### PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

#### **CONVEYING PARTY DATA**

| Name              | Execution Date |
|-------------------|----------------|
| Jinder Jow        | 11/18/2003     |
| Alfred Mendelsohn | 11/18/2003     |

### **RECEIVING PARTY DATA**

| Name:           | Union Carbide Chemicals & Plastics Technology Corporation |
|-----------------|---|
| Street Address: | 39 Old Ridgebury Road                                     |
| City:           | Danbury   |
| State/Country:  | CONNECTICUT   |
| Postal Code:    | 06817-0001  |

#### PROPERTY NUMBERS Total: 1

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 10663525 |

## **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

NAME OF SUBMITTER: Crystal S. Rohde

Total Attachments: 2

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PATENT REEL: 015589 FRAME: 0482

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Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R/Date

FORM 110 (R 5/97)

Docket Ref. 62492B

## 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:

# HIGH-VOLTAGE DIRECT CURRENT CABLE INSULATION AND SEMICONDUCTIVE SHIELD

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, by virtue of my/our employee agreement(s) and contractual agreement(s) between our employer(s) and Union Carbide Chemicals & Plastics Technology Corporation, hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for Union Carbide Chemicals & Plastics Technology Corporation. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work from my/our employer, I/we sell, assign and transfer unto:

UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION

39 Old Ridgebury Road Danbury, Connecticut 06817-0001 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 September 16, 2003 Application No. \_\_\_\_\_10/663525\_\_\_\_ 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 \_ Filing Date \_ Application No.\_ in country\_ 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 mc/us: At: Somerset, New Jersey 08873, U.S.A. At: Somerset, New Jersey 08873, U.S.A this 18 day of 7 weember this 18 day of Morrisonter Effective as of September 16, 2003 Effective as of September 16, 2003 Signature: CALfred Clience Signature: Alfred Mendelsohn Full Name: Jinder Jow Full Name: 1141 East 29th Street Residence: 7 Dakota Trail Residence: Brooklyn, New York 11210 Somerville, New Jersey 08876 **United States of America** United States of America Country: Country: **United States of America** Citizenship: Citizenship: United States of America P. O. Address: Same as Residence Same as Residence P. O. Address: Employed By: Union Carbide Chemicals and Union Carbide Chemicals and Employed By: **Plastics Technology Corporation Plastics Technology Corporation United States of America United States of America** Of Country: Of Country: 20 \_\_ day of day of this Signature:\_ Signature: Full Name: Full Name: Residence: Residence: Country: Country: Citizenship: Citizenship: P. O. Address: P. O. Address: Employed By: Employed By: Of Country: Of Country:

( ) Additional names and signatures are attached.

This Assignment 221 is in the ENGLISH language and has the same meaning in other languages with the same 221 number and R/Date

SEAL

**RECORDED: 01/21/2005** 

FORM 221 Docket Ref.

# NOTARIAL CERTIFICATE (INDIVIDUAL)

| UNITED STATES OF AMERICA ) STATE OF New Jersey ) SS County/Parish of Somerset )   |  |  |
|---|--|--|
| On this   |  |  |
| Jinder Jow  |  |  |
| 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  CAROL D. BROUILLARD  NOTARY PUBLIC OF NEW JERSEY  |  |  |
| My Commission Exp. Sept. 17, 2006   |  |  |
| NOTARIAL CERTIFICATE (INDIVIDUAL)   |  |  |
| UNITED STATES OF AMERICA ) STATE OF New Jersey ) SS County/Parish of Somerset )   |  |  |
| On this 18 day of <u>Manualus</u> 2003, personally appeared before me,  |  |  |
| Alfred Mendelsohn   |  |  |
| 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. |  |  |
| - Court & Brandland   |  |  |

CAROL D. BROUILLARD NOTARY PUBLIC OF NEW JERSEY My Commission Exp. Sept. 17, 2006

Notary Public

PATENT REEL: 015589 FRAME: 0484