

01-27-2003



102348264

Office of Public Records  
of Patents and Trademarks: Please record the attached original documents or copy thereof.

Attorney Docket No. DOW-30349

-21-23

1. Name of conveying party

Thoi H. Ho  
Wendy D. Hoenig  
Che-I Kao  
Michael E. Rowland  
Clark H. Cummins  
Michael J. Mullins  
H. Craig Silvis

2. Name and address of receiving party

Name: Dow Global Technologies Inc.  
Street Address: Washington Street, 1790 Building  
City: Midland State: MI ZIP: 48674

2003 JAN 21 AM 9:30

FINANCE SECTION

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: August 26, 1998

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is \_\_\_\_\_ and the application is being sent via Express Mail having Express Mail Label No. \_\_\_\_\_ and is identified as Attorney Docket No. DOW-30349.

A. Patent Application No.

B. Patent No.

09/140,603

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Alan E. Wagner

Internal Address: Whyte Hirschboeck Dudek S.C.

Street Address: 111 East Wisconsin Avenue, Suite 2100

City: Milwaukee State: WI ZIP: 53202

6. Total number of applications and patents involved: One (1)

7. Total fee \$40.00

☒ Enclosed

☐ Authorized to be charged to Deposit Account No. 23-2053

DO NOT USE THIS SPACE

9. 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.

Alan E. Wagner  
Name of Person Signing

Alan E. Wagner  
Signature

January 14, 2003  
Date

Total number of pages including cover sheet: Ten (10)

01/24/2003 DBYRNE 00000128 09140603

01 FC:8021

40.00 OP

MKE/816621.1

PATENT  
REEL: 013681 FRAME: 0865

This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number

FORM 660

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

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: **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, United States of America 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):

**Thoi H. Ho, 54 Orchid Court, Lake Jackson, Texas 77566, United States of America**  
**Wendy D. Hoenig, 205 Violet, Lake Jackson, Texas 77566, United States of America**  
**Che-I Kao, 301 Huckleberry, Lake Jackson, Texas 77566, United States of America**  
**Michael E. Rowland, 402 Daffodil, Lake Jackson, Texas 77566, United States of America**  
**Clark H. Cummins, 4317 Washington Street, Midland, Michigan 48642, United States of America**  
**Michael J. Mullins, 302 Juniper, Lake Jackson, Texas 77566, United States of America**  
**H. Craig Silvis, 1908 Candlestick Lane, Midland, Michigan 48642, United States of America**

of an invention relating to and entitled:

### RHEOLOGY MODIFICATION OF POLYMERS PREPARED USING METALLOCENES

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

WE, the ASSIGNEE: **DOW GLOBAL TECHNOLOGIES INC.**  
**Washington Street**  
**1790 Building**  
**Midland, Michigan 48674**  
**UNITED STATES OF AMERICA**

a corporation organized and existing under the laws of the State of Delaware, United States of America our entire right, 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 09/140,603 and Filing Date August 26, 1998  
 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. \_\_\_\_\_ and Filing Date \_\_\_\_\_  
 in \_\_\_\_\_

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, USA  
 this 12 day of December 20 02

CORP.  
SEAL

**THE DOW CHEMICAL COMPANY**

By:   
**GRAHAM E. TAYDOR**  
 Associate General Counsel, Intellectual Property

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.

● 550 ●

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

FORM 550

**NOTARIAL CERTIFICATE (Corporation)**

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

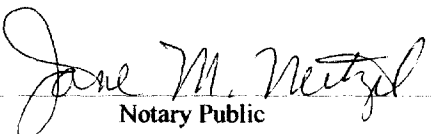
On this 12 day of December, 20 02, personally appeared  
 before me, **GRAHAM E. TAYLOR, Associate General Counsel, Intellectual Property, THE  
 DOW CHEMICAL COMPANY,**  
 known or identified to me to be the individual described in and who executed the foregoing document  
 and acknowledged the same as a free act and deed for uses and purposes therein expressed by  
 authority of the said corporation 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

  
 Notary Public

**JANE M. NEITZEL**  
 NOTARY PUBLIC, BAY COUNTY, MICHIGAN  
 ACTING IN MIDLAND COUNTY, MICHIGAN  
 MY COMMISSION EXPIRES SEPTEMBER 26, 2003

