

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																																																
NATURE OF CONVEYANCE:	ASSIGNMENT																																																
CONVEYING PARTY DATA																																																	
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RECEIVING PARTY DATA																																																	
Name:	MITSUBISHI RAYON CO., LTD.																																																
Street Address:	1-1, Marunouchi 1-chome, Chiyoda-ku																																																
City:	Tokyo																																																
State/Country:	JAPAN																																																

OP \$40.00 13879278

Postal Code: 100-8253

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13879278

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Date: 07/18/2013

Total Attachments: 3

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Assignment of Application

Page 1 of 3

WHEREAS, I (WE) Yuusuke SHINMEN, Norifumi HIROTA, Atsushi NAKAJIMA, Naoki AOYAMA,
Naomasa MATSUYAMA, Takeshi NII, Akiyoshi KOGAME, Yasuyuki FUJII, Yoshiko IRIE and
Harumi MATSUDA, of c/o Corporate Research Laboratories, Mitsubishi Rayon Co., Ltd., 20-1, Miyukicho,
Otake-shi, Hiroshima 739-0693 Japan;
Takayuki KIRIYAMA, Teppei MIURA, Takuya TERANISHI, Shouhei MORI, Manabu KANEKO,
Kiharu NUMATA, Masahiro ICHINO, Shigekazu TAKEDA, Takayuki KOBAYASHI,
Toshiyuki ITOU, and Masahiro HATA, of c/o Toyohashi Production Center, Mitsubishi Rayon Co.,
Ltd., 1-2, Ushikawadori 4-chome, Toyohashi-shi, Aichi 440-8601 Japan;
Hiroyuki NAKAO of c/o Corporate Research Laboratories, Mitsubishi Rayon Co., Ltd., 20-1, Miyukicho,
Otake-shi, Hiroshima 739-0693 Japan; and
Kenichi WATANABE of c/o Toyohashi Production Center, Mitsubishi Rayon Co., Ltd., 1-2,
Ushikawadori 4-chome, Toyohashi-shi, Aichi 440-8601 Japan , respectively,

have invented certain new and useful improvements in: CARBON-FIBER-PRECURSOR FIBER BUNDLE,

CARBON FIBER BUNDLE, AND USES THEREOF

for which an application for Letters Patent was executed on _____

(Application No. 13/879,278 , filed July 15, 2013), and

WHEREAS, mitsubishi rayon co., ltd.

(hereinafter referred to as "ASSIGNEE") having a place of business at: 1-1, Marunouchi 1-chome, Chiyoda-ku,
Tokyo 100-8253 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.

10/01

INSERT TITLE
OF INVENTION

INSERT DATE IN-
VENTORS SIGNED
DECLARATION

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

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: <u>May 1, 2013</u>	<u>Yuusuke SHINMEN</u> (Signature of Inventor) Yuusuke SHINMEN
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Date: <u>May 1, 2013</u>	<u>Masahiro Hata</u> (Signature of Inventor) Masahiro HATA
Date: <u>May 1, 2013</u>	<u>Hiroyuki NAKAO</u> (Signature of Inventor) Hiroyuki NAKAO
Date: <u>May 1, 2013</u>	<u>Kenichi Watanabe</u> (Signature of Inventor) Kenichi WATANABE

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