

102018012

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Assistant Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereof.						
1.	Name of conveying party(ies):  Marie S. Winkler  Donald E. Kirkpatrick  Tricia S. Berry  William B. Marshall  David F. Pawloski	2. Name and address of receiving party(ies): THE DOW CHEMICAL COMPANY 2030 Dow Center 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  Security Agreement  Other	☐ Merger ☐ Change of Name				
	Execution Date(s) June 28, July 8, 22, 26,	28, 1999 Effective as of March 12, 1999				
4.	Application Number(s) or Patent Number(s):					
	09/507,267 February 18, 2000  If this document is being filed together with a new application Number(	oplication, the execution date of the application is: s) or Patent Number(s) are attached.				
5.	Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved: 1				
	Graham E. Taylor The Dow Chemical Company Intellectual Property P. O. Box 1967	7. Total fee (37 CFR 3.41) \$40.00  ☐ Enclosed ☐ Please deduct the above fee from our Deposit Account				
	Midland, Michigan 48641-1967 United States of America	Deposit Account <u>04-1512</u> . If this estimate is incorrect, please debit or credit our account accordingly.				
-	DO NOT USE THIS SPACE					

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: February 18, 2002

44,535 US

01 FC:581

09507267 03/15/2002 AAHMED1 00000004 041512 40.00 CH

**PATENT** REEL: 012664 FRAME: 0350

Total number of pages including attachments: 7

Crystal S. Honaman Office Professional (989) 636-1954

FORM 110 (R 5/97)

Docket Ref. 44535

#### 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:

PROCESS FOR PREPARING STARCH AND EPOXY-BASED THERMOPLASTIC POLYMER 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:

> THE DOW CHEMICAL COMPANY 2030 Dow Center 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");

Application No. 09/507,267 Filing Date February 18, 2000

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 here any corresponding equivalent  Application No.						
At: Lake Jackson, Texas 77566  this 2 day of 1999  Effective as of March (2) 1999  Signature: Marie S. Winkler  Residence: 123 Bayou Road  Lake Jackson, Texas 77566  Country: United States of America  Citizenship: United States of America  P. O. Address: Same as Residence  Employed By: United States of America	At: Lake Jackson, Texas 77566  this 2 % day of					
At: Lake Jackson, Texas 77566  this	At: Midland, Michigan 48640  this 26 flay of July 1999  Effective as of March 12, 1999  Signature: David F. Pawlowski Residence: 1053 East Prairie Road Midland, Michigan 48640  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					

Of Country:

ssignment 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. 44535

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

At: Midland, Michigan 48640	At:	
this <b>22</b> day of <b>5014</b> 19 <b>99</b>	this day of	19
TICS 1: 34 - 1 10 1000		
Signature: William B. Marshall		
" II I'lly K / hard. VX	Ciamotumu	
	Signature:	
Full Name: William B. Marshall	Full Name:	
Residence: 611 Hawthorne Dr.	Residence:	
Midland, Michigan 48640		
, 3	Country:	
Country: United States of America		
Citizenship: United States of America	Citizenship:	
P.O. Address: Same as Residence	P. O. Address:	
Employed By: The Dow Chemical Company	Employed By:	
Of Country: United States of America	Of Country:	
Of Country. United States of Affectica	,	
Δr·		
At:this19	At:	
this day of 19	At: day of	19
Cianatura		
Signature:	Signature:	
Full Name:	Full Name:	
Residence:	Residence:	
Country:	Country:	
Citizenship:	Citizenship:	
P. O. Address:	P. O. Address:	
Employed By:	Employed By:	
	1 1 1	
Of Country:	Of Country:	
At: day of 19	At: day of	19
this day of	this day of	
	Signature:	
Signature:		
Full Name:	Full Name:	
Residence:	Residence:	
	Country	
Country:	Country:	
Citizenship:	Citizenship:	
P. O. Address:	P. O. Address:	
Employed By:	Employed By:	
Of Country:	Of Country:	
Of Country.	,	
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	1	
	At: day of	19
At: day of 19	this day of	
this day of	i	
	Signature:	
Signature:		
	Full Name:	
Full Name:	Residence:	
Residence:	_	
	Country:	
Country:	Citizenship:	
Citizenship:	P. O. Address:	
P. O. Address:	Employed By:	
Employed By:	Of Country:	
Of Country:	Of Country.	
Of Country.		

