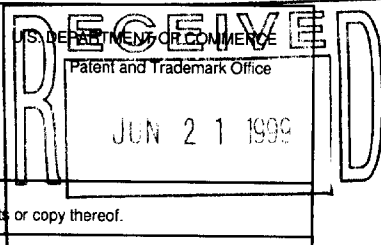


06-23-1999



101072328



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

1. Name of conveying party(ies):  
Mark H. McAdon Francis J. Timmers  
Jerzy Klosin Daniel D. VanderLende  
Peter N. Nickias  
Jasson T. Patton  
Ravi B. Shankar

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.

3. Nature of conveyance:

☒ Assignment

☐ Security Agreement

☐ Other \_\_\_\_\_

☐ Merger

☐ Change of Name

Execution Date(s) June 3, June 4, June 8, June 10, 1999 Effective as of October 14, 1997

4. Application Number(s) or Patent Number(s):  
08/949,505 Filed October 14, 1997

If this document is being filed together with a new application, the execution date of the application is:

☐ Additional Application Number(s) or Patent Number(s) are attached.

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

Stephen S. Grace  
The Dow Chemical Company  
Patent Department  
P. O. Box 1967  
Midland, Michigan 48641-1967  
United States of America

6. Total number of applications and patents involved: 2

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 accordingly.

06/22/1999 NTH/1 00000236 041512 08949505

DO NOT USE THIS SPACE

01 FC:581 9. ~~46100-01~~ 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 17, 1999

Heather Terry  
Administrative Patent Assistant  
(517) 636-0903

43,084A US

Total number of pages including attachments: 6

**PATENT**  
**REEL: 010035 FRAME: 0031**

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:  
**FUSED RING SUBSTITUTED INDENYL METAL COMPLEXES AND POLYMERIZATION PROCESS**  
 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:


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

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.

At: **Midland, Michigan 48674, USA**  
this 4 day of June 1997  
Effective as of October 14, 1997

Signature: *Mark H. McAdon*  
Full Name: **Mark H. McAdon**  
Residence: **705 Stillmeadow Lane**  
**Midland, Michigan 48642**  
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, USA**  
this 3<sup>rd</sup> day of June 1999  
Effective as of October 14, 1997

Signature:   
Full Name: **Jerzy Klosin**  
Residence: **2209 Parkwood Drive**  
**Midland, Michigan 48642**  
Country: **United States of America**  
Citizenship: **Poland**  
P. O. Address: **Same as Residence**  
Employed By: **The Dow Chemical Company**  
Of Country: **United States of America**

At: **Midland, Michigan 48674, USA**  
this 4 day of June 19 98  
Effective as of October 14, 1997

Signature: Peter N. Nickias  
Full Name: **Peter N. Nickias**  
Residence: **2705 Mt. Vernon Drive  
Midland, Michigan 48642**  
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, USA**  
this 8 day of June 19 99  
Effective as of October 14, 1997

Signature: Jasson T. Patton  
Full Name: **Jasson T. Patton**  
Residence: **1302 Whitehall Street**  
**Midland, Michigan 48642**  
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**

**PATENT**  
**REEL: 010035 FRAME: 0032**

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

this 10 day of June 1999  
Effective as of October 14, 1997

Signature: Ravi B. Shankar  
Full Name: **Ravi B. Shankar**  
Residence: **4300 Congress Drive**  
**Midland, Michigan 48642**  
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**

this 10 day of June 1999  
Effective as of October 14, 1997

Signature: *Francis J. Timmers*  
Full Name: **Francis J. Timmers**  
Residence: **4605 Lund Drive  
Midland, Michigan 48642**  
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**

this 3rd day of June 1999  
 Effective as of October 14, 1997

Signature: D. D. VanderLende  
Full Name: **Daniel D. VanderLende**  
Residence: **5003 Kingsland Court**  
**Sugar Land, Texas 77479**  
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: \_\_\_\_\_  
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\_\_\_\_

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\_\_\_\_

Signature: \_\_\_\_\_  
Full Name: \_\_\_\_\_  
Residence: \_\_\_\_\_  
  
Country: \_\_\_\_\_  
Citizenship: \_\_\_\_\_  
P. O. Address: \_\_\_\_\_  
Employed By: \_\_\_\_\_  
Of Country: \_\_\_\_\_

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

On this 4 day of June 19 99, 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.

Carla B. Samuel

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

SEAL

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

On this 8 day of June 1999, 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.

Carla & Samuel

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

SEAL

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

On this 24 day of June 1999, 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.

Carla S Samuel

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

SEAL

**PATENT**  
**REEL: 010035 FRAME: 0034**

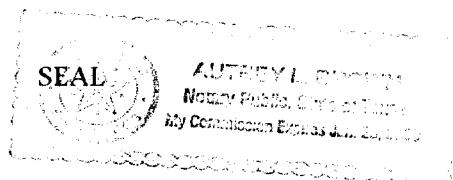
Docket Ref. 43084A css

Docket Ref. 43084A css

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

On this 3<sup>rd</sup> day of June 1999, 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

**PATENT**  
**REEL: 010035 FRAME: 0036**