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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Tsutomu TAKAHASHI, Hiroaki KUMADA

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

2. Name and address of receiving party(ies)?

Name: SUMITOMO CHEMICAL COMPANY, LTD.  
5-33, Kitahama 4-chome  
Chuo-ku, Osaka 541-8550, Japan

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

3. Nature of Conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: June 16, 1998 and June 18, 1998

4. Application number(s) or patent number(s): 09/056,864

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).

Additional numbers attached?  Yes  No

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

J. Frank Osha  
SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC  
2100 Pennsylvania Avenue, N.W.  
Suite 800  
Washington, D.C. 20037-3202

6. Total number of applications and patents involved: one

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.

Authorized to be charged to Deposit Account

8. Deposit Account No.

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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.

J. Frank Osha Reg. No. 24,625

Date

7/13/98

TOTAL NUMBER OF PAGES COMPRISING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2

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Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks  
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# Assignment

Whereas, We, Tsutomu TAKAHASHI and Hiroaki KUMADA both of Ibaraki, Japan

, hereinafter called assignor(s), have invented certain improvements in

COMPOSITE FILM COMPRISING LOW-DIELECTRIC RESIN AND PARA-ORIENTED AROMATIC POLYAMIDE

and executed an application for Letters Patent of the United States of America therefor on

June 16, 1998; and June 18, 1998

Whereas, SUMITOMO CHEMICAL COMPANY, LIMITED  
5-33, Kitahama 4-chome  
Chuo-ku, Osaka 541-8550, Japan

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. § 119, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we will execute without any further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

We authorize and request our attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application number 09/056,864 , filed April 8, 1998 ) the filing date and application number of said application when known.

Date: June 18, 1998 s/ Tsutomu Takahashi  
Tsutomu TAKAHASHI

Date: June 16, 1998 s/ Hiroaki Kumada  
Hiroaki KUMADA

Date : s/ \_\_\_\_\_

(Notarization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

8/92