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Toshiyuki TSUBOI, Haruhiro KOBAYASHI and Kenji NAWAMAKI	Name: FUTABA DENSHI KOGYO KABUSHIKI KAISHA
Additional name(s) of conveying party(ies) attached? □Yes I	Address: 629 Oshiba, Mobara-shi, No P Chiba ken, JAPAN
3. Nature of Conveyance:  ■ Assignment □ Merger □ Security Agreement □ Change of Name □ Other	SEP 1 2 2000
Execution Date: March 3, 1999	Additional flame(s) and address(es) attached? □Yes ■No
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application	on, the execution date of the application is:
A. Patent Application No.(s) 09/264,685	B. Patent No.(s)
Additional number	ers attached? □Yes ■No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total applications and patents involved: 1
	7. Total fee (37 CFR 3.41): \$40.00  ■ Enclosed □ Authorized to be charged to deposit account
22850	8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account)
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PATENT REEL: 011076 FRAME: 0695

WHEREAS, I (WE) Toshiyuki TSUBOI and Kenji NAWAMAKI both c/o			
Futaba Denshi Kogyo K.K., 629 Oshiba, Mobara-shi, Chiba-ken, Japan			
Haruhiro KOBAYASHI c/o K.K. Horizon			
29-6 Denenchofuhoncho, Ohta-ku, Tokyo, Japan			
have invented certain new and useful improvements in:			
METHOD FOR PREPARING SINGLE LAYER CARBON NANO-TUBE			
for which an application for Letters Patent was executed on March 3, 1999			
(Application No. 09/264.685, filed March 9, 1999), and			
WHEREAS, FUTABA DENSHI KOGYO KABUSHIKI KAISHA			
(hereinafter referred to as "ASSIGNEE") having a place of business at:			
629 Oshiba, Mobara-shi, Chiba-ken, Japan			
is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;			

NOW, THEREFORE, for good and valuable consideration which is hereby acknowledged, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

A A - 8/95

PATENT REEL: 011076 FRAME: 0696 I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:	March 3. 1999	Toshiyaki Tsuboi
Date:	March 3, 1999	Haruhiro Kobayashi
Date:	March 3, 1999	(Signature of Inventor)
Date:		(Signature of Inventor)
Date:		(Signature of Inventor)
Date:		(Signature of Inventor)
Date:	-	(Signature of Inventor)
Date:		(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
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8/92

**RECORDED: 09/12/2000** 

PATENT REEL: 011076 FRAME: 0697