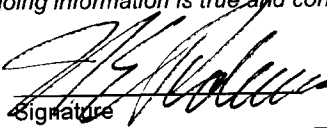


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JC06 Rec'd PCT/PTO 31 MAY 2005

FORM PTO-1595 (modified)		R	11-30-2005	IEET	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
Attorney Docket No. 2005-0703A		103127923		s: Please record the attached original document	
To the Honorable Assistant Secretary and thereof.					
1. Name of conveying party(ies): Yuichi FUJIOKA Akinori YASUTAKE Toshihiko SETOGUCHI Isao MOCHIDA Seong-Ho YOON		2. Name and address of receiving party(ies):  Name: (1) MITSUB SHI HEAVY INDUSTRIES, LTD.; (2) Isao MOCHIDA; & (3) Seong-Ho YOON  Street Address: (1) 16-5, Konan 2-chome, Minato-ku, Tokyo 108-8215 Japan; (2) 2-28-10, Kashii, Higashi-ku, Fukuoka-shi, Fukuoka 813-0011 Japan; & (3) Seaside-Momochi-Southstage 1-306, 4-3, Momochihama, Sawara-ku, Fukuoka-shi, Fukuoka 814-0001 Japan			
Additional name(s) of conveying party(ies) attached? NO		Additional name(s) & address(es) attached? NO			
3. Nature of conveyance:  <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>May 20, 2005</u>					
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: <u>May 20, 2005</u> A. Patent Application No.(s) NEW, filed May 31, 2005 B. Patent No.(s)  Additional numbers attached? NO					
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: <u>WENDEROTH, LIND &amp; PONACK, L.L.P.</u> Attn: <u>Nils E. Pedersen, Esq.</u>  Street Address: <u>2033 K Street, N.W., Suite 800</u>  City: <u>Washington</u> , State: <u>DC</u> ZIP: <u>20006-1021</u>		6. Total number of applications and patents involved: <u>1</u>  7. Total fee (37 CFR 3.41): . . . . . \$ <u>40.00</u>  <input checked="" type="checkbox"/> Enclosed (Check No. <u>68649</u> ) Authorized to be charged to deposit account  8. Deposit account number: <u>23-0975</u>  (Attach duplicate copy of this page if paying by deposit account)			
DO NOT USE THIS SPACE					
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.  <u>Nils E. Pedersen, Reg. No. 33,145</u> Name of Person Signing   Signature  <u>May 31, 2005</u> Date  Total number of pages including cover sheet: <u>3</u>					
OMB No. 0651-0011 (exp. 4/94)					
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Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding the burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and the Office Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.					

ATTACHMENT E

PATENT

REEL: 017273 FRAME: 0358

# ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Yuichi FUJIOKA

Akinori YASUTAKE

Insert Name(s)  
of Inventor(s)

Toshihiko SETOGUCHI

Isao MOCHIDA

Seong-Ho YOON

Insert Name(s)  
of Assignee(s)

the undersigned hereby sell(s) and assign(s) to  
MITSUBISHI HEAVY INDUSTRIES, LTD. of 16-5, Konan 2-chome, Minato-ku, Tokyo  
108-8215 Japan, Isao MOCHIDA of 2-28-10, Kashii, Higashi-ku, Fukuoka-shi,  
Fukuoka 813-0011 Japan, and Seong-Ho YOON

Address

of Seaside-Momochi-Southstage 1-306, 4-3, Momochihama, Sawara-ku, Fukuoka-shi,  
Fukuoka 814-0001 Japan

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined  
in 35 USC 100, in the invention known as

Carbon Nano-Fibrous rod, Fibrous Nanocarbon, and

Title of  
Invention

Method and Apparatus for Producing Fibrous Nanocarbon

for which an application for patent in the United States has been executed by the undersigned on

Date of Signing  
Application

May 20, 2005

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, DC 20006, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	May 20, 2005	Name of Inventor	<u>Yuichi FUJIOKA</u>
Date	May 20, 2005	Name of Inventor	<u>Akinori YASUTAKE</u>
Date	May 20, 2005	Name of Inventor	<u>Toshihiko SETOGUCHI</u>
Date	May 20, 2005	Name of Inventor	<u>Isao MOCHIDA</u>
Date	May 20, 2005	Name of Inventor	<u>Seong-Ho YOON</u>
Date		Name of Inventor	

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness Tomoko Ueda

Witness Rie Sugimoto

## ACKNOWLEDGMENT

\_\_\_\_\_  
\_\_\_\_\_ } SS

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me  
personally came the above-named \_\_\_\_\_

to me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he  
(they) executed the same of his (their) own free will for the purposes therein set forth.

SEAL \_\_\_\_\_  
Official Signature  
\_\_\_\_\_  
Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No. \_\_\_\_\_ Filing Date \_\_\_\_\_  
Applicant Reference No. \_\_\_\_\_ Atty. Docket No. \_\_\_\_\_  
Title of Invention \_\_\_\_\_  
\_\_\_\_\_