Rev. 08/28/92 M & D

07-14-2000 

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

	101403998					
	Assistant Commissioner for Pater	nts and Trademarks: Please record the attached original documents or copy thereof.				
	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  Execution Date(s) ** See Attack					
	Application Number(s) or Patent N	W				
		ether with a new application, the execution date of the application is:  oplication Number(s) or Patent Number(s) are attached.				
	Name and address of party to whom co concerning document should be mailed					
	Graham E. Taylor The Dow Chemical Compan Intellectual Property P. O. Box 1967 Midland, Michigan 48641	Please deduct the above fee from our Deposit Account  -1967  8. Deposit Account 04-1512. If this estimate is				
/1 <i>4 /2</i> 00/\ <b>B</b>	United States of Americ UYEN 00000052 041512 09117131	a incorrect, please debit or credit our account accordingly.				
FC:581	#UYEN 00000052 041512 09117131 40.00 CH	DO NOT USE THIS SPACE				
	9. Statement and signature:  To the best of my knowledge and belicopy of the original document.	ef, the foregoing information is true and correct and any attached copy is a true				
	Dated: June 13, 2000	Heather Terry				
	38,099L US	Administrative Patent Assistant (517) 636-0903				

Total number of pages including attachments: 10 **PATENT** 

July 11, 1997
July 2, 1997
July 7, 1997
July 2, 1997
July 2, 1997
July 7, 1997
July 3, 1997

Effective as of July 10, 1997

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

FORM 110 (R 5/97)

Docket Ref. 38099L

#### 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:

#### ASPHALT MODIFIED WITH OLEFIN/VINYLIDENE AROMATIC MONOMER INTERPOLYMERS

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. PCT/US97/12567 Filing Date July 10, 1997

in country International

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. OT 117 Filing Date <u>July 23, 1998</u> in country the United States of America

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: Freeport, T	Texas 77541 U.S.A. of
Signature:_	ans C. Sleven
Full Name:	James C. Stevens
Residence(	2026 Pecan Trail Drive
	Richmond, Texas 77469-6719
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

	Michigan 48674, U.S.A.
this <u>2</u> day o	f_ Gelm1977
1	- 0.7
Signature	sanos V. Jumes
Full Name:	Francis J. Timmers
Residence	4605 Lund Drive
	Midland, Michigan 48642-6807
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. \_\_ day of \_\_\_\_ Signature: Full Name: Arnold L. Gatzke Residence 204 Hunters Ridge Midland, Michigan 48640 **United States of America** Country: Citizenship:

**United States of America** Same as Residence

The Dow Chemical Company\* Employed By: Of Country: **United States of America** 

\*At the time of invention was made.

At: Midland, Michigan 48674, U.S.A. this 2 day of \_ Signature: Corwin J. Bredeweg Full Name: Residence 5709 Leeway Drive Midland, Michigan 48640 **United States of America** Country: United States of America Citizenship:

Same as Residence P. O. Address: The Dow Chemical Company\* Employed By: **United States of America** Of Country: \*At the time of invention was made.

P. O. Address:

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** 

Docket Ref. 38099L

#### Page two of two

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

At: 2 day of July 1997  Signature: Kevin W. McKay Residence 2783 Sun Terrace White Bear Lake, Minnesota 55110  Country: United States of America Citizenship: United States of America P. O. Address: Same as Residence Employed By: Of Country: United States of America *At the time of invention was made.	At: this
At: Freeport, Texas 77541, U.S.A. this3 day of	At: this day of 19
At: this day of	At: this day of 19  Signature: Full Name: Residence  Country: Citizenship: P. O. Address: Employed By: Of Country:
At: this day of 19  Signature: Full Name: Residence  Country: Citizenship: P. O. Address: Employed By: Of Country:	At: this day of 19

his 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. 38099L

## NOTARIAL CERTIFICATE (INDIVIDUAL)

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

On this 2nd day of July 1997, personally appeared before me,

Kevin W. McKay

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** 

GAIL S. LOLAND

Notary Public - Minnesota

My Consenssion Expires 1/31/2000

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

NOTARIAL CERTIFICATE (INDIVIDUAL)

UNITED STATES OF AMERICA )
STATE OF TEXAS ) SS

County/Parish of Brazoria

On this 3rd day of the before me,

19<u>77</u>, personally appeared

Docket Ref. 38099L

Charles F. Diehl

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.

