

01-13-1999



100943954

RECORDATION FORM COVER SHEET

PATENTS ONLY

FORM PTO-1595
Rev. 08/28/92

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):
Robert Carswell Ricky L. Tabor
Marty C. Cornell
Cynthia K. Groseth Melissa J. Zawisza
Ralph D. Priester, Jr.
James R. Porter

2. Name and address of receiving party(ies):
THE DOW CHEMICAL COMPANY
2030 Dow Center, Abbott Road
Midland, Michigan 48640
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 28, 1997; May 23, 1997; May 27, 1997; May 21, 1997; May 20, 1997; and June 25, 1997

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

08/855,415 Filed May 13, 1997

5.

If this document is being filed together with a new application, the execution date of the application is:

Additional Application Number(s) or Patent Number(s) are attached.

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

Stephen S. Grace
The Dow Chemical Company
Patent Department
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.

08/04/1998 ~~PHUYEN 00000337 041512 00055415~~

01 FC:581 40.00 CH

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: July 28, 1998

Deborah Crosby DuLude
Deborah Crosby DuLude
Administrative Patent Assistant
517-636-0630

39,863E

Total number of pages including attachments: 4

PATENT
REEL: 9686 FRAME: 0576

1-1299
7-31-98
CORRECTIVE WRD

FORM 113

Docket Ref. 39863E

Page two of two

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

At: **Freeport, Texas 77541, USA**
this 21 day of May 19 97
Effective as of May 13, 1997
Signature: *Ralph D. Priester, Jr.*
Full Name: **Ralph D. Priester, Jr.**
Residence: **428 Huckleberry
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**

At: **Freeport, Texas 77541, USA**
this 20 day of May 19 97
Effective as of May 13, 1997
Signature: *Ricky L. Tabor*
Full Name: **Ricky L. Tabor**
Residence: **3300 Bellafontaine, Number 26
Houston, Texas 77025**
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 ___ 19 ___
Effective as of May 13, 1997
Signature: _____
Full Name: **Melissa J. Zawisza**
Residence: **2562 Pine Oak Court
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**

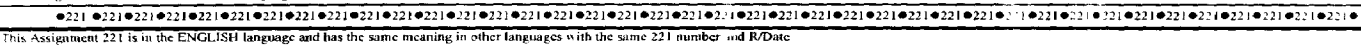
At: _____ day of _____ 19 ____
Signature: _____
Full Name: _____
Residence: _____
Country: _____
Citizenship: _____
P. O. Address: _____
Employed By: _____
Of Country: _____

At: _____ day of _____ 19 ____
Signature: _____
Full Name: _____
Residence: _____
Country: _____
Citizenship: _____
P. O. Address: _____
Employed By: _____
Of Country: _____

At: _____ day of _____ 19 ____
Signature: _____
Full Name: _____
Residence: _____
Country: _____
Citizenship: _____
P. O. Address: _____
Employed By: _____
Of Country: _____

At: _____ day of _____ 19 ____
Signature: _____
Full Name: _____
Residence: _____
Country: _____
Citizenship: _____
P. O. Address: _____
Employed By: _____
Of Country: _____

At: _____ day of _____ 19 ____
Signature: _____
Full Name: _____
Residence: _____
Country: _____
Citizenship: _____
P. O. Address: _____
Employed By: _____
Of Country: _____



FORM 221

Docket Ref. 39863E

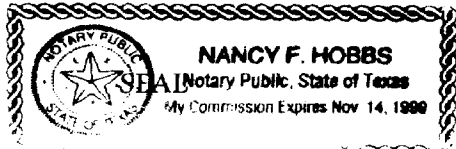
NOTARIAL CERTIFICATE (INDIVIDUAL)

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

On this 20th day of May 1997, personally appeared before me,

James R Porter

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.



Nancy F. Hobbs
Notary Public

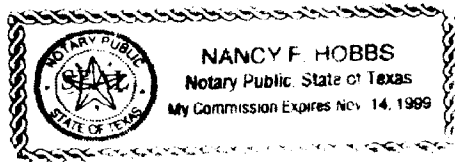
NOTARIAL CERTIFICATE (INDIVIDUAL)

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

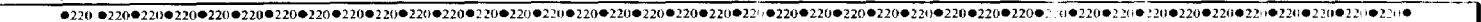
On this 21st day of May 1997, personally appeared before me,

Ralph D. Priester, 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.



Nancy F. Hobbs
Notary Public



FORM 220

Docket Ref: 39863E

NOTARIAL CERTIFICATE (INDIVIDUAL)

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

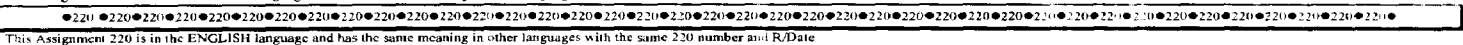
On this 28 day of May 1997, personally appeared
 before me,

Robert Carswell

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.



