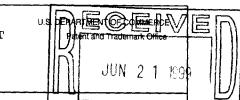


06-23-1999





| Assistant Commissioner for Patents and Trademarks: Ple | ease record the attached original documents or copy thereof. | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|
| Name of conveying party(ies): POLYOL INTERNATIONAL B.V. Herbert H. Dowweg 5 4542 NM Hoek ITHE NETHERLANDS | 2. Name and address of receiving party(les): 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 a | | | | | | | | | |
| Nature of conveyance: ☐ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other | | | | | | | | | |
| Execution Date(s) May 21, 1999 and June 7, 1999 | Effective February 26, 1999 | | | | | | | | |
| | | | | | | | | | |
| | oplication, the execution date of the (s) or Patent Number(s) are attached. | | | | | | | | |
| Application is: Additional Application Number | | | | | | | | | |
| Additional Application Number Additional Application Number Name and address of party to whom correspondence | 6. Total number of applications and patents | | | | | | | | |
| Additional Application Number 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) \$440.00 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 | | | | | | | | |

copy of the original document.

Dated: June 17, 1999

06/22/1999 NTHOI1 00000234 041512 09043557

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40.00 CH

Heather Terry

Administrative Office Professional

(517) 636-0903

Total number of pages including attachments: 4

PATENT

REEL: 010033 FRAME: 0229

APPENDIX

ASSIGNMENT POLYOL INTERNATIONAL B.V. TO THE DOW CHEMICAL COMPANY

| U.S. APPLICATION NO. | U.S. FILING DATE | U.S. PATENT NO. | U. S. ISSUE DATE | TITLE | INVENTORS | DOW REF. |
|----------------------------|------------------------|-----------------------|------------------------|---|---|-------------|
| | | 4,276,385 | June 30, 1981 | PROCESS FOR PREPARING COLD- CURED MOLDED POLYURETHANE FLEXIBLE FROM A HIGH MOLECULAR WEIGHT SILOXANE AND A SOLVENT | Rudolf J. Tenhagen | 38,391 |
| | | 4,304,872 | December 8, 1981 | FLEXIBLE POLYURETHANE FOAMS HAVING SUBSTANTIAL NUMBER OF CELLS WITH INTERNAL RESIDUAL CELL SURFACE OF 60 TO 90 PERCENT | Rudolf J. Tenhagen | 38,392 |
| | | 4,831,076 | May 16, 1989 | PREPARATION OF POLYMER POLYOLS | Werner A. Lidy and Huy P. Thanh | 38,398 |
| | | 4,764,541 | August 16, 1988 | PROCESS FOR PREPARING POLYURETHANE FOAMS IN THE PRESENCE OF A POLYETHER ACID | Robert D. Brasington and Werner A. Lidy | 38,400 |
| | | 4,785,027 | November 15, 1988 | PROCESS FOR PREPARING POLYURETHANE FOAMS IN THE PRESENCE OF A POLYETHER ACID | Robert D. Brasington and Werner A. Lidy | 38,400 |
| | | 4,757,096 | July 12, 1988 | POLYURETHANE FROTH FOAMS | Paul R. Berthevas and Alain F. Fanget | 38,403 |
| | | 4,723,026 | February 2, 1988 | PREPARATION OF POLYMER POLYOLS | Rudolphe C. Cloetens, Werner A. Lidy and Huy P. Thanh | 38,450 |
| | | 4,883,832 | November 28, 1989 | PREPARATION OF POLYMER POLYOLS | Rudolphe C. Cloetens, Werner A. Lidy and Huy P. Thanh | 38,450 |
| | | 5,668,378 | September 16, 1997 | POLYOL COMPOSITIONS AND THEIR USE IN THE PREPARATION OF HIGH RESILIENCE POLYURETHANE FOAMS | Jean-Paul R. Treboux and Philippe M. A. Knaub | 40,919 |
| | | 5,677,361 | October 14, 1997 | POLYOL COMPOSITIONS AND THEIR USE IN THE PREPARATION OF HIGH RESILIENCE POLYURETHANE FOAMS | Jean-Paul R. Treboux and Philippe Martin Knaub | 40,919 |
| 09/043,557 | March 19, 1998 | | | POLYMER POLYOL AND PREFORMED STABILIZER SYSTEMS | Graeme Douglas Fogg | 42,491 |

PATENT REEL: 010033 FRAME: 0230

(TRANSFER)

This Assignment 990 is in the ENGLISH language and has the same meaning in other languages with the same 990 number.

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ASSIGNMENT

POLYOL INTERNATIONAL B.V.

