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Toshio MORITA  
Hitoshi INOUE  
Ryuji YAMAMOTO  
  
Additional name(s) of conveying party(ies) attached?  Yes  No

6-19-03

2. Name and address of receiving party(ies):  
SHOWA DENKO K.K.  
13-9, Shiba Daimon 1-chome, Minato-ku, TOKYO 105-8518  
JAPAN  
  
10-20-2003  


3. Nature of conveyance:  
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Execution Date: May 13, 2003

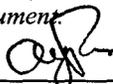
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4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the application is: May 13, 2003  
A. Patent Application No.(s) 10451080 B. Patent No.(s)  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
SUGHRUE MION, PLLC  
WASHINGTON OFFICE  
  
23373  
PATENT TRADEMARK OFFICE  
06/16/2003 MKAYPAGH 00000024 10451080  
03 C:8021 40.00 DP

6. Total number of applications and patents involved: 1  
7. Total fee (37 CFR 3.41): \$40.00  
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Abraham J. Rosner Reg. No. 33,276 June 19, 2003 Date

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# ASSIGNMENT

Whereas, I/we,

Toshio MORITA

c/o PRODUCTION TECHNOLOGY CENTER, SHOWA DENKO K. K.,  
5-1, Ohkawa-cho, Kawasaki-ku, Kawasaki-shi,  
KANAGAWA 210-0858 JAPAN,

Hitoshi INOUE

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KANAGAWA 210-0858 JAPAN, and

Ryuji YAMAMOTO

c/o PRODUCTION TECHNOLOGY CENTER, SHOWA DENKO K. K.,  
5-1, Ohkawa-cho, Kawasaki-ku, Kawasaki-shi,  
KANAGAWA 210-0858 JAPAN

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

BRANCHED VAPOR GROWN CARBON FIBER, ELECTRICALLY CONDUCTIVE  
TRANSPARENT COMPOSITION AND USE THEREOF

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

; and

Whereas,

SHOWA DENKO K. K. of

13-9, Shiba Daimon 1-chome, Minato-ku, TOKYO 105-8518 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,

I/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 I/we request the Director – U.S. Patent and Trademark Office to issue any Letters  
Patent granted upon the invention set forth in the application to the assignee, its successors and assigns;  
and I/we will execute without 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.

I/We hereby authorize and request my/our attorneys SUGHRUE MION, PLLC of 2100  
Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application  
number \_\_\_\_\_ and Confirmation number \_\_\_\_\_, filed \_\_\_\_\_) the  
filing date and application number of said application when known.

Date: 13/may/2003 sl Toshio Morita  
Toshio MORITA

Date: 13/May/2003 sl Hitoshi Inoue  
Hitoshi INOUE

Date: 13/may/2003 sl Ryuji Yamamoto  
Ryuji YAMAMOTO

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