

09-26-2002

FORM PTO-1595

Rev. 08/28/92



U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

102233393

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

2. 1. Name of conveying party(ies):  
DOW DEUTSCHLAND GMBH & CO. OHG  
Buetzflethersand  
21677 Stade - Buetzfleth  
GERMANY

9-23-02

2. Name and address of receiving party(ies):  
THE DOW CHEMICAL COMPANY  
2030 Dow Center  
Midland, Michigan 48674  
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) January 30, 2002

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

09/999,277 November 29, 2001

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:

Graham E. Taylor  
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

- ☐ 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.

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 16, 2002

61,246B US

09/25/2002 LNUELLER 00000160 041512 09999277

01 FC:581

40.00 CH

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

Total number of pages including attachments: 5

**PATENT**  
**REEL: 013314 FRAME: 0746**

This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number.

This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number.

FORM 440

# ASSIGNMENT

(with Priority Rights)  
and  
INVENTORSHIP DECLARATION

We, ASSIGNOR, of:

**DOW DEUTSCHLAND GMBH & CO. OHG**  
**Buetzflethersand**  
**21677 Stade - Buetzfleth**  
**GERMANY**

a corporation **incorporated under the laws of Germany** do hereby claim and declare that we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof from the sole, true and first inventor(s):

**John D. Duffy, 2 Square d'Helsinki, La Wantzenau, France F-67610**

by an Assignment dated: **January 16, 2002** of an invention relating to and entitled:

## BLOWING AGENT COMPOSITIONS CONTAINING HYDROFLUOROCARBONS AND A LOW-BOILING ALCOHOL AND/OR LOW-BOILING CARBONYL COMPOUND

We do hereby declare, for good and valuable consideration  
assign, and transfer unto:

received, sell,

WE, the ASSIGNEE:

**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, United States of America** our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make application for Letters Patent in its own name, or in the name of its nominee; and all rights and powers to file any reissue, divisional, continuing or substitute application and any corresponding applications in any and all countries, including all rights to claim priority under all International Conventions and Treaties in the name of said Assignee, and do hereby authorize said Assignee to insert here the Priority Number 09/999,277 and Filing Date November 29, 2001 in United States of America

of the application on which the priority will be based; and in and to any Letters Patent that may be issued for said invention in any and all countries; and we do hereby agree to assist said Assignee in the prosecution of the said applications and in any interference, conflict, opposition or litigation which may arise involving said invention or the patent or patents thereon, and to execute any reissue, divisional, continuing or substitute application and assent to their making any applications in other countries corresponding to the above and below specifically identified application, as may be requested by said Assignee; and we do hereby authorize said Assignee to insert here the Corresponding Application No. \_\_\_\_\_ and Filing Date \_\_\_\_\_ in \_\_\_\_\_

of the corresponding application in any country where that patent property must be entered for recordal of this Assignment; and we do hereby authorize and request that any such Letters Patent be issued to said Assignee in accordance herewith, and consent to the recordal of this Assignment being under covenant, not only that 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 Sworn by us at Midland, Michigan 48674, U.S.A.

this 30 day of January, 20 02

CORP.  
SEAL

**DOW DEUTSCHLAND GMBH & CO. OHG**

By: \_\_\_\_\_

**GRAHAM E. TAYLOR**

Associate General Counsel, Intellectual Property, **THE DOW CHEMICAL COMPANY**, authorized to act for and on behalf of **DOW DEUTSCHLAND GMBH & CO. OHG** by Authority of a Power of Attorney dated February 22, 2001

Attach Notarial Certificate (Corporation)

[illegible]

FORM 550

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

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 by authority of the said Corporation incorporated under the laws of **Germany**.

## a Power of Attorney

SEAL

Jane M. Nitzel  
Notary Public

**JANE M. NEITZEL**  
NOTARY PUBLIC, BAY COUNTY, MICHIGAN  
ACTING IN MIDLAND COUNTY, MICHIGAN  
MY COMMISSION EXPIRES SEPTEMBER 26, 2003

**PATENT**  
**REEL: 013314 FRAME: 0748**

This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number.

This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number.

FORM 660

**ASSIGNEE ACCEPTANCE**

WE, the ASSIGNEE: **THE DOW CHEMICAL COMPANY**  
**2030 Dow Center**  
**Midland, Michigan 48674**  
**UNITED STATES OF AMERICA**

hereby accept the ASSIGNMENT attached hereto which is dated: January 30, 2002

From, the ASSIGNOR: **DOW DEUTSCHLAND GMBH & CO. OHG**  
**Buetzflethersand**  
**21677 Stade - Buetzfleth**  
**GERMANY**

of the invention entitled:

**BLOWING AGENT COMPOSITIONS CONTAINING HYDROFLUOROCARBONS AND A  
 LOW-BOILING ALCOHOL AND/OR LOW-BOILING CARBONYL COMPOUND**


without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

Signed at Midland, Michigan 48674, U.S.A.

this 30 day of January, 20 02

**THE DOW CHEMICAL COMPANY**

CORP.  
SEAL

By:   
**GRAHAM E. TAYLOR**  
 Associate General Counsel, Intellectual Property

**NOTARIAL CERTIFICATE (Corporation)**

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

On this 30 day of January, 20 02, personally appeared  
 before me, **GRAHAM E. TAYLOR, Associate General Counsel, Intellectual Property, THE  
 DOW CHEMICAL COMPANY,**

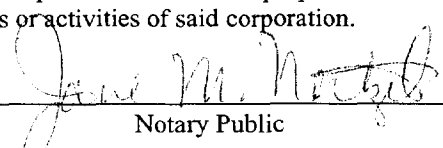
known or identified to me to be the individual described in and who executed the foregoing document  
 and acknowledged the same as a free act and deed for uses and purposes therein expressed by authority  
 of the said Corporation incorporated under the laws of the State of Delaware, United States of  
 America.

I further certify that said authority, dated **September 7, 1999**, is based on

**A Resolution of the Board of Directors of the said Corporation**

which I have seen, appointing the said individual **Attorney-in-fact** with full power to sign the  
 foregoing document on behalf of the said corporation and that the purposes for which said document is  
 granted are within the scope of the objects or activities of said corporation.

SEAL

  
 Notary Public

**JANE M. WEITZEL**  
 NOTARY PUBLIC, BAY COUNTY, MICHIGAN  
 ACTING IN MIDLAND COUNTY, MICHIGAN  
 MY COMMISSION EXPIRES SEPTEMBER 26, 2003

**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 16<sup>th</sup> day of September 2002

Crystal S. Rohde  
**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 16<sup>th</sup> day of September 2002, 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  
*Carly*

Carolyn A. Gray  
 Notary Public

**Carolyn A. Gray**  
 Notary Public, Midland County, Michigan  
 My Commission Expires April 20, 2005