PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
Robert P. Dion	04/22/2003	

RECEIVING PARTY DATA

Name:	Dow Europe GMBH		
Street Address:	Bachtobelstrasse 3		
City:	Horgen		
State/Country:	SWITZERLAND		
Postal Code:	8810		

PROPERTY NUMBERS Total: 2

Property Type	Number		
Application Number:	60435170		
Application Number:	10742290		

CORRESPONDENCE DATA

Fax Number: (989)636-3237

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

Phone: 989-636-1954

Email: CSRohde@dow.com

Correspondent Name: Crystal Rohde

Address Line 1: The Dow Chemical Company
Address Line 2: 1790 Building; Washington Street
Address Line 4: Midland, MICHIGAN 48674

NAME OF SUBMITTER: Crystal S. Rohde

Total Attachments: 3

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PATENT REEL: 015911 FRAME: 0311 ssignment 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)

Application No. 60/435,170

Subscribed a

in country the United States of America

here any corresponding equivalent

Docket Ref. 62049

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:

POLYMERIZED MACROCYCLIC OLIGOMER NANOCOMPOSITE COMPOSITIONS

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 hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for our respective employers. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work, I/we sell, assign and transfer unto:

> DOW EUROPE GMBH Bachtobelstrasse 3 8810 Horgen SWITZERLAND

a corporation organized and existing under the laws of SWITZERLAND (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

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

Filing Date December 20, 2002

Application No. 10/742,290 Filing D	December 19, 2003
n country the United States of Amer	1Cd
o the above Priority application of any country where that coun	try's patent property must be identified and entered hereinabove
or recordal of this Assignment. If we authorize Assignee of its of the we request that any such Letters Patent be issued to Assigne	esignee to translate this Assignment into all languages necessary;
and we request that any such Letters Patent be issued to Assighe	e full power to make the same, but also that such assigned rights
true Copy thereof, being under covenant hot only that I we have are not encumbered by any grant, license, or other right heretofo	re given
are not encumbered by any grant, needse, or deter right heretoto	ne given.
and Declared by me/us:	
and Declared by Mo, as	
At: Horgen, Switzerland	At:
this x22 day of April , 20x03	this day of, 20
Effective as of Degender 20, 2802	
Signature:	Signature:
Full Name: Robert P. Dion	Full Name:
Residence: Waidlistrasse 32	Residence:
Horgen, Switzerland 8810	
Country: Switzerland	Country:
Citizenship: United States of America	Citizenship:
P. O. Address: Same as Residence	P. O. Address: Same as Residence
Employed By: DOW EUROPE GMBH	Employed By: Of Country:
Of Country: United States of America	Of Country:
At: this day of, 20	At:
this day of, 20	this day of, 20
Signature:	Signature:
Full Name:	Full Name:
Residence:	Residence:
Residence.	
Country:	Country:
Citizenship:	Citizenship:
P. O. Address: Same as Residence	P. O. Address: Same as Residence
Employed By:	Employed By:
Of Country:	Of Country:
Of Country.	

Additional names and signatures are attached.

This Form 881 is in the ENGLISH language and has the same meaning in other languages with the same 881 number.

FORM 881

Dow Case No. 62049

SUBSCRIBING WITNESS AFFIDAVIT OF EXECUTION OF AN ASSIGNMENT

Ι, ,	Poland	V.	Hau	sim
* , x.				. ,

Whose full post office address is: k

Schurmatles 5 CH-5634 Merers Luxand

Subscribing Witness

Make oath and say that I was personally present and did see:

Robert P. Dion

Who is/are personally known or identified to me to be the inventor(s) named in the attached assignment, duly sign and execute the same for the purposes therein stated.

Signed at: Horsen Switzerland

On this 22 day of April , 2003

08/90

This Assignee 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:

DOW EUROPE GMBH

Bachtobelstrasse 3 8810 Horgen **SWITZERLAND** hereby accept the ASSIGNMENT attached hereto which is dated: April 22, 2003 From, the ASSIGNOR: Robert P. Dion, Waidlistrasse 32, Horgen, Switzerland of the invention entitled: POLYMERIZED MACROCYCLIC OLIGOMER NANOCOMPOSITE COMPOSITIONS without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of the said ASSIGNMENT. Signed at Midland, Michigan 48674, USA this DOW EUROPE GMBH CORP. SEAL Authorized Representative NOTARIAL CERTIFICATE (Corporation) UNITED STATES OF AMERICA STATE OF MICHIGAN County/Parish of Midland On this $\sqrt{\prime\prime}$ day of , personally appeared before me, GRAHAM E. TAYLOR, Authorized Representative 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 by authority of the said Corporation organized and existing under the laws of Switzerland. I further certify that said authority, dated May 7, 2002, is based on by authority of a Power of Attorney which I have seen, appointing the said individual Attorney-in-Fact with full power to sign the foregoing document on behalf of the said corporation and that the purposes for which said document is granted are within the scope of the objects or activities of said corporation. SEAL Ann Heritier Notary Public, Bay County, Michigan Acting in Midfand County My Commission Expires December 03, 2006

PATENT REEL: 015911 FRAME: 0314

RECORDED: 04/18/2005