

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Curtis D. Pfeiffer	08/16/2000
Nile N. Frawley	08/15/2000
Thomas L. Peters	08/15/2000
Phillip J. Savickas	08/10/2000
David R. Albers	08/15/2000
Steven J. Gluck	08/22/2000
Lawrence W. Nicholson	08/15/2000
Jose B. Esquivel H.	08/15/2000

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10018629

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

Address Line 2: 1790 Building; Washington Street

Address Line 4: Midland, MICHIGAN 48674

CH \$40.00 10018629

500003547

PATENT
REEL: 014928 FRAME: 0671

NAME OF SUBMITTER:

Crystal S. Rohde

Total Attachments: 6

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FORM 110 (R 5/97)

Docket Ref. 44557

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:

METHOD FOR CHEMICAL ANALYSIS OF BIOLOGICAL MATERIAL

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

Application No. PCT/US00/19418 Filing Date July 13, 2000

in country **International Application**

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. 10/018,629 *Filing Date* December 14, 2001

in country the United States of America

to the above Priority application of any country where that country's patent property must be identified and entered hereinafter 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: Midland, Michigan 48674, USA
 this ____ day of _____, 20____
 Effective As of July 13, 2000

Signature: _____
 Full Name: **Curtis D. Pfeiffer**
 Residence: **5001 Dale**
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 13 day of July, 2000
 Effective as of July 13, 2000

Signature: _____

Full Name: **Nile N. Frawley**
 Residence: **4613 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**

At: **Midland, Michigan 48674, USA**
 this _____ day of _____, 20__
 Effective as of July 13, 2000

Signature: _____
 Full Name: **Thomas L. Peters**
 Residence: **2200 Jenkins**
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 _____ day of _____	20____
Effective as of July 13, 2000	
Signature: _____	
Full Name: Phillip J. Savickas	
Residence: 2526 Whippoorwill Hollow	
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	

(X) Additional names and signatures are attached.

PATENT
REEL: 014928 FRAME: 0673

FORM 113

Page two of two

Docket Ref. 44557

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

At: **Midland, Michigan 48674, USA**

this _____ day of _____, 20____

Effective as of July 13, 2000

Signature: _____

Full Name: **David R. Albers**

Residence: **1314 Whitehall
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: **Freeport, Texas 77541, USA**

this _____ day of _____, 20____

Effective as of July 13, 2000

Signature: _____

Full Name: **Steven J. Gluck**

Residence: **306 Arrowwood Street
Lake Jackson, Texas 44556**

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 _____ day of _____, 20____

Effective as of July 13, 2000

Signature: _____

Full Name: **Lawrence W. Nicholson**

Residence: **2147 East Brooks Road
Freeport, Michigan 48623**

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 _____ day of _____, 20____

Effective as of July 13, 2000

Signature: _____

Full Name: **Jose B. Esquivel II**

Residence: **613 Crescent Drive
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: _____

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 220

Doc. et Ref. 44557

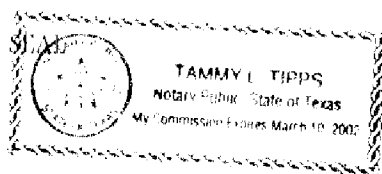
NOTARIAL CERTIFICATE (INDIVIDUAL)

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

On this ____ day of _____, 20____, personally appeared
before me,

Steven J. Gluck

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

FORM 222

Docket Ref. 44557

NOTARIAL CERTIFICATE (INDIVIDUAL)

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

On this _____ day of _____, 20____, personally appeared
before me,

Curtis D. Pfeiffer

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

MELISSA A. WAGNER
NOTARY PUBLIC, BAY COUNTY, MICHIGAN
ACTING IN MIDLAND COUNTY, MICHIGAN
MY COMMISSION EXPIRES MAY 8, 2012

NOTARIAL CERTIFICATE (INDIVIDUAL)

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

On this _____ day of _____, 20____, personally appeared
before me,

Nile N. Frawley

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

MELISSA A. WAGNER
NOTARY PUBLIC, BAY COUNTY, MICHIGAN
ACTING IN MIDLAND COUNTY, MICHIGAN
MY COMMISSION EXPIRES MAY 8, 2012

NOTARIAL CERTIFICATE (INDIVIDUAL)

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

On this _____ day of _____, 20____, personally appeared
before me,

Thomas L. Peters

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

MELISSA A. WAGNER
NOTARY PUBLIC, BAY COUNTY, MICHIGAN
ACTING IN MIDLAND COUNTY, MICHIGAN
MY COMMISSION EXPIRES MAY 8, 2012

FORM 222

Docket Ref. 44557

NOTARIAL CERTIFICATE (INDIVIDUAL)

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

On this _____ day of _____, 20____, personally appeared
before me,

Philip J. Savickas
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

MELISSA A. WAGNER
NOTARY PUBLIC, BAY COUNTY, MICHIGAN
ACTING IN MIDLAND COUNTY, MICHIGAN
MY COMMISSION EXPIRES MAY 1, 2002

NOTARIAL CERTIFICATE (INDIVIDUAL)

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

On this _____ day of _____, 20____, personally appeared
before me,

David R. Albers
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

MELISSA A. WAGNER
NOTARY PUBLIC, BAY COUNTY, MICHIGAN
ACTING IN MIDLAND COUNTY, MICHIGAN
MY COMMISSION EXPIRES MAY 8, 2002

NOTARIAL CERTIFICATE (INDIVIDUAL)

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

On this _____ day of _____, 20____, personally appeared
before me,

Lawrence W. Nicholson
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

MELISSA A. WAGNER
NOTARY PUBLIC, BAY COUNTY, MICHIGAN
ACTING IN MIDLAND COUNTY, MICHIGAN
MY COMMISSION EXPIRES MAY 8, 2002

FORM 220

Date of Rev. 44557

NOTARIAL CERTIFICATE (INDIVIDUAL)

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

On this ____ day of _____, 20____, personally appeared
before me,

Jose B. Esquivel II.

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

MELISSA A. WAGNER
NOTARY PUBLIC, MICHIGAN
ACTING IN MICHIGAN
MY COMMISSION EXPIRES MAY 8, 2002