

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
William J. Kruper Jr.	09/15/2007
Tina Arrowood	08/09/2007
Bruce M. Bell	08/08/2007
John Briggs	08/01/2007
Robert M. Cambell	08/06/2007
Bruce D. Hook	07/26/2007
Anh Nguyen	07/24/2007
Curt Theriault	08/09/2007
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:	13017645
CORRESPONDENCE DATA	
Fax Number:	(989)636-3237
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	9896361555
Email:	ajlanphierd@dow.com
Correspondent Name:	Amy J Lanphierd
Address Line 1:	2040 Dow Center
Address Line 4:	Midland, MICHIGAN 48674
ATTORNEY DOCKET NUMBER:	63802D US DIV1

PATENT

501571130

REEL: 026470 FRAME: 0625

CH \$40.00 13017645

NAME OF SUBMITTER:

Amy J Lanphierd

Total Attachments: 5

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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:

BATCH, SEMI-CONTINUOUS OR CONTINUOUS HYDROCHLORINATION OF GLYCERIN WITH REDUCED VOLATILE CHLORINATED HYDROCARBON BY-PRODUCTS AND CHLOROACETONE LEVELS

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 **State of DELAWARE, U.S.A.**

(hereinafter referred to as the "Assignee");

any/or 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. 60/589,683 Filing Date July 21, 2004

in country the United States of America

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

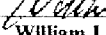
Application No. 11/710,002 Filing Date February 22, 2007

in country the United States of America

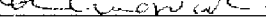
to the above Priority application of any country where that country's patent property must be identified and entered hereinabove for recordal of this Assignment. I/we authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent 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.

Subscribed and Declared by me/us:

At: **Midland, Michigan 48674 USA**
 this 18 day of Sept, 2001
 Effective as of February 22, 2007

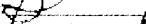
Signature: 
 Full Name: **William J. Kruper, Jr.**
 Residence: **230 Barden Road**
Sanford, Michigan 48657
 Country: **United States of America**
 Citizenship: **United States of America**
 P. O. Address: **Same as Residence**
 Employed By: **The Dow Chemical Company**
 Of Country: **United States of America**

At: **Midland, Michigan 48674 USA**
 this 9th day of August, 2007
 Effective as of February 22, 2007


Signature: 

Full Name: **Tina Arrowood**
 Residence: **2080 N. Lewis Road**
Coleman, Michigan 48618
 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 3rd day of AUGUST, 2007
Effective as of February 22, 2007

Signature: 
Full Name: **Bruce Michael Bell**
Residence: **401 Saginaw
Higgins Lake, Michigan 48627**
Country: **United States of America**
Citizenship: **United States of America**
P. O. Address: **PO Box 76**
Employed By: **The Dow Chemical Company**
Of Country: **United States of America**


At: **Midland, Michigan 48674 USA**
 this 1st day of August, 2007
 Effective as of February 22, 2007

Signature: 
 Full Name: **John Briggs**
 Residence: **1715 Sylvan Lane**
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**

(x) Additional names and signatures are attached.

Docket Ref. 63802D

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

Signature: 
Full Name: **Bruce D. Hook**
Residence: **107 Banyan Drive**
Lake Jackson, Texas 77566
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**

Signature: [Signature]
Full Name: **Curt Theriault**
Residence: **4282 South Schreiber Road
Hemlock, Michigan 49626**
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**

Country:
Citizenship:
P. O. Address:
Employed By:
Of Country:

Country:
Citizenship:
P. O. Address:
Employed By:
Of Country:

REEL: 026470 FRAME: 0628

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

William J. Kruper, Jr.

SEAL

Renee Allen
Notary Public Renee Allen
NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN
MY COMMISSION EXPIRES: April 24, 2013

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

Tina Arrowood

SEAL

Brenda J. Maiba
Notary Public
BRENDA J. MAIBA
NOTARY PUBLIC, STATE OF MI
COUNTY OF GLADWIN
MY COMMISSION EXPIRES May 10, 2012
ACTING IN THE COUNTY OF MIDLAND

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

Bruce Michael Bell

SEAL.

Jennifer S. Haverkamp
Notary Public
Jennifer S. Haverkamp
NOTARY PUBLIC, BAY COUNTY, MICHIGAN
ACTING IN MENARD COUNTY, MICHIGAN
MY COMMISSION EXPIRES MAY 12, 2012

PATENT

REEL: 026470 FRAME: 0629

NOTARIAL CERTIFICATE (INDIVIDUAL)

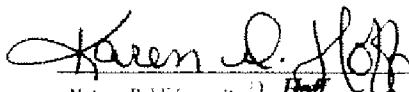
UNITED STATES OF AMERICA)
STATE OF MICHIGAN) SS
County/Parish of Midland)

On this 1st day of August, 2007, personally appeared
before me,

John Briggs

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 D. Hoff**
NOTARY PUBLIC, BAY COUNTY, MICHIGAN
ACTING IN MIDLAND COUNTY, MICHIGAN
MY COMMISSION EXPIRES DECEMBER 28, 2011

NOTARIAL CERTIFICATE (INDIVIDUAL)

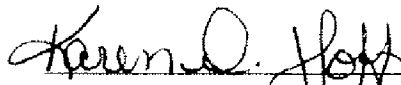
UNITED STATES OF AMERICA)
STATE OF MICHIGAN) SS
County/Parish of Midland)

On this 6th day of August, 2007, personally appeared
before me,

Robert M. Campbell

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 D. Hoff**
NOTARY PUBLIC, BAY COUNTY, MICHIGAN
ACTING IN MIDLAND COUNTY, MICHIGAN
MY COMMISSION EXPIRES DECEMBER 28, 2011

NOTARIAL CERTIFICATE (INDIVIDUAL)

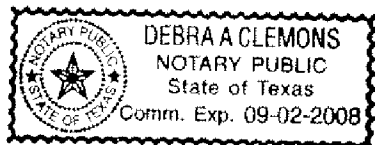
UNITED STATES OF AMERICA)
STATE OF TEXAS) SS
County/Parish of Brazoria)


On this 26 day of July, 2007, personally appeared
before me,

Bruce D. Hook

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