Nancy F. Hobbs
 Notary Public



FORM 220

Docket Ref 39863E

NOTARIAL CERTIFICATE (INDIVIDUAL)

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

On this 3rd day of June 1997, personally appeared
 before me,

Melissa J. Zawisza

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

Deborah C. DuLude
 Notary Public

DEBORAH C. DuLUDE
 Notary Public, Midland County, Michigan
 My Commission Expires October 22 1998



RECEIVED

The Dow Chemical Company
Attention: Registrar 4-1111

January 6, 1999

1999 JAN 12 PM 3:48

OUR/FINANCE

Steven Post
Assignment Division
United States Department of Commerce
Patent and Trademark Office
Assistant Secretary and Commissioner
of Patents and Trademarks
Washington, DC 20231

Dear Mr. Post:

I am resubmitting the attached assignments for recordation, as the Execution Date is wrong on all of the inventors listed. They should be as follows:

Robert Carswell - May 28, 1997; Marty C. Cornell - May 23, 1997; Cynthia K. Groseth - May 27, 1997; Ralph D. Priester, Jr. - May 21, 1997; James R. Porter - May 20, 1997; Ricly L. Tabor - May 20, 1997 and Melissa J. Zawisza - May 25, 1997

Thank you in advance for correcting this error.

If you have any questions regarding this application, please call me.

Best regards,

Deborah Crosby DuLude
Administrative Patent Assistant
(517)636-0630

Attachments

Post Office Box 1967
Midland, MI 48641-1967 USA
Facsimile No.: (517) 636-3237

1790 Bldg., Patent Law
Washington St., Midland, MI 48674 USA
Telex No.: (023) 227-455 - PATENT

PATENT
REEL: 9686 FRAME: 0584



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

OCTOBER 21, 1998

PTAS

THE DOW CHEMICAL COMPANY
STEPHEN S. GRACE
PATENT DEPARTMENT
P.O. BOX 1967
MIDLAND, MICHIGAN 48641-1967



RECEIVED
OCT 27 1998
AKM

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/31/1998

REEL/FRAME: 9354/0039
NUMBER OF PAGES: 8

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

CARSWELL, ROBERT

DOC DATE: 05/28/1998⁷

ASSIGNOR:

CORNELL, MARTY C.

DOC DATE: 05/23/1998⁷

ASSIGNOR:

GROSETH, CYNTHIA K.

DOC DATE: 05/27/1998⁷

ASSIGNOR:

PRIESTER, RALPH D., JR.

DOC DATE: 05/21/1998⁷

ASSIGNOR:

PORTER, JAMES R.

DOC DATE: 05/20/1998⁷

ASSIGNOR:

TABOR, RICKY L.

DOC DATE: 05/20/1998⁷

ASSIGNOR:

ZAWISZA, MELISSA J.

DOC DATE: 05/25/1998⁷

ASSIGNEE:

DOW CHEMICAL COMPANY, THE
2030 DOW CENTER, ABBOTT ROAD
MIDLAND, MICHIGAN 48640

SERIAL NUMBER: 08855415
PATENT NUMBER: 5830541

FILING DATE: 05/13/1997
ISSUE DATE: 10/03/1998

STEVEN POST, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
 ASSISTANT SECRETARY AND COMMISSIONER
 OF PATENTS AND TRADEMARKS
 Washington, D.C. 20231



AUTHORIZATION TO CHARGE ADDITIONAL FEES TO DEPOSIT ACCOUNT

OCTOBER 21, 1998

TO: OFFICE OF FINANCE
 FROM: ASSIGNMENT DIVISION
 OFFICE OF PUBLIC RECORDS
 SUBJECT: DEPOSIT ACCOUNT CHARGE(S)

CHARGE THE DEPOSIT ACCOUNT LISTED BELOW ADDITIONAL FEE(S) AS INDICATED BELOW. AUTHORIZATION TO CHARGE ADDITIONAL FEES HAS BEEN PROVIDED PER THE ATTACHED COVER SHEET, OR BY DIRECT CONTACT WITH THE CUSTOMER.

DEPOSIT ACCOUNT NUMBER: 041512
 PROPERTY NUMBER: 08855415

RECORDING FEES:

FEE CODE: 581 AMOUNT: 40

IF YOU HAVE ANY QUESTIONS REGARDING THIS NOTICE, YOU MAY CONTACT THE INDIVIDUAL WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.

STEVEN POST, EXAMINER
 ASSIGNMENT DIVISION
 OFFICE OF PUBLIC RECORDS

TRADEMARK SERVICE FEES:	FEE CODE:
RECORDING FIRST MARK	481
RECORDATION SECOND AND SUBSEQUENT MARK IN SAME DOCUMENT	482
LABOR CHARGES FOR SERVICES PER HOURS OR FRACTION THEREOF	484
UNSPECIFIED OTHER SERVICES	485

PATENT SERVICE FEES:	
RECORDING EACH PATENT ASSIGNMENT,	581