

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Joseph N. Coalter III	12/18/2002
Jan W. Van Egmond	12/19/2002
Lewis J. Fouts Jr.	12/18/2002
Roger B. Painter	12/18/2002
RECEIVING PARTY DATA	
Name:	Union Carbide Chemicals & Plastics Technology Corporation
Street Address:	39 Old Ridgebury Road
City:	Danbury
State/Country:	CONNECTICUT
Postal Code:	06817-0001
PROPERTY NUMBERS Total: 2	
Property Type	Number
PCT Number:	US0235617
Application Number:	10492139
CORRESPONDENCE DATA	
Fax Number:	(989)636-3237
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	989-636-1954
Email:	CSRohde@dow.com
Correspondent Name:	Crystal S. Rohde
Address Line 1:	The Dow Chemical Company
Address Line 2:	1790 Building; Washington Street
Address Line 4:	Midland, MICHIGAN 48674
ATTORNEY DOCKET NUMBER:	62785
NAME OF SUBMITTER:	Crystal S. Rohde

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REEL: 017944 FRAME: 0518

Total Attachments: 4

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REEL: 017944 FRAME: 0519

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:

SUPPORTED CATALYSTS FOR MANUFACTURE OF POLYMERS

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 trustee(s), and for good and valuable consideration and/or the remuneration 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 06817-0001
United States of America

a corporation organized and existing under the laws of **the State of DELAWARE, U.S.A.** (hereinafter referred to as the "Assignee"); my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications, including provisional applications when permitted by law, for Letters 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, International Convention(s) and Treaties in the name of Assignee, and do hereby authorize Assignee or its designee to insert here the

Application No. PCT/US02/35617

Filing Date November 5, 2002

in country **International**

of the application, on which the claim for priority will be based; and in and to any Letters Patent that may be issued for the invention in any and all countries. I/we do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation which may arise involving the invention or the patent or patents thereon, and to execute for any and all countries any document relating to applications derived from, corresponding to or equivalent to the above identified application as Assignee may request; and I/we do hereby authorize Assignee or its designee (or nominee(s)) to insert here any corresponding equivalent

Application No. 10/492,139

Filing Date April 7, 2004

in country the United States of America

to the above Priority application of any country where that country's patent property must be identified and entered hereinabove for recordal of this Assignment. I/we authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

Subscribed and Declared by me/us:

At: South Charleston WV
this 18th day of December, 2002
Effective as of November 5, 2002

Signature: Joseph N. Coalter III
Full Name: Joseph N. Coalter, III
Residence: 44 Doral Street
Hurricane, West Virginia 25526

Country: United States of America
Citizenship: United States of America
P. O. Address: Same as Residence
Employed By: Union Carbide Corporation
Of Country: United States of America

At: South Charleston, WV
this 14th day of September, 2002
Effective as of November 5, 2002

Signature: [Signature]
Full Name: **Jan W. Van Egmond**
Residence: **1504 Virginia**
Charleston, West Virginia 25311
Country: **United States of America**
Citizenship: **Netherlands**
P. O. Address: **Same as Residence**
Employed By: **Union Carbide Corporation**
Of Country: **United States of America**

At: So. Charleston, WV
this 18 day of December, 2002
Effective as of November 5, 2002

Signature: Lewis J. Fouts, Jr.
Full Name: Lewis J. Fouts, Jr.
Residence: 77 Oakmont Drive
Poca, West Virginia 25159
Country: United States of America
Citizenship: United States of America
P. O. Address: Same as Residence
Employed by: Union Carbide Corporation
Of Country: United States of America

At: South Charleston, WV
this 18th day of December, 2002
Effective as of November 5, 2002

Signature: Roger B. Painter
Full Name: Roger B. Painter
Residence: 121 Barrington Drive
Scott Depot, West Virginia 25560

Country: United States of America
Citizenship: United States of America
P. O. Address: Same as Residence
Employed By: Union Carbide Corporation
Of Country: United States of America

PATENT

FORM 221

Docket Ref. 62785 css

NOTARIAL CERTIFICATE (INDIVIDUAL)

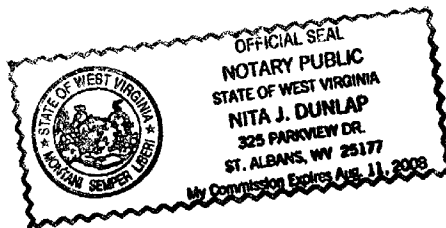
UNITED STATES OF AMERICA)
STATE OF VIRGINIA) SS
County/Parish of)

On this 18th day of December, 2002, personally appeared
before me,

Joseph N. Coalter, III

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



Nita J. Dunlap
Notary Public

NOTARIAL CERTIFICATE (INDIVIDUAL)

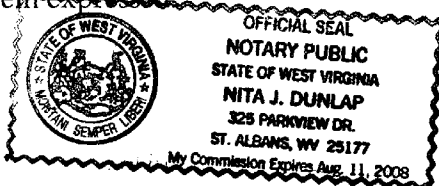
UNITED STATES OF AMERICA)
STATE OF VIRGINIA) SS
County/Parish of)

On this 19th day of December, 2002, personally appeared
before me,

Jan W. Van Egmond

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



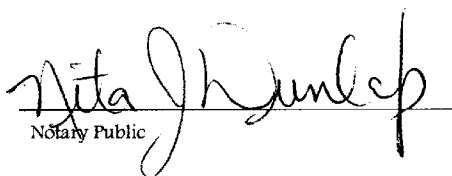
Nita J. Dunlap
Notary Public

Docket Ref. 62785 css

UNITED STATES OF AMERICA)
STATE OF VIRGINIA) SS
County/Parish of)

On this 18th day of December, 2002, personally appeared

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.



UNITED STATES OF AMERICA)
STATE OF VIRGINIA) SS
County/Parish of)

On this 18th day of December, 2002, personally appeared
before me,

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.



PATENT
REEL: 017944 FRAME: 0522

[illegible]

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

REEL: 017944 FRAME: 0523