FORM PTO-1595

Rev. 08/28/92/0) SEP -5 AM 10: 03 PA

09-10-2003

'ARTMENT OF COMMERCE 'atent and Trademark Office

FINANCE SECTION 102545454			
Assistant Commissioner for Patents and Trademarks: Ple	ease record the attached original documents or copy thereof.		
1. Name of conveying party(ies): Katherine S. Clement David C. Molzahn Louis L. Walker William P. Dianis Richard M. Wehmeyer John W. Weston Robert H. Whitmarsh 2. Name and address of receiving party(ies): DOW GLOBAL TECHNOLOGIES ING Washington Street 1790 Building Midland, Michigan 48674 UNITED STATES OF AMERICA			
Additional name(s) of conveying party(ies) is attached.	Additional name(s) & address(es) are attached.		
3. Nature of conveyance: x Assignment			
4. Application Number(s) or Patent Number(s): 10/131,900 April 24, 2002 If this document is being filed together with a new app Additional Application Number(lication, the execution date of the application is: s) or Patent Number(s) are attached.		
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1		
The Dow Chemical Company Intellectual Property P. O. Box 1967 Midland, Michigan 48641-1967 United States of America	 7. Total fee (37 CFR 3.41) \$40.00 ☐ Enclosed ☐ Please deduct the above fee from our Deposit Account 8. Deposit Account 04-1512. If this estimate is incorrect, please debit or credit our account accordingly. 		
40.90 SA	THIS SPACE		

9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Dated: September 2, 2003

60078 B US

09/09/2003 01 FC:8021

> Crystal S Rohde Office Professional (989) 636-1954

Total number of pages including attachments: 7

PATENT REEL: 014458 FRAME: 0945 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. 60078B

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:

POLYMERIZATION OF ETHYLENE OXIDE USING METAL CYANIDE CATALYSTS

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 Dow Global Technologies Inc., hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for Dow Global Technologies Inc. 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:

> DOW GLOBAL TECHNOLOGIES INC. Washington Street 1790 Building Midland, Michigan 48674 **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.	10/131,900	Filing Date	April 24, 2002	
• •	ited States of America			
of the application, invention in any an interference, confli execute for any and identified application.	on which the claim for prior ad all countries. I/we do her ct, opposition or litigation v d all countries any documen on as Assignee may request	rity will be based; and in and to any eby agree to assist Assignee in the which may arise involving the inver t relating to applications derived fro ; and I/we do hereby authorize Assi	prosecution of the application(s) ation or the patent or patents ther om, corresponding to or equivale	and in any eon, and to ent to the above
any corresponding		Filing Date		
		Filing Date		_
to the above Priori	ity application of any count	ry where that country's patent proj	verty must be identified and ente	ered hereinabove
and we request that	t any such Letters Patent be	e Assignee or its designee to transle issued to Assignee; and consent to	the recordal of this Assignment,	or a Notarial True
	g under covenant not only the grant, license, or other right	hat I/we have full power to make the nt heretofore given.	e same, but also that such assign	ed rights are not
and Declared by me	e/us:			
At: Freeport,	Texas 77541, USA		t, Texas 77541, USA	20.0.0

Subscribed

At: Freeport, T	exas 77541, USA
this/514day o	of July , 2002
Effective as of A	pril 24, 2002
	Ratherine J. Clement
Signature:	Natherine & Comunit
Full Name:	Katherine S. Clement
Residence:	115 Poinciana
	Lake Jackson, Texas 77566
Country:	United States of America
Citizenship:	United States of America
P. O. Address:	Same as Residence
Employed By:	The Dow Chemical Company
Of Country:	United States of America
At: Freeport, I	exas 77541, USA
At: Freeport, I	Cexas 77541, USA of July , 2002
At: Freeport, T this A day Effective as of A	of July , 2002
this A day Effective as of A	of July , 20 C 2
this A day Effective as of A	of July , 2002 pril 24, 2002
this A day Effective as of A	of July , 20 C 2
this A day Effective as of A	of July , 2002 pril 24, 2002
this day Effective as of A Signature:	of July , 2002 April 24, 2002 Charles M. L. Williams Richard M. Wehmeyer
this day Effective as of A Signature:	of July , 2002 April 24, 2002 Richard M. Wehmeyer 205 Zinnia
this And day Effective as of A Signature: 1 A Full Name: Residence:	of July, 2002 April 24, 2002 Richard M. Wehmeyer 205 Zinnia Lake Jackson, Texas 77566
this And day Effective as of A Signature: 100 Full Name: Residence: Country:	of July, 2002 April 24, 2002 Richard M. Wehmeyer 205 Zinnia Lake Jackson, Texas 77566 United States of America
this And day Effective as of A Signature: Full Name: Residence: Country: Citizenship:	Richard M. Wehmeyer 205 Zinnia Lake Jackson, Texas 77566 United States of America United States of America

