

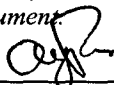


A/D 581-40

10/451080

DT15 Rec'd PCT/PTO 19 JUN 2003

Q63026

Form PTO-1595 (modified) (Rev. 93/01) OMB No. 0651-0027		RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
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Execution Date: May 13, 2003					
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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: SUGHRUE MION, PLLC WASHINGTON OFFICE  23373 PATENT TRADEMARK OFFICE		6. Total number of applications and patents involved: 1			
06/16/2003 MKAYPAGH 00000024 10451080 03 C:8021 40.00 DP		7. Total fee (37 CFR 3.41): \$40.00 <input checked="" type="checkbox"/> Enclosed. <input type="checkbox"/> Authorized to be charged to Deposit Account No. 19-4880. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.			
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PATENT
REEL: 014592 FRAME: 0073

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

c/o PRODUCTION TECHNOLOGY CENTER, SHOWA DENKO K. K.,
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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)