

12-23-99

01-24-2000

ID-048699

Form PTO-1595

1-31-92



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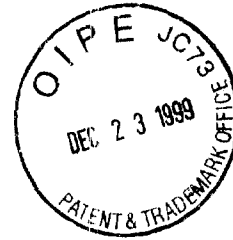
To the Assistant Commissioner of Patents, please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
 THE DOW CHEMICAL COMPANY
 2030 Dow Center
 Midland, Michigan 48674

Additional name(s) of conveying party(ies) attached?
 yes no

2. Name and address of receiving party(ies)?
 UNITIKA, LTD.
 50, Higasihonmachi 1-chome
 Amagasaki-shi, Hyougo-ken
 JAPAN

Additional name(s) & address(es) attached?
 yes no



3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Names
 Other

Execution Date: August 30, 1999

4. Application number(s) or patent number(s):
 If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)	B. Patent No.(s) 4,643,940
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Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
 SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC
 2100 Pennsylvania Avenue, N.W.
 Suite 800
 Washington, D.C. 20037-3213

6. Total number of applications and registration involved:
1

7. Total Fee (37 CFR 3.41): \$40.00
 Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.
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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.

Mark Boland December 23, 1999
 Mark Boland, Esq. Reg. No. 32,197 Date

TOTAL NUMBER OF PAGES COMPRISING COVER SHEET, ATTACHMENTS AND DOCUMENT: 3

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PATENT REEL: 010485 FRAME: 0807

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NOTARIAL CERTIFICATE (CORPORATION)

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

On this *30* day of *August*, 19*99*, 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