**FORM 222** 

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. 44535

NOTARIAL CERTIFICATE (INDIVIDUAL)
UNITED STATES OF AMERICA ) STATE OF TEXAS ) SS County/Parish of Brazoria )
On this $28^{+h}$ day of $19_{9}$ , personally appeared before me,
Marie S. Winkler 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.
MOTOR SENSE Notary Public  Notary Public
NOTARIAL CERTIFICATE (INDIVIDUAL)
UNITED STATES OF AMERICA ) STATE OF TEXAS ) SS County/Parish of Brazoria )
On this 20 day of July 199, personally appeared persone me,
Donald E. Kirkpatrick 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 Dourposes therein expressed.
SEAR TAMMY L. TIPPS Notary Public, State of Texas My Commission Expires March 10, 2002
NOTARIAL CERTIFICATE (INDIVIDUAL)
UNITED STATES OF AMERICA ) STATE OF TEXAS ) SS County/Parish of Brazoria )
On this 8th day of July 1999, personally appeared perfore me,
Tricia S. Berry  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.
Marylin M. Naranto
MARYANN M. NAVARRETTE

My Commission Explires Jan. 25, 2000

Assignment 220 is in the ENGLISH language and has the same meaning in other tanguages with the same 220 number and R/Date

**FORM 220** 

Docket Ref. 44535

### NOTARIAL CERTIFICATE (INDIVIDUAL)

UNITED STATES OF AMERICA STATE OF MICHIGAN County/Parish of Midland	)	SS
On this 22 day of July before me,		, 19 <u>99</u> , personally appeared
		William B. Martin

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

JUANITA SHACKELFORD NOTARY PUBLIC, SAGINAW COUNTY, MICHIGAN ACTING IN MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES FEBRUARY 24, 2004

BREAKERS 220 19 III THE DECORPORT INFOCUSE AND USE ON SHIP LESSING III OFFER SHIP STORY AND THE SALE 220 HOURSES AND THE

**FORM 220** 

Docket Ref. 44535

## NOTARIAL CERTIFICATE (INDIVIDUAL)

UNITED STATES OF AMERICA )
STATE OF MICHIGAN ) SS
County/Parish of Midland )

On this day of of the 1999, personally appeared before me

David F. Pawlowski

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** 

Tours Tublic

cak

CAROLINE ANN KING NOTARY PUBLIC, GLADWIN COUNTY, MICHIGAN ACTING IN MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES JUNE 12, 2003

# **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.

atMidlar	nd, Michiga	n 48674, US	<b>A</b>		
this <u>18th</u> (	day of <u>Fet</u>	oruary		<b>20</b> _02	
		•	Crystal S. Hor Office Profess OW CHEMICA	sional	
	NOTA	RIAL CE	RTIFICA	<u>re</u>	
UNITED STATES C STATE OF <b>MICHIG</b> County/Parish of <b>M</b> i	AN	A ) ) SS )			
On this <u>18th</u> appeared before m	day of <u>Fe</u>	bruary		_20 <sub>02</sub> , pe	ersonally
Cr	ystal S. H	onaman			
known or identified and acknowledged expressed.	to me to be the same a	e the individua is a free act a	al who execute and deed for us	ed the foregoi ses and purp	ing document oses therein
		<u>6</u>	aroline	ann	King
SEAL		No	tary Public		V
cak			NOTARY PUBLI ACTING HE	DLINE ANN KING C, GCADWIN COUNTY, MOLARO COUNTY, MI AOM EORRO MIME 10	MICHIGAN CHIGAN

**RECORDED: 03/05/2002**