PATENT

REEL: 013681 FRAME: 0868

# 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: **RHEOLOGY MODIFICATION OF POLYMERS PREPARED USING METALLOCENES**

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

<i>Application No.</i>	<b>09/140,603</b>	<i>Filing Date</i>	<b>August 26, 1998</b>
------------------------	-------------------	--------------------	------------------------

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: **Freeport, Texas 77541, USA**  
this 24 day of September 1997  
Effective as of August 26, 1998

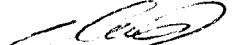
Signature: *Thoi H Ho*  
Full Name: **Thoi H. Ho**  
Residence: **54 Orchid Court**  
**Lake Jackson, Texas 77566**  
Country: **United States of America**  
Citizenship: **United States of America**  
P. O. Address: **Same as Residence**  
Employed By: **The Dow Chemical Company**  
Of Country: **United States of America**

At: **Freeport, Texas 77541, USA**  
this 6<sup>th</sup> day of October 1998  
Effective as of August 26, 1998

Signature:   
Full Name: **Wendy D. Hoenig**  
Residence: **205 Violet  
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: **Freeport, Texas 77541, USA**  
this 22 day of September 19 98  
Effective as of August 26, 1998

Signature:   
Full Name: **Che-I Kao**  
Residence: **301 Huckleberry  
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: **Freeport, Texas 77541, USA**  
this 21 day of September 1998  
Effective as of August 26, 1998

Signature: Michael E Rowland  
Full Name: **Michael E. Rowland**  
Residence: **402 Daffodil**  
**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**

( X ) Additional names and signatures are attached.

**PATENT**  
**REEL: 013681 FRAME: 0869**

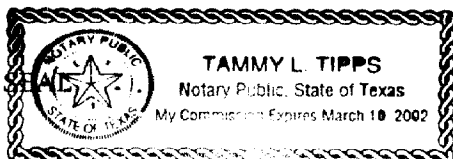


Docket Ref. 44268

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

On this 24 day of September 1998, personally appeared \_\_\_\_\_

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.

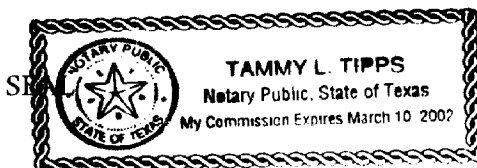


Sammy L. Lipp  
Notary Public

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

On this 6 day of October, 1998, personally appeared

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.



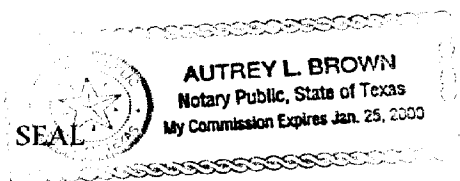
Tammy L. Tipp  
Notary Public

**PATENT**  
**REEL: 013681 FRAME: 0871**

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

On this 27 day of September 19 98, personally appeared

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.

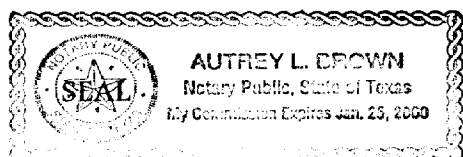


*Anthony L. Brown*  
Notary Public

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

On this 21 day of September 19 98, personally appeared

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.



Antony L Brown  
Notary Public



Docket Ref. 44268

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

Clark H. Cummins

20

Notary Public

**CARLA S. SAMUEL  
NOTARY PUBLIC, BAY COUNTY, MICHIGAN  
ACTING IN MIDLAND COUNTY, MICHIGAN  
MY COMMISSION EXPIRES OCTOBER 10, 2000**

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

H. Craig Silvis

SEAL

Rebecca Sue Hollingshead  
Notary Public

REBECCA SUE HOLLINGSHEAD  
NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN  
MY COMMISSION EXPIRES NOVEMBER 25, 2000

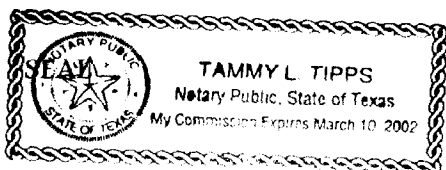
**PATENT**  
**REEL: 013681 FRAME: 0873**

Docket Ref. 44268

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

On this 22 day of September 1998, personally appeared

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.



Tammy L. Zupp  
Notary Public

**PATENT**  
**REEL: 013681 FRAME: 0874**