Herbert H. Dowweg 5 of:

4542 NM Hoek

We, ASSIGNOR:

THE NETHERLANDS

a corporation organized and existing under the laws of The Netherlands, do hereby claim and declare that we are the recorded owner of the following Patent Application(s) or Letters Patent(s) and other rights and powers obtainable or exercisable in respect thereof as numbered in United States Patent Application(s) or Letters Patent(s):

(SEE ATTACHED APPENDIX)

We do hereby, for good and valuable consideration, (effective as of February 26, 1999) received, sell, assign and transfer unto:

ASSIGNEE: THE DOW CHEMICAL COMPANY

> 2030 Dow Center of:

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 in and to the said Patent Application(s) or Letters Patent(s), and consent to the recordal of this Assignment.

| ASSIGNOR | ASSIGNEE |
|---|---|
| Subscribed and Sworn by us: | Accepted by us: |
| At Terneuzen, The Netherlands | At Midland, Michigan 48674, USA |
| this 2184 day of 1724 1999 | this $\frac{7}{199}$ day of $\frac{199}{1100}$ |
| <u>, POLYOL INTERNATIONAL B.V.</u> | THE DOW CHEMICAL COMPANY |
| Branaj | By / reduce / Stace |
| John S. Cavanagh, Director | Stephen S. Grace |
| | General Patent Counsel |
| By Habara T. Nanista Director | |
| Johannes F. Naninck, Director | |
| CORP. | CORP. |
| SEAL | SEAL |
| Seen for legalization the signatures of J. J. N. living in Antwern Belgium, by me Jan Pinger Son. | avanadir ions in Terneuzen, the Netherlands and J.F. Naninck, civillaw notars practising in Terneuzen, The Netherlands. |

Attach Notarial Certificate (Corporation)

Terneuzen, the 21st day of May, 1999

PATENT

REEL: 010033 FRAME: 0231

APPENDIX

ASSIGNMENT POLYOL INTERNATIONAL B.V. TO THE DOW CHEMICAL COMPANY

| U.S. APPLICATION NO. | U.S. FILING DATE | U.S. PATENT NO. | U. S. ISSUE DATE | TITLE | INVENTORS | DOW REF. |
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| | | 4,304,872 | December 8, 1981 | FLEXIBLE POLYURETHANE FOAMS HAVING SUBSTANTIAL NUMBER OF CELLS WITH INTERNAL RESIDUAL CELL SURFACE OF 60 TO 90 PERCENT | Rudolf J. Tenhagen | 38,392 |
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| | | 4,764,541 | August 16, 1988 | PROCESS FOR PREPARING POLYURETHANE FOAMS IN THE PRESENCE OF A POLYETHER ACID | Robert D. Brasington and Werner A. Lidy | 38,400 |
| | | 4,785,027 | November 15, 1988 | PROCESS FOR PREPARING POLYURETHANE FOAMS IN THE PRESENCE OF A POLYETHER ACID | Robert D. Brasington and Werner A. Lidy | 38,400 |
| | | 4,757,096 | July 12, 1988 | POLYURETHANE FROTH FOAMS | Paul R. Berthevas and Alain F. Fanget | 38,403 |
| | | 4,723,026 | February 2, 1988 | PREPARATION OF POLYMER POLYOLS | Rudolphe C. Cloetens, Werner A. Lidy and Huy P. Thanh | 38,450 |
| | | 4,883,832 | November 28, 1989 | PREPARATION OF POLYMER POLYOLS | Rudolphe C. Cloetens, Werner A. Lidy and Huy P. Thanh | 38,450 |
| | | 5,668,378 | September 16, 1997 | POLYOL COMPOSITIONS AND THEIR USE IN THE PREPARATION OF HIGH RESILIENCE POLYURETHANE FOAMS | Jean-Paul R. Treboux and Philippe M. A. Knaub | 40,919 |
| | | 5,677,361 | October 14, 1997 | POLYOL COMPOSITIONS AND THEIR USE IN THE PREPARATION OF HIGH RESILIENCE POLYURETHANE FOAMS | Jean-Paul R. Treboux and Philippe Martin Knaub | 40,919 |
| 09/043,557 | March 19, 1998 | | | POLYMER POLYOL AND PREFORMED STABILIZER SYSTEMS | Graeme Douglas Fogg | 42,491 |

ľ

PATENT REEL: 010033 FRAME: 0232 - 550

This Notarial Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number.

NOTARIAL CERTIFICATE (CORPORATION)

United States of America) State of Michigan) SS County of Midland

On this 7 day of June

1999, personally appeared before me,

Corporate Signator's Name and Title

Stephen S. Grace, General Patent Counsel, The Dow Chemical Company,

known or identified to me to be the individual(s) described in and who executed the foregoing document

Transfer Assignment for and on behalf of The Dow Chemical Company,

Incorporation

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,

Date and Corporate Authority of Signator

I further certify that said authority, dated July 14, 1994, is based on a Resolution of the Board of Directors,

which I have seen, appointing the said individual(s) 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.

Notary Signature

Print or Type Name of Notary, Expiration Date, if any, Title or Jurisdiction Area

SEAL

Notary Public ANN HERITIER

NOTARY PUBLIC, BAY COUNTY, MICHIGAN ACTING IN MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES DECEMBER 3, 2002

Attach this Notarial Certificate 550 to a document in the ENGLISH language.

RECORDED: 06/21/1999

PATENT REEL: 010033 FRAME: 0233