AUTREY L. BROWN
Notary Public, State of Texas
My Commission Expires Jan. 25, 2000

Notary Public

Autrey L. Brown

his 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. 38099L

### NOTARIAL CERTIFICATE (INDIVIDUAL)

UNITED STATES OF AMERICA STATE OF LOUISIANA County/Parish of Iberville	)	SS	
On this $7^{\frac{1}{12}}$ day of $\frac{1}{2}$ before me,	<b>,</b>		19 <b>97</b> , personally appeared

William A. Gros

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

RV

RANDY I. VAUGHN, NOTARY PUBLIC State of Louisiana, Parish of Iberville My Commission is for Life.

Randy J. Vaughn

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. 38099L

#### NOTARIAL CERTIFICATE (INDIVIDUAL)

	UNITED STATES OF AMERICA ) STATE OF MICHIGAN ) SS County/Parish of Midland )
	On this 2 day of July 1997, personally appeared before me,
	Francis J. Timmers, Corwin J. Bredeweg
	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.
SY CO	SEAL Townsel Bromboushi
	JENNIFER K, GREMBOWSKI  NOTARY PUBLIC, BAY COUNTY, MICHIGAN ACTING IN MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES OCTOBER 9, 2000  NOTARIAL CERTIFICATE (INDIVIDUAL)
	UNITED STATES OF AMERICA ) STATE OF MICHIGAN ) SS County/Parish of Midland )
	On this day of
	Arnold L. Gatzke
	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.
JK	G
	SEAL Townson & Arcomboush Notary Public
	JENNIFER K. GREMBOWSKI NOTARY PUBLIC. BAY COLINTY, MICHIGAN

ACTING IN MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES OCTOBER 9, 2000

his 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** 

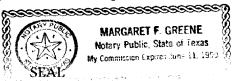
Docket Ref. 38099L

### NOTARIAL CERTIFICATE (INDIVIDUAL)

UNITED STATES OF AMERICA STATE OF TEXAS County/Parish of Brazoria	A ) ) SS )	
On this // day of	Tuly	_19 <u>97</u> , personally appeared

James C. Stevens

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.



Mayaret F. Science

This Assignce 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:

THE DOW CHEMICAL COMPANY

2030 Dow Center

Midland, Michigan 48674

UNITED STATES OF AMERICA

hereby accept the ASSIGNMENT attached hereto which is dated: July 2, 1997; July 3, 1997; July 7, 1997 and July 11, 1997

From, the ASSIGNOR: James C. Stevens, 2026 Pecan Trail Drive, Richmond, Texas 77469 United States of America; Francis J. Timmers, 4605 Lund Drive, Midland, Michigan 48642 United States of America; Arnold L. Gatzke, 204 Hunters Ridge, Midland, Michigan 48640 United States of America; Corwin J. Bredeweg, 5709 Leeway Drive, Midland, Michigan 48640 United States of America; Kevin W. McKay, 2783 Sun Terrace, White Bear Lake, Minnesota 55110 United States of America; and William A. Gros, 5045 Fiveforks Drive, Baton Rouge, Louisiana 70817 United States of America and Charles F. Diehl, 119 Dewberry Drive, Lake Jackson, Texas 77566 **United States of America** 

of the invention entitled:

ASPHALT MODIFIED WITH OLEFIN/VINYLIDENE AROMATIC MONOMER INTERPOLYMERS 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 \_\_\_\_\_ day of Cusurt

SIGNATHE DOW CHEMICAL COMPANY

CORP. **SEAL** 

STEPHEN S. GRACE **General Patent Counsel** 

**NOTARIAL CERTIFICATE (Corporation)** 

UNITED STATES OF AMERICA STATE OF MICHIGAN SS

County/Parish of Midland

On this 20 day of Jugus

, personally appeared before me, STEPHEN S. GRACE,

General Patent Counsel, The Dow Chemical Company

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 the State of Delaware, United States of America.

I further certify that said authority, dated July 14, 1994, is based on

a Resolution of the Board of Directors

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.

RECORDED: 06/15/2000

SEAL

Notary Public JULIE M. TYRREIL

NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES APRIL 9, 1999

Attach this Assignee Acceptance 660 to an ASSIGNMENT in the English language