FORM PTO-1595 Rev. 08/28/92

Name of conveying party(ies):

09-16-2003



102551655

Assistant Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereof.

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

2-03	2. Name and address of receiving party(ies): THE DOW CHEMICAL COMPANY 2030 Dow Center Midland, Michigan 48674
	2030 Dow Center
	Midland, Michigan 48674
	LINITED OTATEO OF AMEDICA

	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:			
	☐ Merger ☐ Change of Name		
Execution Date(s) July 10, 2000			
4. Application Number(s) or Patent Number(s):  60/170,421 December 13, 1999 09/734,537 December 11, 2000  If this document is being filed together with a new application,  Additional Application Number(s) or Patent Number(s)			
Name and address of party to whom correspondence concerning document should be mailed:  6. inv	. Total number of applications and patents avolved: $\underline{1}$		
The Dow Chemical Company Intellectual Property P. O. Box 1967 Midland, Michigan 48641-1967 United States of America	<ul> <li>☐ Enclosed</li> <li>☑ Please deduct the above fee from our Deposit Account</li> <li>8. Deposit Account 04-1512. If this estimate is incorrect, please debit or credit our account</li> </ul>		
	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.

DO NOT USE THIS SPACE

Dated: September 10, 2003

60,100 US

09/15/2003 LMUELLER 00000320 041512 60170421

01 FC:8021

80.00 DA

Crystal S. Rohde Office Professional

(989) 636-1954

Total number of pages including attachments: 6

● 440 ● 440

This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number.

**FORM 440** 

### **ASSIGNMENT**

(with Priority Rights) and

#### INVENTORSHIP DECLARATION

We, ASSIGNOR, of:

DOW DEUTS CHLAND INC. Zweigniederlassung, Stade Buetzflethersand, P.O. Box 1120 21677 Stade GERMANY

a corporation incorporated under the laws of the State of Delaware, United States of America and organized and existing under the laws of Germany do hereby claim and declare that we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof from the sole, true and first inventor(s):

Joseph Gan, 100, Route du Polygone, Strasbourg 67100, France; Alan Goodson, Gutenbergstrasse 8, D-77836 Rheinmuenster, Germany

by an Assignment dated: July 4, 2000 of an invention relating to and entitled:

# FLAME RETARDANT PHOSPHORUS ELEMENT-CONTAINING EPOXY RESIN COMPOSITIONS

We do hereby declare, for good and valuable consideration assign, and transfer unto:

received, sell,

WE, the ASSIGNEE:

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, Cinited States of America out entire fight,
title and interest throughout the world, in and to the invention and all rights and powers to make application for Letters Patent in its
own name, or in the name of its nominee; and all rights and powers to file any reissue, divisional, continuing or substitute application
and any corresponding applications in any and all countries, including all rights to claim priority under all International Conventions
and Treaties in the name of said Assignee, and do hereby authorize said Assignee to insert here the
Priority Number US 60/170,421 and Filing Date December 13, 1999
in United States of America
of the application on which the priority will be based; and in and to any Letters Patent that may be issued for said invention in any and all countries; and we do hereby agree to assist said Assignee in the prosecution of the said applications and in any interference,
conflict, opposition or litigation which may arise involving said invention or the patent or patents thereon, and to execute any reissue,
divisional, continuing or substitute application and assent to their making any applications in other countries corresponding to the
above and below specifically identified application, as may be requested by said Assignee; and we do hereby authorize said Assignee
to insert here the
Corresponding Application No. 09/734,537 and Filing Date December 11,2000
in the United States of America
of the corresponding application in any country where that patent property must be entered for recordal of this Assignment; and we do
hereby authorize and request that any such Letters Patent be issued to said Assignee in accordance herewith, and consent to the recordal of this Assignment being under covenant, not only that 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 Sworn by us at Midland, Michigan 48674, U.S.A.
this 10 day of July, 2000
DOW DEUTSCHLAND INC.
CORP.
SEAL
By: that R
GRAHAM E. TAYLOR
Assistant General Counsel, Intellectual Property, THE
DOW CHEMICAL COMPANY, authorized to act for and
on behalf of DOW DEUTSCHLAND INC.

Attach Notarial Certificate (Corporation)

This Notarial Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number. FORM 550

UNITED STATES OF AMERICA

### **NOTARIAL CERTIFICATE (Corporation)**

before me, GRAHAM E. TAYLOR, Assistant General Counsel, Intellectual Property, THE DOW CHEMICAL COMPANY, authorized to act for and on behalf of DOW DEUTSCHLAND INC.,

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 incorporated under the laws of the State of Delaware, United States of America and organized and existing under the laws of Germany.

