

PATENT ASSIGNMENT COVER SHEET

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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>MASATO MASUDA</td> <td>11/22/2013</td> </tr> <tr> <td>JOJI FUNAKOSHI</td> <td>11/25/2013</td> </tr> <tr> <td>AKIRA KISHIRO</td> <td>11/25/2013</td> </tr> </tbody> </table>		Name	Execution Date	MASATO MASUDA	11/22/2013	JOJI FUNAKOSHI	11/25/2013	AKIRA KISHIRO	11/25/2013
Name	Execution Date								
MASATO MASUDA	11/22/2013								
JOJI FUNAKOSHI	11/25/2013								
AKIRA KISHIRO	11/25/2013								
RECEIVING PARTY DATA									
Name:	TORAY INDUSTRIES, INC.								
Street Address:	1-1, NIHONBASHI-MUROMACHI 2-CHOME, CHUO-KU								
City:	TOKYO								
State/Country:	JAPAN								
Postal Code:	103-8666								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14126245</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14126245				
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CORRESPONDENCE DATA									
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NAME OF SUBMITTER:	T. DANIEL CHRISTENBURY								
Signature:	/TDC/								
Date:	12/13/2013								
Total Attachments: 1 source=Assignment#page1.tif									

CH \$40.00 14126245

ASSIGNMENT

WHEREAS, we, Masato Masuda, Joji Funakoshi and Akira Kishiro, all citizens of Japan, residing at c/o Mishima Plant, Toray Industries, Inc., 4845, Mishima-shi, Shizuoka 4118652 Japan; c/o Shiga Plant, Toray Industries, Inc., 1-1, Sonoyama 1-chome, Otsu-shi, Shiga 5208558 Japan and c/o Mishima Plant, Toray Industries, Inc., 4845, Mishima-shi, Shizuoka 4118652 Japan, respectively (hereinafter referred to as "the undersigned"), having made an invention entitled COMPOSITE FIBER, identified in International Application No. PCT/JP2012/065014, and in US Application No. 14/126,245 (DLA Piper is authorized to insert the Serial No. when known),

WHEREAS, Toray Industries, Inc., with offices located at 1-1, Nihonbashi-Muromachi 2-chome, Chuo-ku, Tokyo 103-8666 Japan (hereinafter referred to as "the assignee"), is desirous of acquiring the entire right, title and interest in said invention, said US application and all letters patent issuing for said invention,

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and of other good and valuable consideration, receipt of which is hereby acknowledged, the undersigned, intending to be legally bound, do hereby sell, assign and transfer to the assignee the entire right, title and interest, for the United States of America, its territories and possessions, and for all foreign countries, in said invention, including said US application, all divisions and continuations thereof, all rights to claim priority based thereon, all rights to file foreign applications on said invention, and all letters patent and reissues thereof, issuing for said invention in the United States of America and in any and all foreign countries.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the undersigned has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the assignee, and to execute all instruments proper to carry out the intent of this instrument. If the undersigned includes more than one individual, these obligations shall apply to all of the undersigned both individually and collectively.

The rights and property herein conveyed by the undersigned are free and clear of any encumbrance.

EXECUTED on the date(s) set forth below.

November 22, 2013
Date

Masato Masuda
Masato Masuda

November 25, 2013
Date

Joji Funakoshi
Joji Funakoshi

November 25, 2013
Date

Akira Kishiro
Akira Kishiro