FORM PTO-1595 Rev. 08/28/92

03-09-2001



PARTMENT OF COMMERCE Patent and Trademark Office

ĺ		101631121
	Assistant Commissioner for Patents and Trademarks:	Please record the attached original documents or copy thereof.
1.	Name of conveying party(ies): **SEE ATTACHMENT**	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) ** SEE ATTACHMEN	NT **
4.	Application Number(s) or Patent Number(s):	
lf th	09/062,915 Filed on April 20,	FEB 2 2 2001
	☐ Additional Application Number	r(s) or Patent Number(s) are attached.
		The processing of the state of
		Section of the second section of the section of the second section of the section o
5.	Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
5.	• • •	1
5.	Concerning document should be mailed: Graham E. Taylor The Dow Chemical Company Intellectual Property	involved: 1 7. Total fee (37 CFR 3.41) \$40.00 □ Enclosed □ Please deduct the above fee from our Deposit
5.	Concerning document should be mailed: Graham E. Taylor The Dow Chemical Company Intellectual Property P. O. Box 1967 Midland, Michigan 48641-1967 United States of America	involved: 1 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

Total number of pages including attachments: 5

Administrative Patent Assistant

(517) 636-0903

PATENT

REEL: 011557 FRAME: 0907

Christine A. Polansky	June 15, 1998
Jerry E. White	June 15, 1998
Juan M. Garces	June 30, 1998
Alexander Kuperman	July 1, 1998
David Z. Ridley	June 9, 1998

Effective as of April 20, 1998

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

FORM 110 (R 5/97)

Docket Ref. 44103

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:

POLYMER COMPOSITE AND A METHOD FOR ITS PREPARATION

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");

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. 09/062,915 Filing Date April 20, 1998

in country the United States of America 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 nomines(s)) to insert here any corresponding

Assignee may request; and I/we do hereby authorize Ass	ignee or its designee (or nominee(s)) to insert here any corresponding
<u>equivalent</u>	
Application No	Filing Date
in country	
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 Assigne	e 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 h	ave full power to make the same, but also that such assigned rights are not
encumbered by any grant, license, or other right heretofo	

Subscribed and Declared by me/us:

At: Freeport, 1	exas 77541, U.S.A.
this 15 day o	of June 1998
Effective as of A	pril 20, 1998
Signature:	stene a Polanky
Full Name:	Christine A. Polansky
Residence:	RR1 Box 1722
	Brazoria, Texas 77422
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, 7	Texas 77541, U.S.A.	
this 15 day o	5 / Bh	19 58
Effective as of	April 20, 1998	
	11/2	
Signature:		
Full Name;	Jerry E. White	
Residence:	418 Huckleberry Drive	
	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: Midland, Michigan 48674, U.S.A.
this 30 day of June 1948
Effective as of April 20, 1998
Signature: Joan W. James
Full Name: Juan M. Garces
Residence: 1106 West Sugnet
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

At: Midland, M	fichigan 48674, U.S.A.	,
this day of	of July 1998	_
Effective as of A	18/1/20.718/98	
	7 19 /	
Signature:	· Muga-	
Full Name:	Alexander Kuperman	
Residence:	903 Deerfield Court	
	Midland, Michigan 48640	
Country:	United States of America	
Citizenship:	Canada	
P. O. Address:	Same as Residence	
Employed By:	The Dow Chemical Company	
Of Country:	United States of America	

(X) Additional names and signatures are attached.

PATENT

REEL: 011557 FRAME: 0909

FORM 113

Page two of two

Docket Ref. 44103

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

At: Freeport, Texas 77541, U.S.A.	At:	
this 7 day of June 19 98 Effective as of April 20, 1998 Signature: And Really	this day of	19
20, 1998		
Signature: 2 A C2 Rad L		
Full Name: David Z. Ridley	Signature:	
Residence: 13 Ranchhouse Loop	ruii Name:	
Angleton, Texas 77515	Residence:	
Country: United States of America	01	
Citizenship: United States of America	Country:	
P. O. Address: Same as Residence	Citizenship: P. O. Address:	
Employed By: The Dow Chemical Company	Employed By:	
Of Country: United States of America	Of Country:	
	or country.	
Δ1.	i	
At:	At:	
uns 19	At: day of	19
Signature:		
Full Name:	Signature:	
Residence:	ruli Name:	
	Residence:	
Country:	_	
Citizenship:	Country:	
P. O. Address:	Citizenship:	
Employed By:	P. O. Address:	
Of Country:	Employed By:	
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Signature:		
Full Name:	Signature:	
Residence:	Full Name:	
	Residence:	
Country:		
Citizenship:	Country:	
P. O. Address:	Citizenship:	
Employed By:	P. O. Address:	
Of Country:	Employed By:	
	Of Country:	
At:	At:	
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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:	
	•	

FORM 222

NOTARIAL CERTIFICATE (INDIVIDUAL)

TOTAL CHILIDATE
UNITED STATES OF AMERICA) STATE OF TEXAS) SS County/Parish of Brazoria)
On this 15 day of 4 UNL 1998, personally appeared before me,
Christine A. Polansky 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 TAMMY L. TIPPS Notary Public, State of Texase My Commission Express March 10, 2002
NOTARIAL CERTIFICATE (INDIVIDUAL)
UNITED STATES OF AMERICA) STATE OF TEXAS) SS County/Parish of Brazoria)
On this 15 day of 9 wll 1998, personally appeared before me,
Jerry E. White 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 TAMMY L. TIPPS Notary Public, State of Texase My Commission Expires March 10, 2002
NOTARIAL CERTIFICATE (INDIVIDUAL)
UNITED STATES OF AMERICA) STATE OF MICHIGAN) SS County/Parish of Midland)
On this 30 day of Juno 1998, personally appeared before me,
Juan M. Garces 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
JENNIFER K. HUGO NOTARY PUBLIC, BAY GOUNTY, MICHIGAN ACTING IN MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES OCTOBER 9, 2001

PATENT REEL: 011557 FRAME: 0911

Docket Ref. 44103

FORM 221

Docket Ref. 44103

NOTARIAL CERTIFICATE (INDIVIDUAL)

UNITED STATES OF AMERICA STATE OF MICHIGAN County/Parish of Midland)) SS)
On this day of before me,	19 <u>98</u> , personally appeared
	Alexander Kuperman
	e the individual described in and who executed the owledged the same as a free act and deed for uses and
JKH SEAL	Notary Public JENNIFER K. HUGO NOTARY PUBLIC, BAY GOUNTY, MICHIGAN ACTING IN MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES OCTOBER 9, 2001
NOTAR	HAL CERTIFICATE (INDIVIDUAL)
UNITED STATES OF AMERICA STATE OF TEXAS County/Parish of Brazoria)) SS)
On this 9 day of before me,	June 1998, personally appeared
	David Z. Ridley
known or identified to me to be foregoing document and acknowurposes therein expressed.	e the individual described in and who executed the owledged the same as a free act and deed for uses and
SEAL	January L. Tippo Notary Public
Notary Public	L. TIPPS c, State of Texas cornes March 10, 2002

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 48674, USA
this 20 day of February 20 07
Heather Pomranky Office Professional THE DOW CHEMICAL COMPANY
NOTARIAL CERTIFICATE
UNITED STATES OF AMERICA) STATE OF MICHIGAN) SS County/Parish of Midland)
On this 20 day of FOMM 2007, personally appeared before me, Heather Pomranky
-
known or identified to me to be the individual 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, Midland County, Michigan My Commission Expires April 20, 2005

RECORDED: 02/22/2001