I further certify that said authority, dated September 28, 1999, is based on

#### a Power of Attorney

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.

**SEAL** 

Melissa M. Higgins-Yaw Netsry Public, Saginaw County, Michigan Acting in Midland County, Michigan My commission expires August 22, 2004

This Assignee 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:

DOW DEUTSCHLAND INC. Zweigniederlassung, Stade Buetzflethersand, P.O. Box 1120

21677 Stade GERMANY

hereby accept the ASSIGNMENT attached hereto which is dated: July 4, 2000

From, the ASSIGNOR: Joseph Gan, 100, Route du Polygone, Strasbourg 67100, France; Alan Goodson, Gutenbergstrasse 8, D-77836 Rheinmuenster, Germany

of the invention entitled:

## FLAME RETARDANT PHOSPHORUS ELEMENT-CONTAINING EPOXY RESIN COMPOSITIONS

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, U.S.A.
this 10 day of, 2000
DOW DEUTSCHLAND INC.
CORP.
SEAL By:
GRAHAM E. TAYLOR
Assistant General Counsel, Intellectual Property, THE
DOW CHEMICAL COMPANY, authorized to act for and on behalf of DOW DEUTSCHLAND INC.
on benan of DOW DE015CHLAND INC.
NOTARIAL CERTIFICATE (Corporation)
UNITED STATES OF AMERICA )
STATE OF Michigan ) SS
County/Parish of Midland )
On this 10th day of July , 2000 , personally appeared
before me, GRAHAM E. TAYLOR, Assistant General Counsel, Intellectual Property, THE
DOW CHEMICAL COMPANY, authorized to act for and on behalf of DOW DEUTSCHLAND
INC., 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 incorporated under the laws of the State of Delaware, United
States of America and organized and existing under the laws of Germany.
I further certify that said authority, dated September 28, 1999, is based on
a Power of Attorney
which I have seen, appointing the said individual <b>Attorney-in-fact</b> 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.
Melvore, M. Hospins Kur
SEAL Notary Public
MMH

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

This Assignee 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 10, 2000

From, the ASSIGNOR:

DOW DEUTSCHLAND INC. Zweigniederlassung, Stade Buetzflethersand, P.O. Box 1120

21677 Stade

GERMANY

of the invention entitled:

## FLAME RETARDANT PHOSPHORUS ELEMENT-CONTAINING EPOXY RESIN COMPOSITIONS

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, U.S.A.
this 10	day of July, 2000
	THE DOW CHEMICAL COMPANY
CORI	
SEAL	By: Shul For
	GRAHAM E. TAYLOR
	Assistant General Counsel, Intellectual Property

### **NOTARIAL CERTIFICATE (Corporation)**

UNITED STATES OF AMERICA	
STATE OF Michigan	) SS
County/Parish of Midland	)
On this 10th day of 1	, 2000, personally appeared
before me, GRAHAM E. TAYLOR, Ass	sistant General Counsel, Intellectual Property, THE
DOW CHEMICAL COMPANY,	
known or identified to me to be the individu	ual described in and who executed the foregoing document
and calculated and the some on a free set on	nd deed for uses and nurnoses therein expressed by

and acknowledged the same as a free act and deed for uses and purposes therein expressed by authority of the said Corporation incorporated under the laws of the State of Delaware, United States of America.

I further certify that said authority, dated September 7, 1999, is based on

#### A Resolution of the Board of Directors of the said Corporation

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.

SEAL =

Melissa M. Higgins-Yaw Notary Public, Saginaw County, Michigan Acting in Midland County, Michigan My commission expires August 22, 2004

## 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		
this10 <sup>1h</sup>	_ day of	September	20 <u>03</u>	
		Offic	stal S. Rohde e Professional CHEMICAL COMP	ANY
<u>!</u>	NOTAR	RIAL CERT	IFICATE	
UNITED STATES OF STATE OF <b>MICHIGAN</b> County/Parish of <b>Mid!</b>	4	) ) SS )		
On this <u>10<sup>th</sup></u> appeared before me,	day of	September	20 <u>03</u> , p	ersonally
		Crystal S. Roh	nde	
known or identified to and acknowledged the expressed.				
cala SEAL		Oau Notary Pub	eline ann	Ling
			Caroline Ann Notary Public, Gladwin Co Acting in Midland Cour My Commission Expires	ounty, Michigan ntv. <b>Michigan</b>

**RECORDED: 09/12/2003**