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the United States Patent and Trademark Office. Please record the attached original documents or copy thereof. To the Director of 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Atsushi KAWAMURA Name: Mitsubishi Rayon Co., Ltd. Hiroshi INAGAKI Address: 6-41, Konan 1-chome, Minato-ku, Tokyo 108-Takahiko KUNISAWA 8506 Japan Additional name(s) of conveying party(ies) attached? 

Yes No 04-07-2004 3. Nature of Conveyance: Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name 102716216 □ Other Execution Date: 11/20/2003 Additional name(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, the execution date of the application is: B. Patent No.(s) A. Patent Application No.(s) 10/479,973 Additional numbers attached? 

Yes No 5. Name and address of party to whom correspondence 6. Total applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Customer Number Enclosed ☐ Authorized to be charged to deposit account 8. Deposit account number: 15-0030 Fax. (703) 413-2220 (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. C. Irvin McClelland Name of Person Signing Surinder Sachar Registration Number: 21,124 Registration No. 34,423 Total number of pages including this cover sheet: 3 Do not detach this portion Mail documents to be recorded with required cover sheet information to: Director of the United States Patent and Trademark Office Mall Stop Assignment Recordation Services Alexandria, Virginia. 22313 #ABRAHA1 00000099 10479973 04/05/2004 01 FC:8021 40.00 OP

> PATENT REEL: 015159 FRAME: 0151

## **Assignment of Application**

Page 1 of 2

	WHEREAS, I (WE) Atsushi KAWAMURA,
ERT NAMES D RESIDENCE	residing at 20-1, Miyuki-cho, Otake-shi, Hiroshima 739-0693 Japan,
RESS OF INVENTORS:	Hiroshi INAGAKI,
	residing at 20-1, Miyuki-cho, Otake-shi, Hiroshima 739-0693 Japan,
	Takahiko KUNISAWA,
	residing at 20-1, Miyuki-cho, Otake-shi, Hiroshima 739-0693 Japan
	, respectively,
ERT TITLE INVENTION:	have invented certain new and useful improvements in: PRODUCTION DEVICE FOR CARBON
	FIBERS AND PRODUCTION METHOD THEREFOR
ERT DATE IN- ITORS SIGNED LARATION: ERT NAME DADDRESS OF #PANY OR HER ASSIGNEE	for which an application for Letters Patent was executed on November 20, 2003
	(Application No. 10/479,973 , filed December 12, 2003 ), and
	WHEREAS, Mitsubishi Rayon Co., Ltd.
	(hereinafter referred to as "ASSIGNEE") having a place of business at: 6-41, Konan 1-chome, Minato-ku,
	Tokyo 108-8506 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, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, 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.

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.

03/03

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 1940 Duke Street Alexandria, Virginia 22314 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:	November 20, 2003	Atsushi Kawamura
		(Signature of Inventor) Atsushi KAWAMURA
Date:	November 20, 2003	Hiroshi Inagaki
		(Signature of Inventor) Hiroshi INAGAKI
Date:	November 20, 2003	Takuhiko Kunisawa
		(Signature of Inventor) Takahiko KUNISAWA
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.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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