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Submission type:

XX New

Conveyance type:

XX Assignment

10.3.03

Conveying Party(ies):

(Last, First, Middle Initial)

Execution Date

First party

Name:

AWANO, Yuji

June 24, 2003

Second party

Name:

YAMAGUCHI, Yoshitaka

June 24, 2003

Third party

Name:

ARINAGA, Kenji

June 24, 2003

Fourth party

Name:

FUJITA, Shozo

June 24, 2003

Fifth party

Name:

Additional name(s) of conveying party(ies) attached? Yes

Receiving Party (ies):

First party

Name: FUJITSU LIMITED

Address: 1-1, Kamikodanaka 4-chome, Nakahara-ku,

Kawasaki-shi, Kanagawa 211-8588 Japan

Additional name(s) & address(es) attached? Yes No XX

Domestic Representative Name and Address (Enter for the first Receiving Party only)

> WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP 1250 Connecticut Avenue, N.W., Suite 700 Washington, D.C. 20036 Customer No.: 38834

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PATENT REEL: 014562 FRAME: 0806

| Page 2 | | | |
|---|---|--|--|
| Correspondent Name and Address Telephone: 202-822-1100 WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP 1250 Conneccticut Avenue, N.W., Suite 700 Washington, D.C. 20036 | | | |
| Pages Enter the total number of pages of the attached conveyance document: | | | |
| Application Number(s) or Patent Number(s) | Additional numbers attached? Yes No XX_ | | |
| A. Patent Application No.(s) 10/464,847 filed on June 19, 2003 | B. Patent No.(s) ## | | |
| If this document is being filed together with a <u>new</u> application, enter the date the application was signed by the first named executing inventor: (Do not recite both application and patent numbers.) | | | |
| Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number has not been assigned | PCT PCT PCT | | |
| Number of Properties Enter the total number of properties involved:1 | | | |
| Fee Amount Fee Amount for Properties Lis | sted (37 CFR 3.41)\$40.00 | | |
| XX Enclosed | | | |
| Authorized to be charged to Deposit Account No.: <u>50-2866</u> | | | |
| 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. Stephen G. Adrian Name of Person Signing October 3, 2003 Date Registration No. Rev. 11/00 | | | |

PATENT REEL: 014562 FRAME: 0807

| Docket | Nο | |
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| LAUCKEL | INO. | |

ARMSTRONG, WESTERMAN & HATTORLLLP

U.S. ASSIGNMENT

(Insert ASSIGNEE's

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

FUJITSU LIMITED

Name(s) Address(es))

1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

CARBON NANOTUBES, PROCESS FOR THEIR PRODUCTION, AND CATALYST

FOR PRODUCTION OF CARBON NANOTUBES

(*If the assignment is being filed after the filing of the application, this section must be completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

June filed on 2003, Serial No. ____.

(ARMSTRONG, WESTERMAN & HATTORI, LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

| | Yuji Awano | |
|------------------------------------|---------------------|---------------|
| The foreone | | June 24, 2003 |
| (Signature) | (Type Name) | (Date) |
| Yoshifaka Yanagachi (Signature) | Yoshitaka Yamaguchi | June 24, 2003 |
| (Signature) | (Type Name) | (Date) |
| Kenji Arinaga | Kenji Arinaga | June 24, 2003 |
| (Signature) 0 | (Type Name) | (Date) |
| Shy Tute | Shozo Fujita | June 24, 2003 |
| (Signature) | (Type Name) | (Date) |
| (Signature) | (Type Name) | (Date) |
| (Signature) | (Type Name) | (Date) |

NO LEGALIZATION REQUIRED

RECORDED: 10/03/2003

PATENT REEL: 014562 FRAME: 0808