

05-26-2004



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HEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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

1. Name of conveying party(ies):  
**THE DOW CHEMICAL COMPANY**  
2030 Dow Center  
Midland, Michigan 48674  
UNITED STATES OF AMERICA

2. Name and address of receiving party(ies):  
**DOW GLOBAL TECHNOLOGIES INC.**  
Washington Street  
1790 Building  
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:

☒ Assignment

☐ Security Agreement

☐ Other \_\_\_\_\_

☐ Merger

☐ Change of Name

Execution Date(s) **May 5, 2004**

4. Application Number(s) or Patent Number(s):

10/130,102    **May 14, 2002**

MAY 24 AM 8:23  
OPR/FINANCE

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

**The Dow Chemical Company**  
**Intellectual Property**  
**P. O. Box 1967**  
**Midland, Michigan 48641-1967**  
**United States of America**

6. Total number of applications and patents involved: 1

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.

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.*

Dated: May 20, 2004

60,020 Orig 2 US

**Crystal S. Rohde**  
Office Professional  
(989) 636-1954

05/25/2004 MGETACHE 00000122 041512 10130102

Total number of pages including attachments: 5

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**PATENT**  
**REEL: 015357 FRAME: 0157**

FORM 440

**PATENT**  
**REEL: 015357 FRAME: 0158**

[illegible]

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

[illegible]

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 GLOBAL TECHNOLOGIES INC.  
Washington Street  
1790 Building  
Midland, Michigan 48674  
UNITED STATES OF AMERICA**

hereby accept the ASSIGNMENT attached hereto which is dated:

From, the ASSIGNOR: **THE DOW CHEMICAL COMPANY**  
**2030 Dow Center**  
**Midland, Michigan 48674**  
**UNITED STATES OF AMERICA**

of the invention entitled:

## PROCESS FOR VINYL CHLORIDE MANUFACTURE FROM ETHANE AND ETHYLENE WITH PARTIAL $\text{HCl}$ RECOVERY FROM REACTOR EFFLUENT

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 5 day of May, 20 04

**DOW GLOBAL TECHNOLOGIES INC.**

CORP.  
SEAL

By: Noreen D. Warrick  
NOREEN D. WARRICK

**Secretary**

# NOTARIAL CERTIFICATE (Corporation)

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

On this 5 day of May, 2004, personally appeared before me, **NOREEN D. WARRICK, Secretary**, 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 **February 11, 2002**, is based on **an Authorization Policy 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

Ann Keriter  
Notary Public

*Ann Heritier*  
Notary Public, Bay County, Michigan  
Acting in Midland County  
My Commission Expires December 03, 2006

**PATENT**  
**REEL: 015357 FRAME: 0160**

**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

this 20<sup>th</sup> day of May 2004

Crystal S. Rohde

**Crystal S. Rohde**  
Office Professional  
THE DOW CHEMICAL COMPANY

**NOTARIAL CERTIFICATE**

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

On this 20<sup>th</sup> day of May 2004, personally appeared before me,

**Crystal S. Rohde**

known or identified to me to be the individual who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

SEAL  
*Crystal S. Rohde*

Abby Doyle  
Notary Public

**Abby Doyle**  
Notary Public, Saginaw County, Michigan  
Acting in Midland County, Michigan  
My Commission Expires September 27, 2005

RECORDED: 05/24/2004

**PATENT**  
REEL: 015357 FRAME: 0161