At. Freeport, Texas //541, USA		
this 15 th day of 100 200 2		
Effective as of April 24, 2002		
Į.	D D 1 C.16	
Signature:	town of follow	
Full Name:	Louis L. Walker	
Residence:	246 Barbara Drive	
	Clute, Texas 77531	
Country:	United States of America	
Citizenship:	United States of America	
P. O. Address:	Same as Residence	
Employed By:	The Dow Chemical Company	
Of Country:	United States of America	
	Chited States of America	
At: Freeport,	Texas 77541, USA	
At: Freeport, this 2 day	Texas 77541, USA of	
At: Freeport,	Texas 77541, USA of	
At: Freeport, this 2 day	Texas 77541, USA of	
At: Freeport, this Z day Effective as of	Texas 77541, USA of	
At: Freeport, this Z day Effective as of Signature:	April 24, 2002 Abert of Whitman	
At: Freeport, this Z day Effective as of Signature: Full Name:	April 24, 2002 Robert H. Whitmarsh	
At: Freeport, this Z day Effective as of Signature: Full Name:	Robert H. Whitmarsh 55 North Calla Lilly Court	
At: Freeport, this Z day Effective as of Signature: Full Name: Residence:	Robert H. Whitmarsh 55 North Calla Lilly Court Lake Jackson, Texas 77566	
At: Freeport, this Z day Effective as of Signature: Full Name: Residence: Country:	Robert H. Whitmarsh 55 North Calla Lilly Court Lake Jackson, Texas 77566 United States of America	
At: Freeport, this Z day Effective as of Signature: Full Name: Residence: Country: Citizenship:	Robert H. Whitmarsh 55 North Calla Lilly Court Lake Jackson, Texas 77566 United States of America United States of America	

This Assignment 113 is in the ENGLISH language and has the same meaning in other languages with the same 113 number and R/Date

FORM 113

Page two of two

Docket Ref. 60078B

Additional names, addresses and signatures to be attached to Form No. 110 Entitled: INDIVIDUAL ASSIGNMENT AND INVENTORS DECLARATION

At: Midland, Michigan 48674, USA	this 37 day of JUNE 200-		
this 27th day of June 2007			
Effective as of April 24,2002	Effective as of April 24, 2002 Signature: Ulliam P. Chanis		
Aloured AMILLO			
Signature: Naval C//Ha	Full Name: William P. Dianis		
Full Name: David C. Molzahn	Residence: 1006 Holyrood Street		
Residence: 5501 Cortland Street	Midland, Michigan 48640		
Midland, Michigan 48642	· · · · · · · · · · · · · · · · · · ·		
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: The Dow Chemical Company	Employed By: The Dow Chemical Company		
Of Country: United States of America	Of Country: United States of America		
At: Freeport, Texas 77541, USA this 23 ¹²¹ day of July 2002	At·		
this 23 day of July 2002	At:day of20		
Effective as of April 24, 2002	uns		
Signature: QU (J. ()			
Signature.	Signature:		
Full Name: John W. Weston	Full Name:		
Residence: 1414 Oyster Point	Residence:		
Sugar Land, Texas 77478	Residence.		
Country: United States of America	Country		
Citizenship: United States of America	Country:		
P. O. Address: Same as Residence	Citizenship:		
Employed By: The Dow Chemical Company	P. O. Address:		
Of Country: United States of America	Employed By:		
or country.	Of Country:		
At:			
At: day of 20	At: day of 20		
	this day of 20		
Signature:			
Full Name:	Signature:		
Residence:	Full Name:		
140.44.144.	Residence:		
Country:			
Citizenship:	Country:		
P. O. Address:	Citizenship:		
	P. O. Address:		
Employed By:	Employed By:		
Of Country:	Of Country:		
At:	At:		
this day of 20	this day of		
Lino 40			
Signature:	Signature:		
Full Name:	Full Name:		
Residence:	Residence:		
Nosigetiee.	14051401100.		
Country:	Country:		
Citizenship:	Citizenship:		
•	P. O. Address:		
P. O. Address:	Employed By:		
Employed By:	Of Country:		
Of Country:	OI COUNTY.		

