February 6, 2007
NOTARIAL CERTIFICATE (INDIVIDUAL)
UNITED STATES OF AMERICA) STATE OF WEST VIRGINIA) SS County/Parish of Kanawha)
On this 300 day of Macch, 2005, personally appeared before me,
Roger L. Kuhlman known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and
purposes therein expressed.
NOTARY PUBLIC STATE OF VIEW VIEWAN NOTARY Public

This Assignment 220 is to the ENGLISH language and law the same meaning in other languages with the same 220 number and ReDute

FORM 220

Docket Ref. 63558D ess pg 5

NOTARIAL CERTIFICATE (INDIVIDUAL)

UNITED STATES OF AMERICA STATE OF WEST VIRGINIA County/Parish of Kanawha , personally appeared

Timothy T. Wenzel

known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

This Assignce Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number. FORM 660

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE:

UNION CARBIDE CHEMICALS & PLASTICS

TECHNOLOGY CORPORATION

39 Old Ridgebury Road

Danbury, Connecticut 06817-0001 UNITED STATES OF AMERICA

hereby accept the ASSIGNMENT attached hereto which is dated: March 23, 2005

From, the ASSIGNOR: Roger L. Kuhlman, 2533 Spring Street, Charleston, West Virginia 25303, United States of America; and Timothy T. Wenzel, 888 Poplar Road, Charleston, West Virginia 25302, United States of America

of the invention entitled:

CATALYST COMPOSITION COMPRISING SHUTTLING AGENT FOR ETHYLENE MULTI-BLOCK COPOLYMER FORMATION

without any restrictions and with all rights and obligations deriving therefrom and declare that this

confirmation of	acceptance shall be	e deemed a part of the said ASSIGNMENT.
Signed at	Midland, Michig	zan 48674, U.S.A.
this H	day of Opril	, 2005
CORP		UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION
SEAL		By: Charles J. Maurer III
N	OTARIAL	Secretary CERTIFICATE (Corporation)
UNITED ST. STATE OF N County/Paris On this 47	ATES OF AME	SICA)) SS) id , 20 0 5 , personally appeared
known or identi and acknowledg	fied to me to be the : ed the same as a fre	individual described in and who executed the foregoing document e act and deed for uses and purposes therein expressed by authority under the laws of the State of Delaware, United States of
further certify	hat said authority, d	ated September 17, 2001, is based on
n authorizatio	n Policy of the said	Corporation,
oregoing docun	ent on behalf of the	id individual Attorney-in-fact with full power to sign the said corporation and that the purposes for which said document is bjects or activities of said corporation.
SEAL		Notary Public
		Refere Posice Lossaya County Machiner My Commiscient Spress Santing Access

My Commission of the April 07, 2005