08-03-19	998
FORM PT0-1595 Rev. 08/28/92 7-27-98 1007818	
Assistant Commissioner for Patents and Trademarks: Pl	ease record the attached original documents or copy thereof
<ol> <li>Name of conveying party(ies): John O. Bieser James D. Goins David C. Kelley Lichih R. Peng Robert R. Turley</li> </ol>	2. Name and address of receiving party(ies): THE DOW CHEMICAL COMPANY 2030 Dow Center, Abbott Road Midland, Michigan 48640 United States of America
Additional name(s) of conveying party(ies) is attached.	Additional name(s) & address(es) are attached.
<ul> <li>3. Nature of conveyance:</li> <li>× Assignment</li> <li>Security Agreement</li> <li>Other</li> </ul>	Merger Change of Name
Execution Date(s) April 29, 1998; April 28, 19	98; May 7, 1998; April 28, 1998
<ul> <li>If this document is being filed together with a new application application is:</li> <li>Additional Application Number</li> </ul>	ation, the execution date of the (s) or Patent Number(s) are attached.
<ol> <li>Name and address of party to whom correspondence concerning document should be mailed:</li> </ol>	6. Total number of applications and patents involved: 1
Stephen S. Grace The Dow Chemical Company Patent Department P. O. Box 1967 Midland, Michigan 48641-1967 United States of America	<ul> <li>7. Total fee (37 CFR 3.41) \$40.00</li> <li>☐ Enclosed</li> <li>☑ Please deduct the above fee from our Deposit Account</li> <li>8. Deposit Account <u>Q4-1512</u>. If this estimate is incorrect, please debit or credit our account</li> </ul>
IGUYEN 00000173 041512 08611274	accordingly.
IGUYEN 00000173 041512 08611274 7	accordingly.

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: June 30, 1998

2155-883(Shaw Ind.)

Deborah Crushy & Aude

Deborah Crosby DuLude Administrative Patent Assistant (517) 636-0630

Total number of pages including attachments: 4

PATENT REEL: 9348 FRAME: 0144

FORM 110 (R 5/97)

Docket Ref. 2155-883

## 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:

#### CARPET, CARPET BACKINGS AND MEHTODS

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 to insert here the

Application No. 08/611,274 Filing Date February 27, 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 nominee(s)) to *insert here any corresponding equivalent* 

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 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: FREEPOR	RT, TEXAS 77541, USA	At: FREEPORT, TEXAS 77541, USA		
	of APPLIC 1998	this 29 day o	f Upril 1978	
Effective as of February 27, 1998		Effective as of February 27, 1998.		
		Signature: Dermin W Doring		
Signature:	tol U. A	Signature:	fing W work	
Full Name:	John O. Bieser	Full Name:	James D. Goins	
Residence:	2115 Banks	Residence:	118 Lily	
	Houston, Texas, 77098		Lake Jackson, Texas, 77566	
Country:	United States of America	Country:	United States of America	
Citizenship:	United States of America	Citizenship:	United States of America	
P. O. Address:	Same as Residence	P. O. Address:	P.O. Box 1447	
Employed By:	The Dow Chemical Company	Employed By:	The Dow Chemical Company	
Of Country:	United States of America	Of Country:	United States of America	
		Fishers	IN HUOJE	
At: FREEPOF	FREEPORT, TEXAS 77541, USA		RT, TEXAS 77541, USA	
this 28 day of Centric 1978			of may 1998	
	February 27, 1998		February 27. 1998	
			$\mathcal{P} \to \mathcal{P}$	
Signature: 🗋 🗋	sand C Kelles	Signature:	hick Reng	
Full Name:	David C. Kelley	Full Name:	Lichih R. Peng	
Residence:	305 Oak Forest Drive	Residence:	7560 Saint George Boulevard	
	Angleton, Texas, 77515		Fischer, Indiana, 46038	
Country:	United States of America	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:

(X) Additional names and signatures are attached.

United States of America

Of Country:

United States of America \*At Time of the Invention.

	•113•113•113•113•113•113•113•113•113•11
ment 113 is in the ENGLISH language and has the same meaning in other languages with the same 113 num	nber and R/Date
	Docket Ref. 2155-88
0	two of two
Additional names, addresses and signature	s to be attached to Form No. 110
Entitled: INDIVIDUAL ASSIGNMENT AND INV	
	NAMES IN STREAM AT BOARD RADIAL AREA A REFLY
At: FREEPORT, TEXAS 77541, USA	At:
this <b>28</b> day of <b>CDNI</b> 19975 Effective as of February 27/1998	this day of 19
Enective as of February 212 1998	
Signature: <u>Lalest R. Leveley</u>	Signature
Full Name: Robert R. Turley	Signature: Full Name:
Residence: 606 Lake Road	Residence:
Lake Jackson, Texas, 77566	
Country: United States of America	Country:
Citizenship: United States of America	Citizenship:
P. O. Address: Same as Residence	P. O. Address:
Employed By: The Dow Chemical Company Of Country: Enited States of America	Employed By:
Of Country: United States of America	Of Country:
At:	At
this day of 19	At:
Signature	
Signature:	Signature:
Residence:	Full Name:
	Residence:
Country:	Country:
Citizenship:	Country: Citizenship:
P. O. Address:	P. O. Address:
Employed By:	Employed By:
Of Country:	Of Country:
At:	
At:	At:
	this day of 19
Signature:	Signatura
Full Name:	Signature: Full Name:
Residence:	Residence:
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P. O. Address: Employed By: Of Country:	Citizenship: P. O. Address: Employed By: Of Country:
P. O. Address: Employed By: Of Country: At: this day of 19 Signature:	Citizenship: P. O. Address: Employed By: Of Country: At: this day of 19 Signature:
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P. O. Address: Employed By: Of Country: At: thisday of19 Signature: Full Name: Residence: Country:	Citizenship: P. O. Address: Employed By: Of Country: At: thisday of19 Signature: Full Name: Residence: Country:

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

FORM 221

Docket Ref. 2155-883

## NOTARIAL CERTIFICATE (INDIVIDUAL)

UNITED STATES OF AMERICA)STATE OF TEXAS)SSCounty/Parish of Brazoria)

On this <u>28<sup>th</sup></u> day of <u>Hpuil</u> <u>1998</u>, personally appeared before me,

Daivd C. Kelley and Robert R. Turley

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.

Maryan M. Varanette

SEAL

MaryAnn M. Navarrette

### NOTARIAL CERTIFICATE (INDIVIDUAL)

UNITED STATES OF AMERICA)STATE OF TEXAS)SSCounty/Parish of Brazoria)

On this  $29^{\pm}$  day of <u>Hpux</u> 19.98, personally appeared before me,

John O. Bieser and James D. Goins

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.

Marylinn M. Navanette

SEAL

Notary Pablic MaryAnn M. Navarrette

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

FORM 220

Docket Ref. 2155-883

# NOTARIAL CERTIFICATE (INDIVIDUAL)

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

On this  $\frac{1}{2}$  day of <u>May</u> 19<u>98</u>, personally appeared before me,

Lichih R. Peng

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.

their Schon

SEAL

Notary Public