PATENT REEL: 014458 FRAME: 0947 This Assignment 221 is in the ENGLISH language and has the same meaning in other languages with the same 221 mainber and R/Date

FORM 221

Docket Ref. 60078B

NOTARIAL CERTIFICATE (INDIVIDUAL)

UNITED STATES OF AMERICA STATE OF MICHIGAN County/Parish of MIDLAND) SS	
On this The day of before me,	June	, 20 <u>D2</u> , personally appeared
	David C. M	Molzahn
		scribed in and who executed the as a free act and deed for uses and
SEAL		Notary Public Karen A. LaCroix NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES FEBRUARY 10, 2005
NOTA	RIAL CERTIFICA	ATE (INDIVIDUAL)
UNITED STATES OF AMERICA STATE OF MICHIGAN County/Parish of MIDLAND) SS	
On this 2740 day of 2740 before me,	June	20 <u>つ</u> 之, personally appeared
	William P.	Dianis
		cribed in and who executed the as a free act and deed for uses and
SEAL		Notary Public
		Karen A. LaCroix NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES FEBRUARY 10, 2005

PATENT | REEL: 014458 FRAME: 0948 **FORM 222**

This Assignment 222 is in the ENGLISH language and has the same meaning in other languages with the same 222 number and R/Date Docket Ref. 60078B

NOTARIAL CERTIFICATE (INDIVIDUAL)

UNITED STATES OF AMERICA) STATE OF TEXAS) SS	
On this 15th day of katherine	, 20 02, personally appeared
known or identified to me to be the individual foregoing document and acknowledged the sa	described in and who executed the
purposes therein expressed.	Autres & Beaun
AUTREY L. BROWN Fotery Public SYATE OF TEXAS My Comp. Co. 01-29-2004	Notary Public
NOTARIAL CERTIFIC	ATE (INDIVIDUAL)
UNITED STATES OF AMERICA) STATE OF TEXAS) SS County/Parish of BRAZORIA)	
On this 15th day of 10th louis I	, 20_0 2 , personally appeared
known or identified to me to be the individual foregoing document and acknowledged the sa	described in and who executed the
purposes therein expressed.	Action & Brown
AUTREY L. BROWN Notary Public STATE OF TEXAS My Comm. Exp. 01-25-2004	Notary Public
NOTARIAL CERTIFIC	ATE (INDIVIDUAL)
UNITED STATES OF AMERICA) STATE OF TEXAS) SS County/Parish of BRAZORIA)	
On this day ofbefore me,	, 20 <u>o e</u> , personally appeared
Richard M. known or identified to me to be the individual foregoing document and acknowledged the sampurposes therein expressed.	
	Manfon D. November
MARYANN M. NAVARRETTE Notary Public STATE OF TEXAS My Comm. Exp. 08-26-2004	Notary Public

This Assignment 221 is in the ENGLISH language and has the same meaning in other languages with the same 221 number and R/Date

Docket Ref. 60078B **FORM 221**

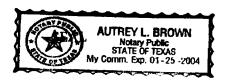
NOTARIAL CERTIFICATE (INDIVIDUAL)

onally appeared
ted the uses and
<u>_</u>

NOTARIAL CERTIFICATE (INDIVIDUAL)

UNITED STATES OF AMERICA) STATE OF TEXAS) County/Parish of BRAZORIA)	SS	
On this 23 day of before me,	ely	_20
	John W. Weston	

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.



Clutry L Dunz

TRUE COPY

TO ALL TO WHOM THESE PRESENTS SHALL COME,

I Do Hereby Certify that the annexed document(s) are TRUE COPIES of the original document(s) which I have compared.

at Midland, Michigan	1 48674, USA
this <u>02nd</u> day of _	September 2003
	Crystal S. Rohde Office Professional THE DOW CHEMICAL COMPANY
NOTAF	RIAL CERTIFICATE
UNITED STATES OF AMERICA STATE OF MICHIGAN County/Parish of Midland)) SS)
On this <u>02nd</u> day of <u></u> appeared before me,	<u>September</u> 20 <u>03</u> , personally
	Crystal S. Rohde
known or identified to me to be thand acknowledged the same as a expressed.	ne individual who executed the foregoing document a free act and deed for uses and purposes therein
SÉAL Of	Notary Public Abby Doyle Notary Public, Saginaw County, Michigan Acting in Midland County, Michigan My Commission Expires September 27, 2005

RECORDED: 09/05/2003

PATENT REEL: 014458 FRAME: 0951