

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

## CONVEYING PARTY DATA

Name	Execution Date
Aleksander J. Pyzik	10/30/2000
Kenneth B. Stewart Jr.	02/28/2001
John M. Beckerdite	02/22/2001
Hari P. Reddy	02/15/2001
Ted A. Morgan	02/15/2001
Sharon M. Allen	10/30/2000
Kwanho Yang	02/15/2001
Nicholas M. Shinkel	02/22/2001
David F. Pawlowski	02/15/2001

## RECEIVING PARTY DATA

Name:	The Dow Chemical Company
Street Address:	2030 Dow Center
City:	Midland
State/Country:	MICHIGAN
Postal Code:	48674

## PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	60169809
Application Number:	10370205

## CORRESPONDENCE DATA

Fax Number: (989)636-3237

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: 989-636-1954

Email: CSRohde@dow.com

Correspondent Name: Crystal Rohde

Address Line 1: The Dow Chemical Company

**PATENT**

**REEL: 015816 FRAME: 0055**

**500024680**

CH \$80.00 60169809



Address Line 2:	1790 Building; Washington Street
Address Line 4:	Midland, MICHIGAN 48674

NAME OF SUBMITTER:	Crystal S. Rohde
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FORM 113

Docket Ref. 60204

Page two of two

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

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
Effective as of December 8, 1999

Signature: \_\_\_\_\_  
Full Name: **Uday V. Deshmukh**  
Residence: **833 Masters Drive**  
**Oceanside, California 92057**  
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 the time of the invention**

At: **Midland, Michigan 48674, USA**  
this **22** day of **February**, 20\_\_\_\_  
Effective as of December 8, 1999

Signature: \_\_\_\_\_  
Full Name: **Ted A. Morgan**  
Residence: **4610 Bristol Court**  
**Midland, Michigan 48640**  
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 **22** day of **February**, 20\_\_\_\_  
Effective as of December 8, 1999

Signature: \_\_\_\_\_  
Full Name: **Sharon M. Allen**  
Residence: **1383 East Pine River Road**  
**Midland, Michigan 48640**  
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 **22** day of **February**, 20\_\_\_\_  
Effective as of December 8, 1999

Signature: \_\_\_\_\_  
Full Name: **Kwanho Yang**  
Residence: **517 Stillmeadow Lane**  
**Midland, Michigan 48642**  
Country: **United States of America**  
Citizenship: **Korea**  
P. O. Address: **Same as Residence**  
Employed By: **The Dow Chemical Company**  
Of Country: **United States of America**

At: **Midland, Michigan 48674, USA**  
this **22** day of **February**, 20\_\_\_\_  
Effective as of December 8, 1999

Signature: \_\_\_\_\_  
Full Name: **Nicholas M. Shinkel**  
Residence: **1866 East North Union**  
**Bay City, Michigan 48706**  
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 **22** day of **February**, 20\_\_\_\_  
Effective as of December 8, 1999

Signature: \_\_\_\_\_  
Full Name: **David P. Pawlowski**  
Residence: **1053 East Prairie**  
**Midland, Michigan 48640**  
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 \_\_\_\_\_, 20\_\_\_\_

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

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

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



FORM 222

Docket Ref. 60204

### NOTARIAL CERTIFICATE (INDIVIDUAL)

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

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared  
before me,

Hari P. Reddy

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

Notary Public

LORRAINE MARY LIZAK  
NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN  
ATTENDING MICHIGAN BAR EXAMINATION  
MY COMMISSION EXPIRES FEBRUARY 10, 2005

### NOTARIAL CERTIFICATE (INDIVIDUAL)

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

On this 11<sup>th</sup> day of February, 2004, personally appeared  
before me,

Ted A. Morgan

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

Notary Public

Karen A. LaCroix  
NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN  
MY COMMISSION EXPIRES FEBRUARY 10, 2005

### NOTARIAL CERTIFICATE (INDIVIDUAL)

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

On this 30<sup>th</sup> day of October, 2000, personally appeared  
before me,

Sharon M. Allen

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

Notary Public

Karen A. LaCroix  
NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN  
MY COMMISSION EXPIRES FEBRUARY 10, 2005

PATENT

REEL: 015816 FRAME: 0059



Docket Ref. 60204

NOTARIAL CERTIFICATE (INDIVIDUAL)

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

On this 16<sup>th</sup> day of July, 2009, personally appeared

Kwanho Yang

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

Notary Public

*Karen A. LaCroix*  
**NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN**  
**MY COMMISSION EXPIRES FEBRUARY 10, 2005**

NOTARIAL CERTIFICATE (INDIVIDUAL)

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

On this 20<sup>th</sup> day of February, 2009, personally appeared

Nicholas M. Shinkel

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

Notary Public Karen A. LaCroix

Public *Karen A. LaCroix*  
**NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN**  
**MY COMMISSION EXPIRES FEBRUARY 10, 2005**

NOTARIAL CERTIFICATE (INDIVIDUAL)

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

On this 15<sup>th</sup> day of February, 2009, personally appeared

David F. Pawlowski

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

Notary Public

*Karen A. LaCroix*  
**NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN**  
**MY COMMISSION EXPIRES FEBRUARY 10, 2005**



FORM 220

Docket Ref. 60204

## NOTARIAL CERTIFICATE (INDIVIDUAL)

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

On this 3<sup>rd</sup> day of October, 2000, personally appeared  
before me,

Aleksander J. Pyzik

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

Karen A. LaCroix  
Notary Public

*Karen A. LaCroix*  
**NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN**  
**MY COMMISSION EXPIRES FEBRUARY 10, 2005**



Docket Ref. 60204

NOTARIAL CERTIFICATE (INDIVIDUAL)

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

On this 22<sup>nd</sup> day of February, 2001, personally appeared

John M. Beckerdite

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

\_\_\_\_\_  
Notary Public

*Karen A. LaCroix*  
**NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN**  
**MY COMMISSION EXPIRES FEBRUARY 10, 2005**



Docket Ref. 60204

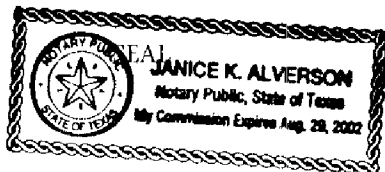
NOTARIAL CERTIFICATE (INDIVIDUAL)

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

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared \_\_\_\_\_ before me,

Kenneth B. Stewart, Jr.

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.



Notary Public