

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Manabu SASAKAWA</td> <td>07/11/2013</td> </tr> <tr> <td>Tetsuya TORICHIGAI</td> <td>07/11/2013</td> </tr> <tr> <td>Hiroyuki OKAZAKI</td> <td>07/11/2013</td> </tr> <tr> <td>Fumihiro KIRA</td> <td>07/11/2013</td> </tr> <tr> <td>Ikuo KINOSHITA</td> <td>07/11/2013</td> </tr> </tbody> </table>		Name	Execution Date	Manabu SASAKAWA	07/11/2013	Tetsuya TORICHIGAI	07/11/2013	Hiroyuki OKAZAKI	07/11/2013	Fumihiro KIRA	07/11/2013	Ikuo KINOSHITA	07/11/2013
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<table border="1"> <tr> <td>Name:</td> <td>MITSUBISHI RAYON CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>1-1, Marunouchi 1-chome, Chiyoda-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>100-8253</td> </tr> </table>		Name:	MITSUBISHI RAYON CO., LTD.	Street Address:	1-1, Marunouchi 1-chome, Chiyoda-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	100-8253		
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CORRESPONDENCE DATA													
<p>Fax Number: 7034132220 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (703) 413-3000 Email: bpalmer@oblon.com Correspondent Name: Oblon, Spivak, et al. Address Line 1: 1940 Duke Street Address Line 4: Alexandria, VIRGINIA 22314</p>													
ATTORNEY DOCKET NUMBER:	418607US99PCT												
NAME OF SUBMITTER:	Brian Palmer												
Signature:	/Brian Palmer/												

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Date:	07/17/2013
Total Attachments: 2 source=418607USASSN#page1.tif source=418607USASSN#page2.tif	

3

Page 1 of 2

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS.

Ikuo KINOSHITA of Toyohashi-shi, Japan

INSERT TITLE
OF INVENTION:

have invented certain new and useful improvements in:

INSERT DATE INVENTORS SIGNED
DECLARATION:

for which an application for Letters Patent was executed on

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

WHEREAS, Mitsubishi Rayon Co., Ltd.

Tokyo 100-8253 Japan

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.

PATENT
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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: July 11, 2013

Manabu Sasakawa

(Signature of Inventor) Manabu SASAKAWA

Date: July 11, 2013

Tetsuya Torichigai

(Signature of Inventor) Tetsuya TORICHIGAI

Date: July 11, 2013

Hiroyuki Okazaki

(Signature of Inventor) Hiroyuki OKAZAKI

Date: July 11, 2013

Fumihiko Kira

(Signature of Inventor) Fumihiko KIRA

Date: July 11, 2013

Ikuo Kinoshita

(Signature of Inventor) Ikuo KINOSHITA

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

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03/03