

09-22-2003

FORM PTO-1595
Rev. 08/28/92

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

102555260

9.15.03

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

1. Name of conveying party(ies): Robert J. Lindesmith John L. Clement Donald Grinwis		2. Name and address of receiving party(ies): THE DOW CHEMICAL COMPANY 2030 Dow Center Midland, Michigan 48674 UNITED STATES OF AMERICA	
<input type="checkbox"/> Additional name(s) of conveying party(ies) is attached.		<input type="checkbox"/> Additional name(s) & address(es) are attached.	
3. Nature of conveyance: x Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other _____			
<input type="checkbox"/> Merger <input type="checkbox"/> Change of Name			
Execution Date(s) April 27, May, 1, 9, 2000 Effective as of January 12, 2000			
3. Application Number(s) or Patent Number(s): <u>09/482,386</u> January 12, 2000			
If this document is being filed together with a new application, the execution date of the application is: <input type="checkbox"/> Additional Application Number(s) or Patent Number(s) are attached.			
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 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> 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: September 12, 2003

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

44,146 US

09/17/2003 LMUELLER 00000146 041512 09482386

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Total number of pages including attachments: 6

PATENT
 REEL: 014493 FRAME: 0178

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION (WITH PRIORITY RIGHTS)

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:

UNITED STATES OF AMERICA

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 record 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 1st day of May 2000
Effective as of January 12, 2000

Signature: Robert J. Lindesmith

Full Name: **Robert J. Lindesmith**
Residence: **870 South Patterson Road
Midland, Michigan 48640-8971**

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 APRIL 27 2000
Effective as of January 12, 2000

Signature: 
Full Name: **John L. Clement**
Residence: **1506 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: Midland, Michigan 48674 USA
this 9 day of May 2000
Effective as of January 12, 2000

Signature: Donald Grinwis
Full Name: **Donald Grinwis**
Residence: **2201 Burlington**
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 the time of invention**

At: _____
this _____ day of _____ 20____

Signature: _____

Full Name: _____

Residence: _____

Country: _____

Citizenship: _____

P. O. Address: _____

Employed By: _____

Of Country: _____

(X) Additional names and signatures are attached.

PATENT
REEL: 014493 FRAME: 0179

Docket Ref. 44146

JENNIFER S. HAVERCAMP
NOTARY PUBLIC, BAY COUNTY, MICHIGAN
ACTING IN MIDLAND COUNTY, MICHIGAN
MY COMMISSION EXPIRES MAY 12, 2002

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NOTARY PUBLIC, BAY COUNTY, MICHIGAN
ACTING IN MIDLAND COUNTY, MICHIGAN
MY COMMISSION EXPIRES MAY 12, 2002

PATENT
REEL: 014493 FRAME: 0181

FORM 660

Attach this Assignee Acceptance 660 to an ASSIGNMENT in the English language.

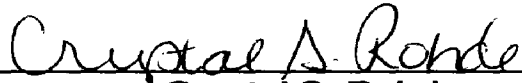
TRUE COPY

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 12th day of September 2003


Crystal S. Rohde
Office Professional
THE DOW CHEMICAL COMPANY

NOTARIAL CERTIFICATE

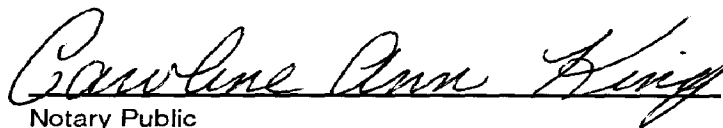
UNITED STATES OF AMERICA)
 STATE OF **MICHIGAN**) SS
 County/Parish of **Midland**)

On this 12th day of September 2003, 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


 Notary Public

Caroline Ann King
 Notary Public, Gladwin County, Michigan
 Acting in Midland County, Michigan
 My Commission Expires June 12, 2007